

OFFICE

RETAIL

INDUSTRY

OUTDOOR

SPORTS

URBAN

ARCHITECTURAL

STREET

CONSUMER

made in Italy

2021

**TEC-MAR<sup>®</sup>**  
L I G H T I N G

**TEC-MAR<sup>®</sup>**  
L I G H T I N G

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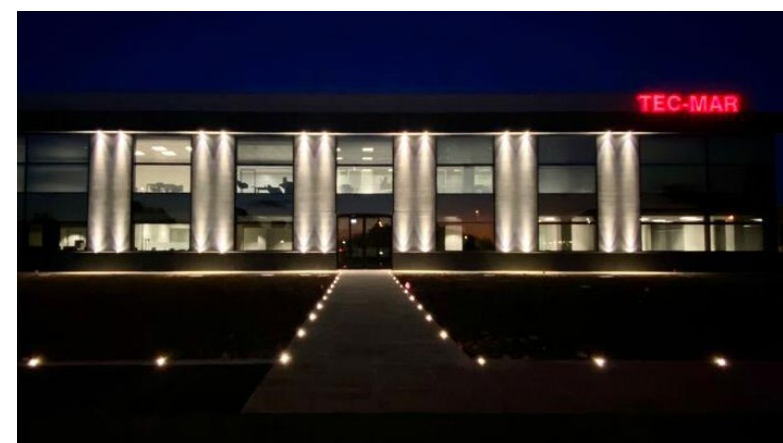
## Azienda

Dal 1992 TEC-MAR propone un'ampia gamma di apparecchi illuminotecnici per interni ed esterni nell'ambito del settore industriale, commerciale, terziario e spazio urbano, progettati e costruiti nella consapevolezza dell'importanza del MADE IN ITALY.

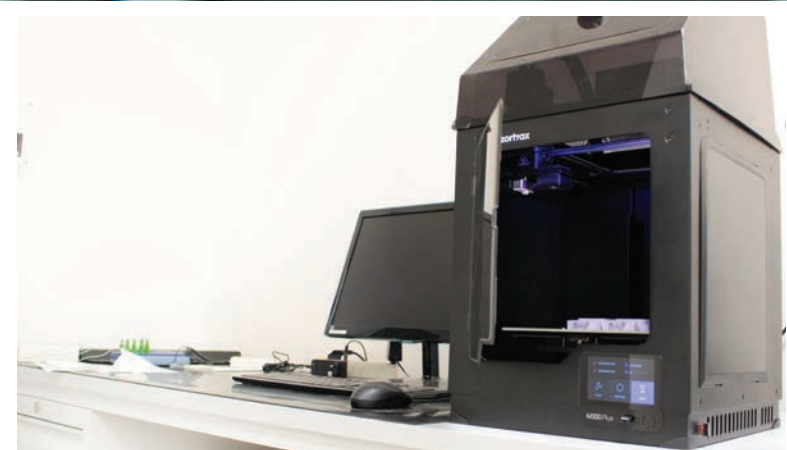
Lo slogan "High Lighting Performance" descrive al meglio la nostra mission aziendale che si contraddistingue tra un equilibrato mix di tradizione e modernità, alta qualità, apporto creativo ed ampia utilizzabilità di ogni prodotto. Tutto questo fa di TEC-MAR un'azienda dinamica ed in costante crescita in grado di esportare in oltre 30 paesi nel mondo e capace di fornire una gamma di prodotti sempre più varia soddisfacendo le svariate esigenze nel campo dell'illuminazione.

## Company

Since 1992, TEC-MAR has offered a wide range of lighting fixtures for indoor and outdoor application, as part of the industrial, commercial and urban space, designed and built in the awareness of the importance of MADE IN ITALY. The "High Performance Lighting" slogan best describes our corporate mission, incorporates a balanced interaction of tradition, modernity, high quality, creative contribution and broad versatility of each product. All these aspects make TEC-MAR a dynamic and growing company. We export to more than 30 countries in the world. We provide a diverse range of products, satisfying the growing versatile lighting needs.









## Ricerca e sviluppo

Lo studio stile TEC-MAR si caratterizza dalla costante ricerca e sviluppo di nuove tecnologie, materiali di qualità, potenziamento dei processi produttivi sempre all'avanguardia, in sintonia con le tendenze di design e tecnologiche più attuali, secondo le richieste del mercato e nel rispetto delle normative comunitarie ed internazionali, al fine di rispondere a requisiti fondamentali di sicurezza, comfort visivo, efficienza e risparmio energetico. Ogni nuovo apparecchio è studiato, progettato, testato e collaudato all'interno del nostro laboratorio luce dove sono presenti i diversi strumenti per i test per poi essere certificati.

## Research and development

The TEC-MAR style studio is characterized by constant research and development of new technologies, quality materials, enhanced production processes in accordance with latest trends in design and technology. Our portfolio is constantly being improved to meet market demands and to comply with EU and international standards, while simultaneously meeting basic safety, visual comfort, efficiency and energy saving requirements. Each new device is thoroughly studied, designed and tested in our lighting laboratory before being certified by third-party officials.







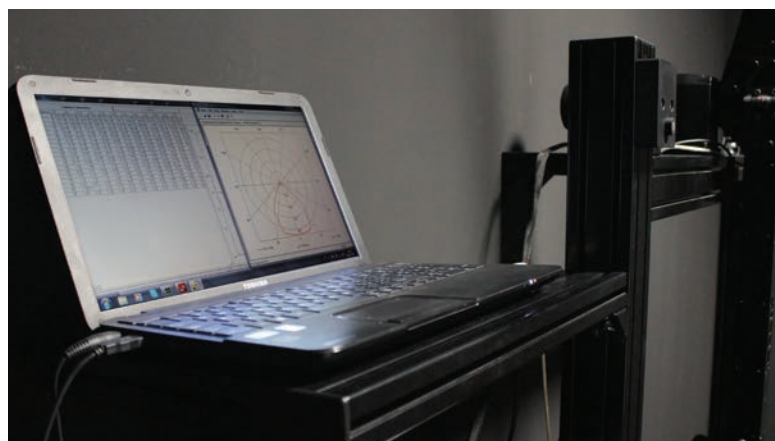
## Progettazione illuminotecnica

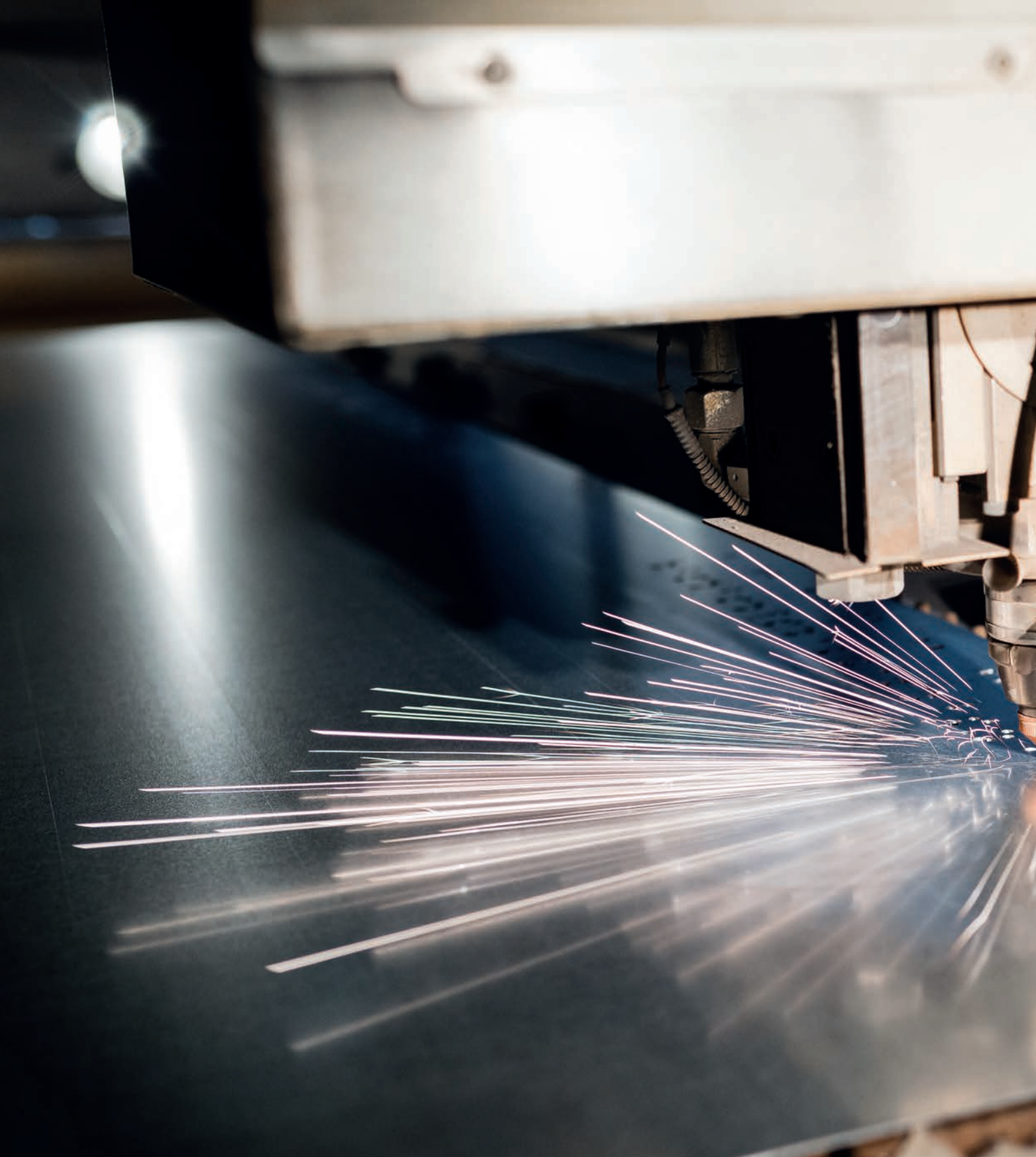
All'interno del nostro laboratorio luce, tramite l'ausilio di un fotogoniometro digitale, vengono rilevati i dati fotometrici di ogni singolo prodotto al fine di garantire una corretta e realistica progettazione illuminotecnica.

TEC-MAR mette a disposizione gratuitamente un team di lighting designers che a contatto diretto con il cliente lo supportano nella scelta del corretto apparecchio da utilizzare nell'ambito d'applicazione richiesto elaborando, con l'ausilio di software, la simulazione illuminotecnica tramite elaborati tridimensionali, grafici, isolux, mosaici di superficie dei locali e colori, oltre a viste 2D e 3D del dettaglio di livello d'illuminamento, luminanza e uniformità sui piani di lavoro.

## Lighting Design

In our lighting laboratory the photometric data of each product is measured with a goni digital photometer. Therefore a correct and realistic lighting design can be ensured. A team of TEC-MAR lighting designers at provides customer support in terms of product choice within the specific requirements, software-assisted 2D and 3D lighting planning with an emphasis on isolux charts and the display of luminance and light uniformity.





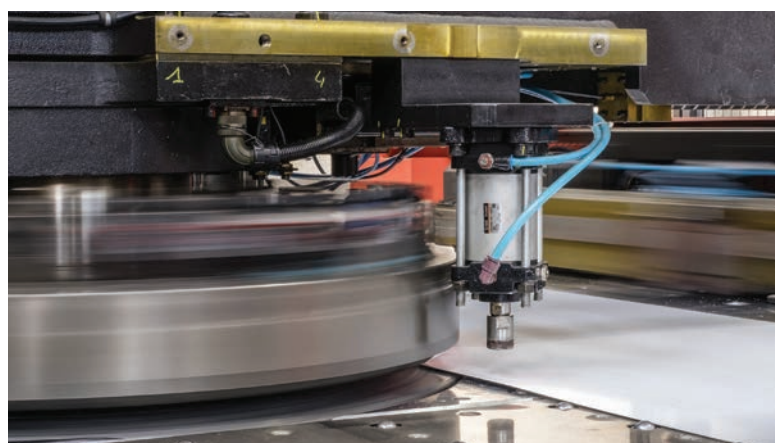


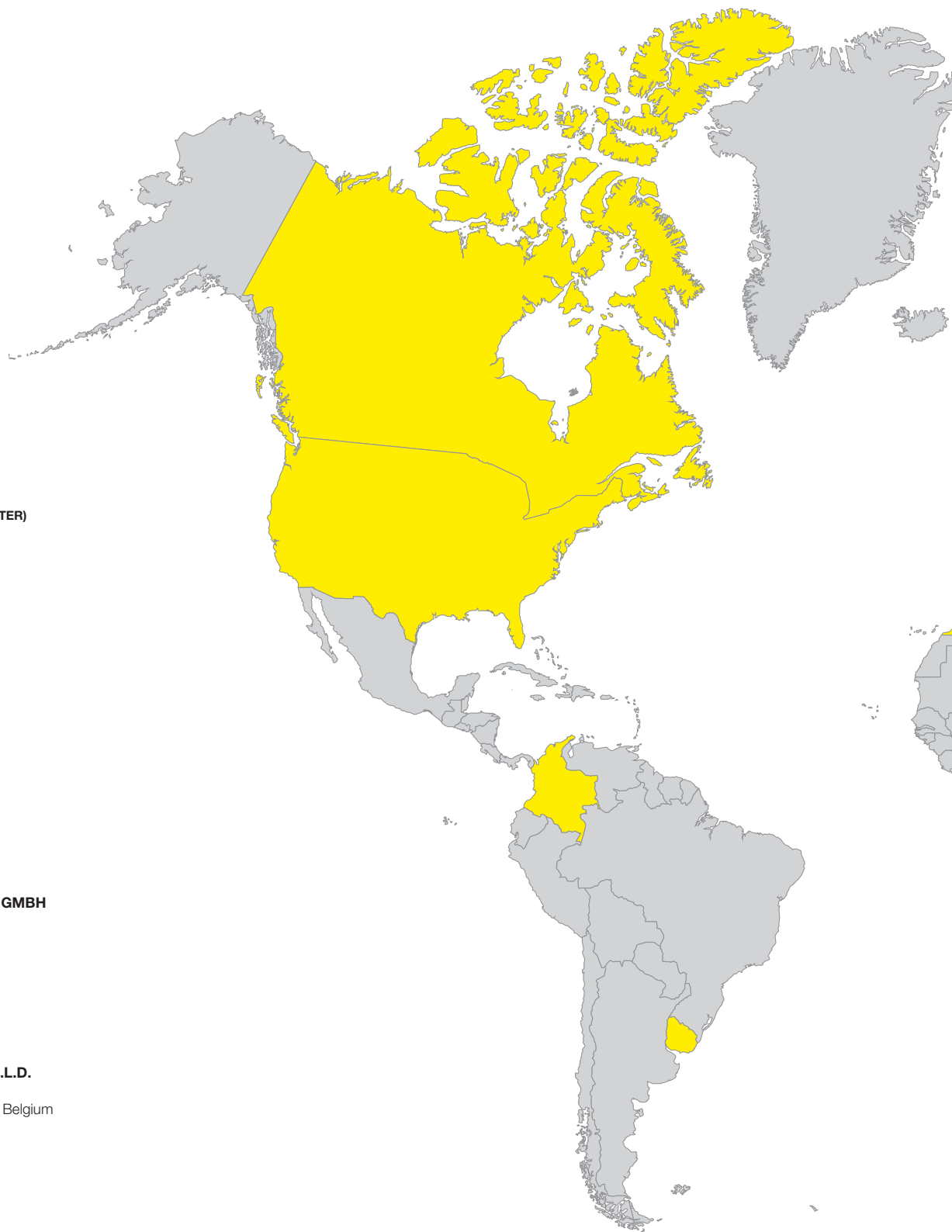
## Produzione

TEC-MAR loves MADE IN ITALY! Tutto il nostro ciclo produttivo è interamente presso l'azienda, in Italia, in Lombardia, vicino Milano. Operatori altamente specializzati, tramite l'ausilio di macchinari all'avanguardia di ultima generazione (taglio laser automatizzato, punzonatrici, piegatrici semi-automatiche, presse idrauliche), realizzano e assemblano l'ampia gamma di apparecchi illuminotecnici TEC-MAR. Dalla scelta della materia prima ai test di collaudo, ogni singola fase del processo produttivo è accuratamente all'insegna della qualità che caratterizza il vero MADE IN ITALY riconosciuto nel mondo come sinonimo di eccellenza, qualità e stile.

## Production

TEC-MAR loves MADE IN ITALY! Our entire production cycle is based at our facility near Milan/Italy (Lombardy). High-skilled experts craft high-end lighting products within our portfolio, using the latest generation of advanced machinery (automated laser cutting, punching machines, semi-automatic bending machines, hydraulic presses and wiring robots). From the selection of raw materials to acceptance tests, every stage of our production process is carefully realised at highest quality standards to ensure that all quality and design requirements of lighting excellence "Made in Italy" are met.





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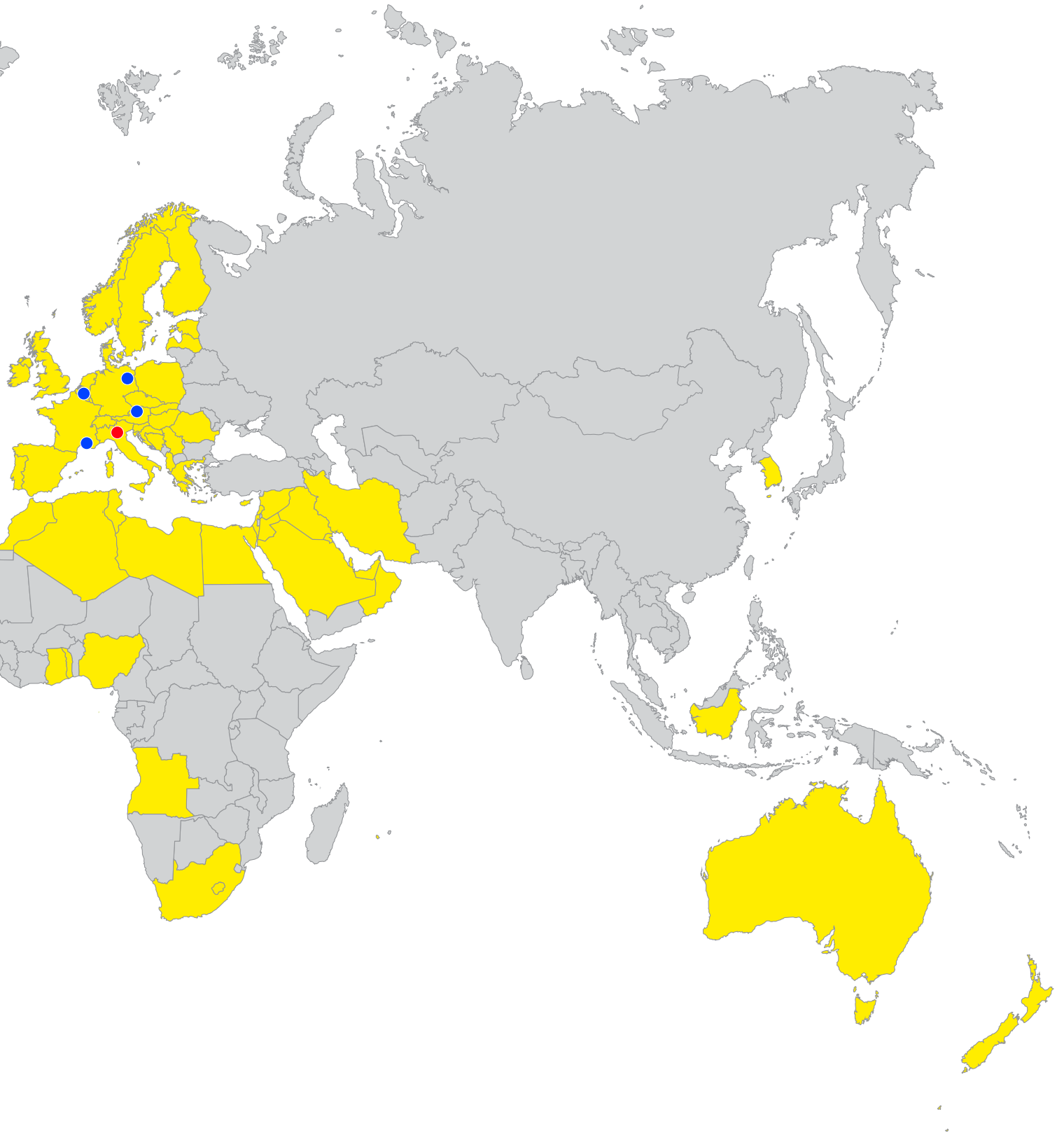
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## Uffici / Offices



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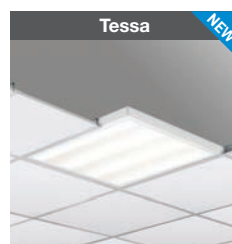
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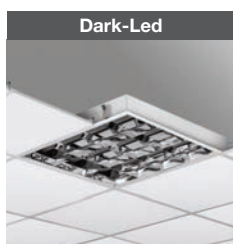
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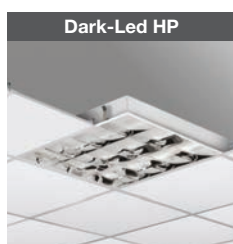
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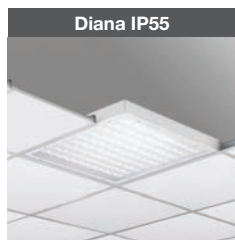


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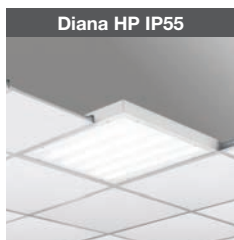


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## Protetti / Protected



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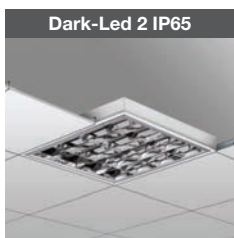
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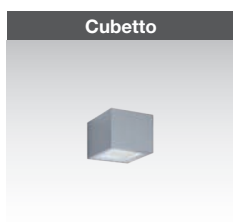


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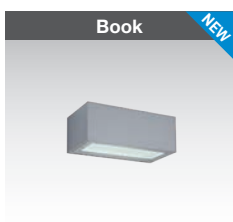
## Residenziali / Residential



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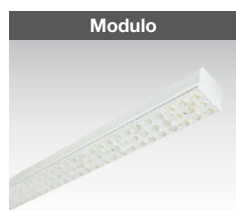


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## Industriali / Industrial



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## Stradali / Street lighting



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## Arredo urbano / Urban lighting



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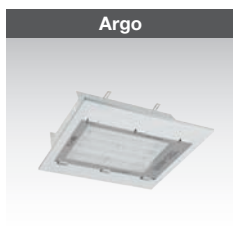


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## Speciali / Special



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## Emergenza / Emergency



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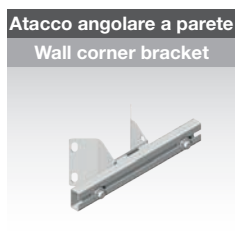
## Accessori / Accessories



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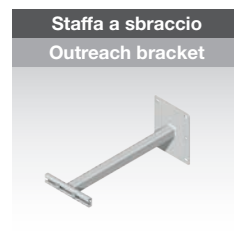
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# Uffici Offices

# VERA

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente con finitura goffrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP20 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1820		LQ	03	= 3000°K (CRI >80)	18	37	EL	= on/off
		LR	04	= 4000°K (CRI >80)	26	74	LM	= 1-10v
		IQ	05	= 5000°K (CRI >80)	29		LD	= dali
		IR	65	= 6500°K (CRI >80)	32		D1	= dali + em. 1h
			94	= 4000°K (CRI >90)	36		E1	= em. 1h
							E3	= em. 3h
							BT	= bluetooth Dali

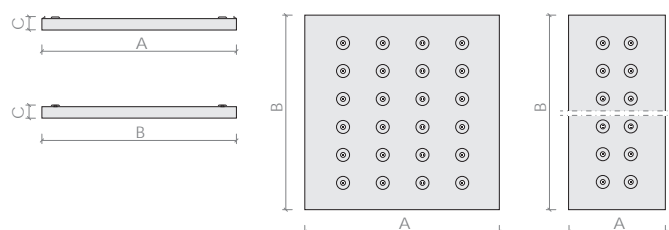
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	595	595	35	4,5	0,015	70	<b>D5</b>	595	595	10	4,0	0,004	70
<b>D2</b>	295	595	35	3,0	0,008	100	<b>D6</b>	295	1195	10	4,2	0,004	70
<b>D3</b>	295	1195	35	4,5	0,015	70							
<b>D4</b>	595	1195	35	9,0	0,029	30							

RAL 9003

## Δ LUMEN

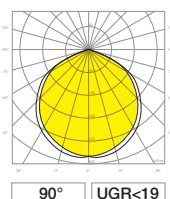
3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



**D1 - D4 - D5**

**D2 - D3 - D6**

## Mod. LQ



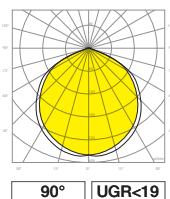
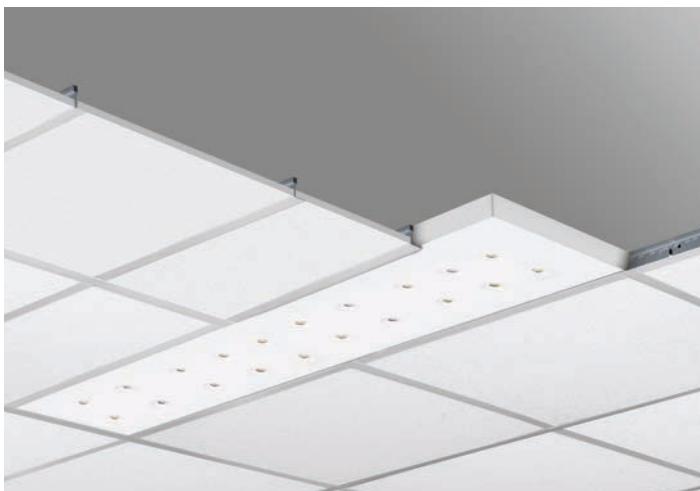
**Ottica**  
Riflettore rotosimmetrico in lamiera imbutita verniciato bianco

**Optic**  
Pressed white painted steel sheet rotosymmetrical reflector

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
26	4x24	4083	3674	141	3x18W fluo	D1
29	4x24	5062	4555	157	4x18W fluo	D1
32	4x24	5058	4552	142	4x18W fluo	D1
37	4x24	5547	4992	135	4x18W fluo	D1

\*4000K CRI>80

## Mod. LR

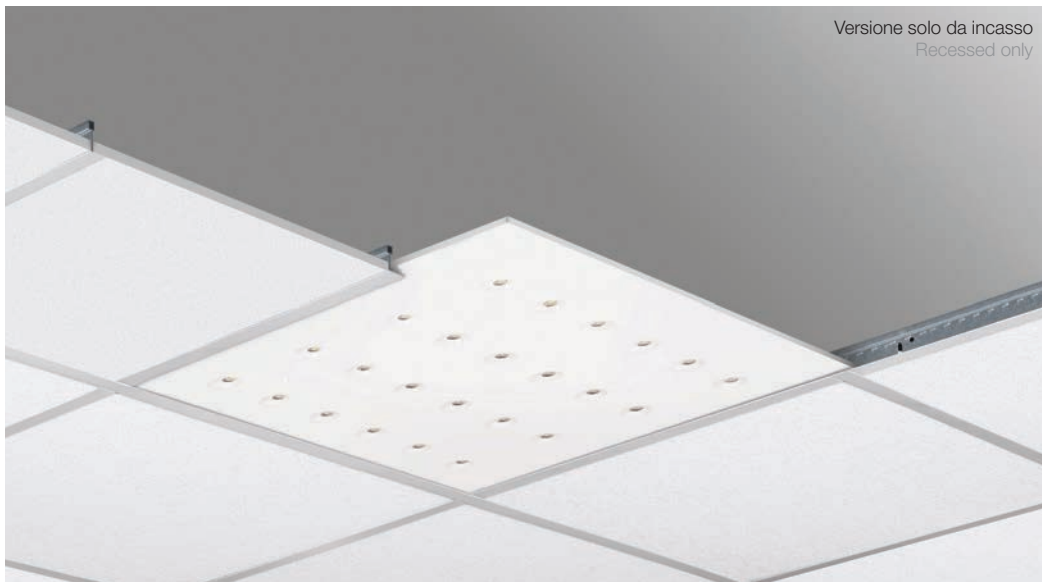


**Ottica**  
Riflettore rotosimmetrico in lamiera imbutita verniciato bianco

**Optic**  
Pressed white painted steel sheet rotosymmetrical reflector

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
18	2x24	2773	2495	139	2x18W fluo	D2
26	4x24	4083	3674	141	2x28W fluo	D3
29	4x24	5062	4555	157	2x36W fluo	D3
32	4x24	5058	4552	142	2x36W fluo	D3
36	4x24	6229	5606	156	2x36W fluo	D3
37	4x24	5547	4992	135	2x36W fluo	D3
74	4x48	11094	9984	135	4x36W fluo	D4

\*4000K CRI>80



Versione solo da incasso  
Recessed only

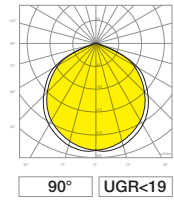
## Mod. IQ

### Ottica

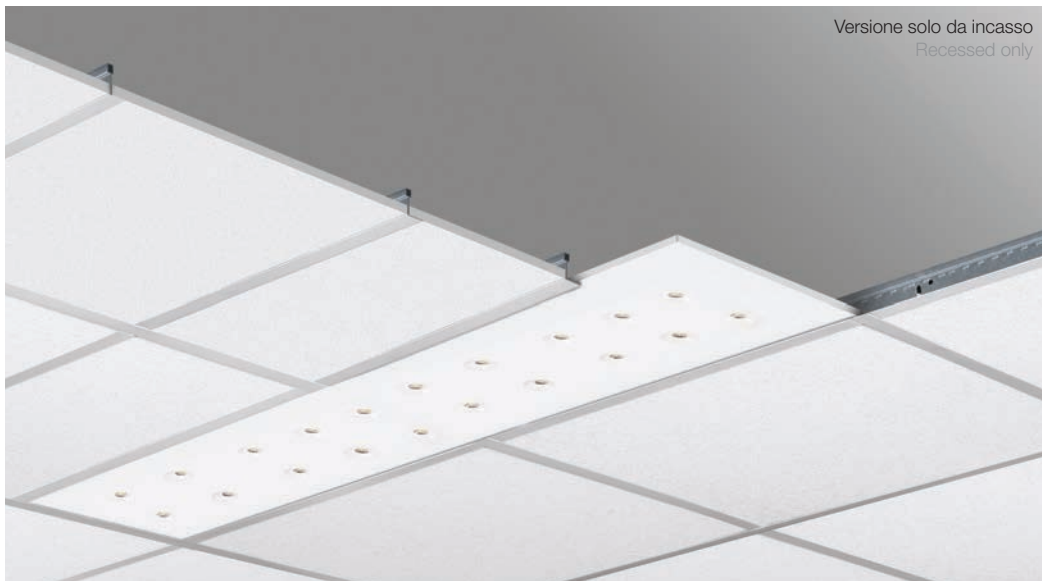
Riflettore rotosimmetrico in lamiera imbutita verniciato bianco

### Optic

Pressed white painted steel sheet rotosymmetrical reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
26	4000K - CRI>80	4x24	4083	3674	141	3x18W fluo	D5
37	4000K - CRI>80	4x24	5547	4992	135	4x18W fluo	D5



Versione solo da incasso  
Recessed only

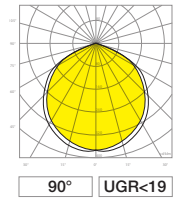
## Mod. IR

### Ottica

Riflettore rotosimmetrico in lamiera imbutita verniciato bianco

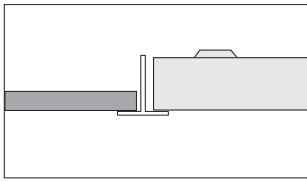
### Optic

Pressed white painted steel sheet rotosymmetrical reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
26	4000K - CRI>80	4x24	4083	3674	141	2x28W fluo	D6
37	4000K - CRI>80	4x24	5547	4992	135	2x36W fluo	D6

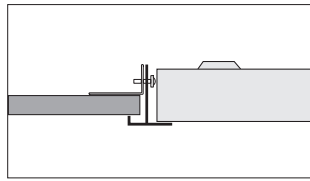
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista

False ceiling with visible structure installation

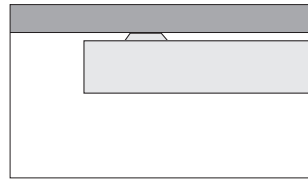
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC001/004)

Plasterboard ceiling installation. Frame installation (ACC001/004)

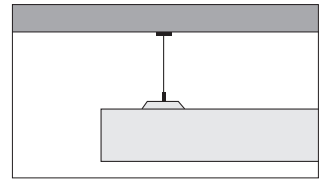
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione (ACC006)

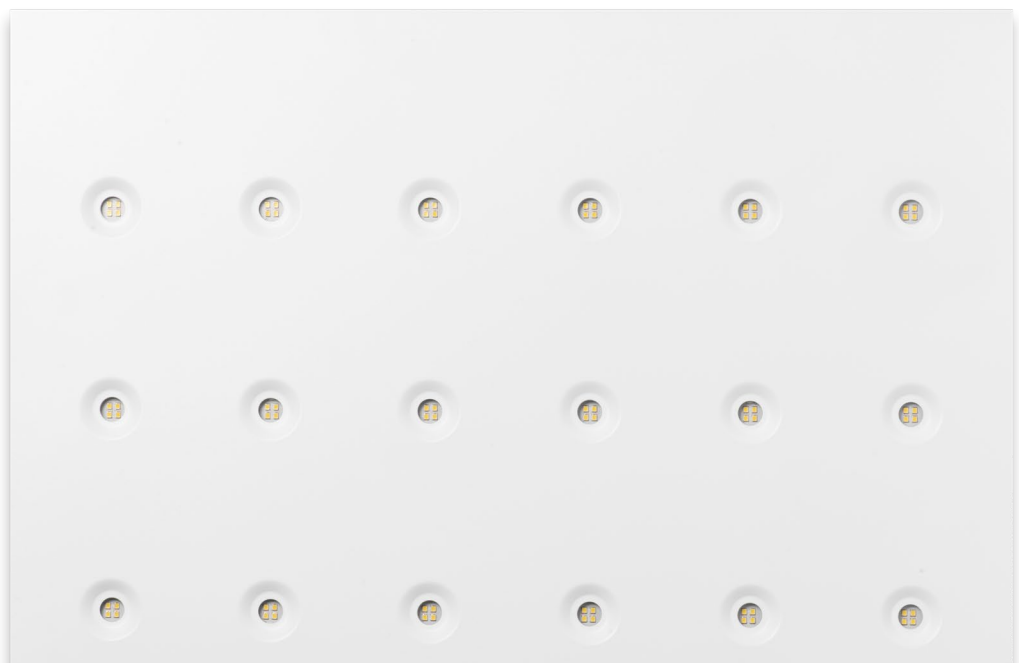
Suspended installation (ACC006)

ACCESSORI / ACCESSORIES



- ACC001** Cornice per cartongesso 320x620mm  
Frame for plasterboard installation 320x620mm
- ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm
- ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm
- ACC004** Cornice per cartongesso 620x1220mm  
Frame for plasterboard installation 620x1220mm
- ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable
- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

- Foro di incasso 305x605mm  
Recessed hole 305x605mm
- Foro di incasso 605x605mm  
Recessed hole 605x605mm
- Foro di incasso 305x1205mm  
Recessed hole 305x1205mm
- Foro di incasso 605x1205mm  
Recessed hole 605x1205mm



# DIANA

Apparecchio installabile in incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco e antiingiallente, con pretrattamento di fosfatazione e sgrassaggio, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220/240 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 | CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		Q3		03 = 3000°K (CRI >80)		17 48		EL = on/off
		R3		04 = 4000°K (CRI >80)		28 64		LM = 1-10v
		QP		05 = 5000°K (CRI >80)		32 72		LD = dali
		RP		65 = 6500°K (CRI >80)		38 92		D1 = dali + em. 1h
		QM		94 = 4000°K (CRI >90)		45		E1 = em. 1h
		RM				12 =120W		E3 = em. 3h
								BT = bluetooth Dali

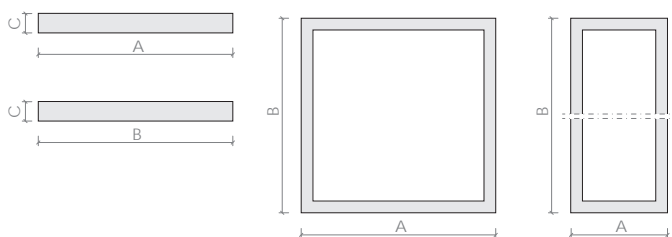
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	60	4,5	0,015	50
<b>D2</b>	295	595	60	3,0	0,008	100
<b>D3</b>	295	1195	60	4,5	0,015	50
<b>D4</b>	595	1195	60	9,0	0,029	30

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.30%**



**D1**

**D2 - D3 - D4**



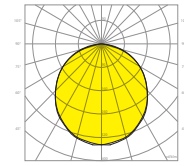
## Mod. Q3

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
28	4000K - CRI>80	6x64	5607	4177	149	4x18W fluo	D1
32	4000K - CRI>80	120	5211	3882	121	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4453	117	4x18W fluo	D1
45	4000K - CRI>80	6x64	8715	6492	144	4x24W fluo	D1
48	4000K - CRI>80	6x32	8084	6022	125	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	8268	115	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	11044	120	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	14371	120	4x55W FL-C	D1



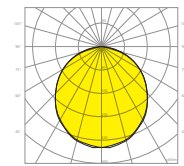
## Mod. R3

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1940	114	2x18W fluo	D2
28	4000K - CRI>80	3x128	5607	4177	149	2x36W fluo	D3
32	4000K - CRI>80	120	5211	3882	121	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4453	117	2x36W fluo	D3
45	4000K - CRI>80	3x128	8715	6492	144	2x54W fluo	D3
48	4000K - CRI>80	3x64	8084	6022	125	2x54W fluo	D3
64	4000K - CRI>80	240	10422	7764	121	4x36W fluo	D4
72	4000K - CRI>80	3x64	11099	8268	115	3x54W fluo	D3
92	4000K - CRI>80	3x128	14825	11044	120	150W JM	D3
120	4000K - CRI>80	3x128	19290	14371	120	250W JM	D3





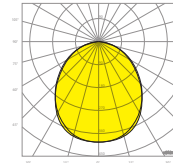
## Mod. QP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
28	4000K - CRI>80	6x64	5607	3941	141	4x18W fluo	D1
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D1
45	4000K - CRI>80	6x64	8715	6126	136	4x24W fluo	D1
48	4000K - CRI>80	6x32	8084	5683	118	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	7802	108	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D1



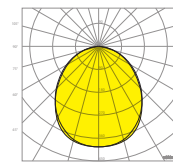
## Mod. RP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1831	108	2x18W fluo	D2
28	4000K - CRI>80	3x128	5607	3941	141	2x36W fluo	D3
32	4000K - CRI>80	120	5211	3663	114	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4202	111	2x36W fluo	D3
45	4000K - CRI>80	3x128	8715	6126	136	2x54W fluo	D3
48	4000K - CRI>80	3x64	8084	5683	118	2x54W fluo	D3
64	4000K - CRI>80	240	10422	7326	114	4x36W fluo	D4
72	4000K - CRI>80	3x64	11099	7802	108	3x54W fluo	D3
92	4000K - CRI>80	3x128	14825	10421	113	150W JM	D3
120	4000K - CRI>80	3x128	19290	13560	113	250W JM	D3



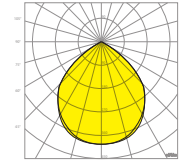
## Mod. QM

### Ottica

Diffusore metacrilato prismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare prismatic methacrylate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
28	4000K - CRI>80	6x64	5607	4009	143	4x18W fluo	D1
32	4000K - CRI>80	120	5211	3725	116	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4274	112	4x18W fluo	D1
45	4000K - CRI>80	6x64	8715	6231	138	4x24W fluo	D1
48	4000K - CRI>80	6x32	8084	5780	120	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	7935	110	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	10599	115	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	13792	115	4x55W FL-C	D1



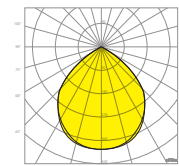
## Mod. RM

### Ottica

Diffusore metacrilato prismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare prismatic methacrylate diffuser

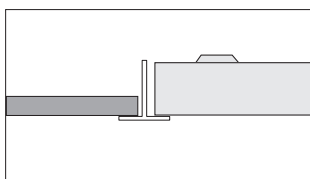


90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1862	110	2x18W fluo	D2
28	4000K - CRI>80	3x128	5607	4009	143	2x36W fluo	D3
32	4000K - CRI>80	120	5211	3725	116	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4274	112	2x36W fluo	D3
45	4000K - CRI>80	3x128	8715	6231	138	2x54W fluo	D3
48	4000K - CRI>80	3x64	8084	5780	120	2x54W fluo	D3
64	4000K - CRI>80	240	10422	7451	116	4x36W fluo	D4
72	4000K - CRI>80	3x64	11099	7935	110	3x54W fluo	D3
92	4000K - CRI>80	3x128	14825	10599	115	150W JM	D3
120	4000K - CRI>80	3x128	19290	13792	115	250W JM	D3



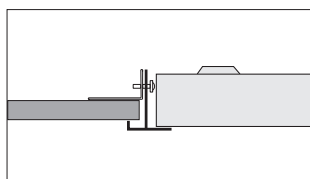
Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

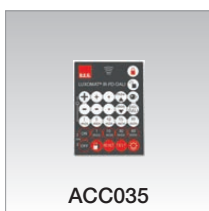
Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC001/004)

Plasterboard ceiling installation. Frame installation (ACC001/004)

ACCESSORI / ACCESSORIES



**ACC001** Cornice per cartongesso 320x620mm  
Frame for plasterboard installation 320x620mm

**ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

**ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm

**ACC004** Cornice per cartongesso 620x1220mm  
Frame for plasterboard installation 620x1220mm

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

Foro di incasso 305x605mm  
Recessed hole 305x605mm

Foro di incasso 605x605mm  
Recessed hole 605x605mm

Foro di incasso 305x1205mm  
Recessed hole 305x1205mm

Foro di incasso 605x1205mm  
Recessed hole 605x1205mm

# AURORA

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V<sub>±</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1881		Q3		03 = 3000°K (CRI >80)		17		EL = on/off
		R3		04 = 4000°K (CRI >80)		26		LM = 1-10v
		QP		05 = 5000°K (CRI >80)		32		LD = dali
		RP		65 = 6500°K (CRI >80)		38		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		60		E1 = em. 1h
						64		E3 = em. 3h
								BT = bluetooth Dali

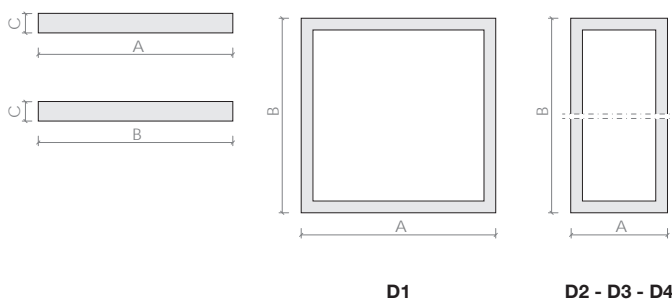
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	60	4,5	0,015	50
<b>D2</b>	295	595	60	3,0	0,008	100
<b>D3</b>	295	1195	60	4,5	0,015	50
<b>D4</b>	595	1195	60	9,0	0,029	30
<b>D5</b>	295	1495	60	5,5	0,031	50

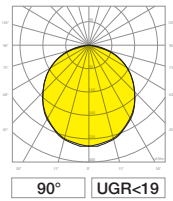
RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.30%**



## Mod. Q3



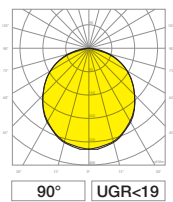
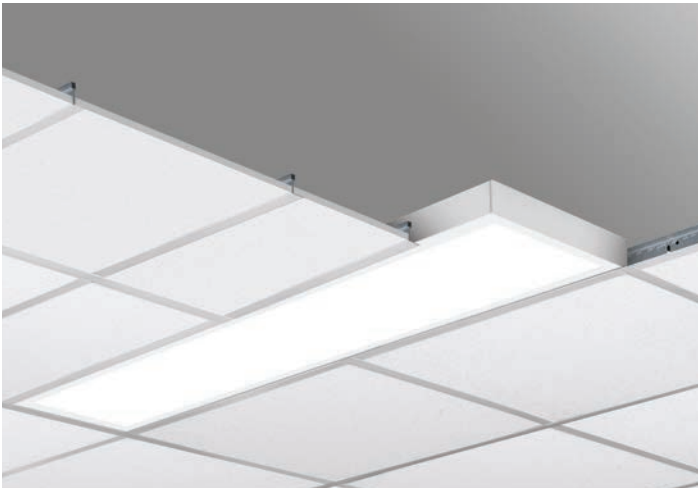
**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Optic**  
Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
32	120	5211	3882	121	4x18W fluo	D1
38	120	5978	4453	117	4x18W fluo	D1

\*4000K CRI>80

## Mod. R3



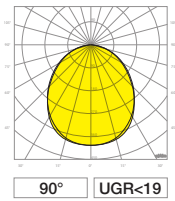
**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Optic**  
Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
17	60	2605	1940	114	2x18W fluo	D2
26	2x32	4067	3029	117	2x18W fluo	D2
32	120	5211	3882	121	2x36W fluo	D3
38	120	5978	4453	117	2x36W fluo	D3
60	150	8955	6671	111	2x58W fluo	D5
64	240	10422	7764	121	4x36W fluo	D4

\*4000K CRI>80

## Mod. QP



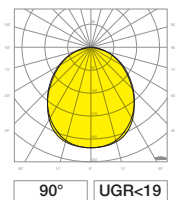
**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
32	120	5211	3663	114	4x18W fluo	D1
38	120	5978	4202	111	4x18W fluo	D1

\*4000K CRI>80

## Mod. RP

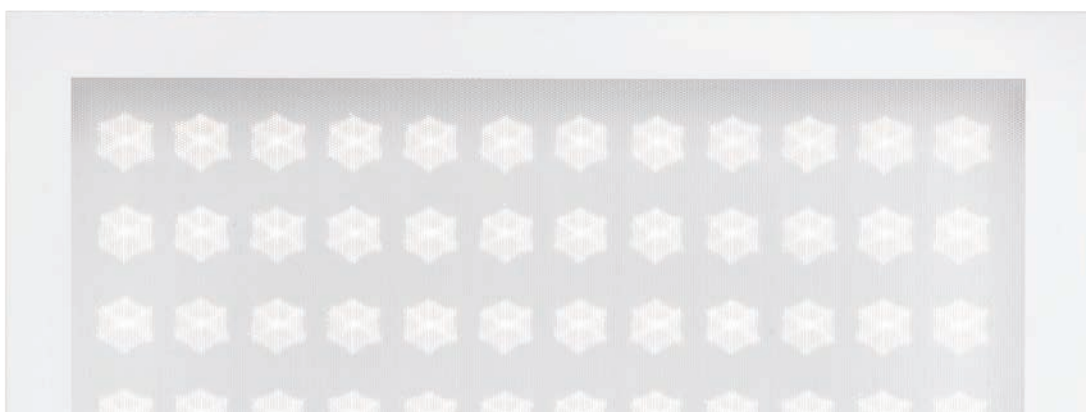


**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

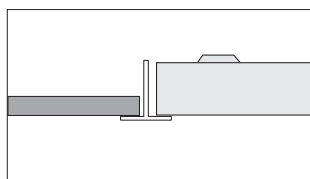
**Optic**  
Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
17	60	2605	1831	108	2x18W fluo	D2
26	2x32	4067	2859	110	2x18W fluo	D2
32	120	5211	3663	114	2x36W fluo	D3
38	120	5978	4202	111	2x36W fluo	D3
60	150	8955	6295	105	2x58W fluo	D5
64	240	10422	7326	114	4x36W fluo	D4

\*4000K CRI>80



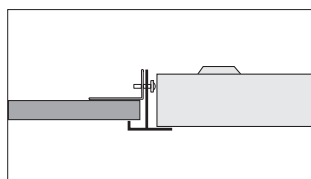
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

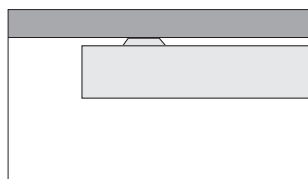
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC001/005)

Plasterboard ceiling installation. Frame installation (ACC001/005)

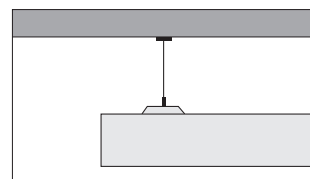
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

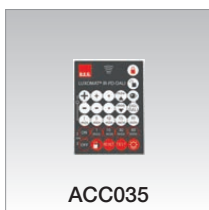
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



**ACC001** Cornice per cartongesso 320x620mm  
Frame for plasterboard installation 320x620mm

**ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

**ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm

**ACC004** Cornice per cartongesso 620x1220mm  
Frame for plasterboard installation 620x1220mm

**ACC005** Cornice per cartongesso 320x1520mm  
Frame for plasterboard installation 320x1520mm

**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

Foro di incasso 305x605mm  
Recessed hole 305x605mm

Foro di incasso 605x605mm  
Recessed hole 605x605mm

Foro di incasso 305x1205mm  
Recessed hole 305x1205mm

Foro di incasso 605x1205mm  
Recessed hole 605x1205mm

Foro di incasso 305x1505mm  
Recessed hole 305x1505mm





# AURORA HP

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente con finitura goffrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.30%**



## CARATTERISTICHE / MAIN FEATURES

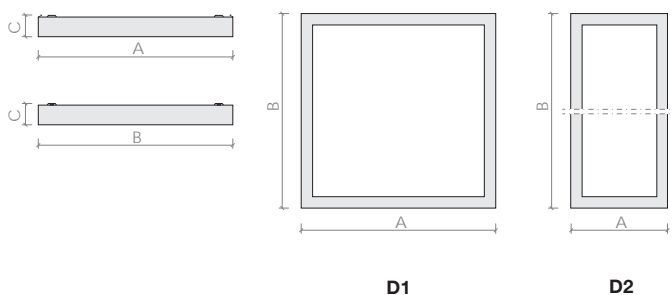
LED | CE | 220 V<sub>≈</sub> | -25°C | IP40 | IK07 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | 7 | A++  
 240 V<sub>≈</sub> | +45°C | MacAdam | FREE | >60.000h | >100.000h

## CODIFICA / CODING

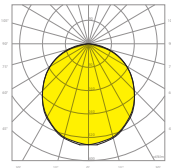
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1881		Q3		3 = 3000°K (CRI >80)		028		EL = on/off
		R3		4 = 4000°K (CRI >80)		045		LM = 1-10v
		QP		5 = 5000°K (CRI >80)		048		LD = dali
		RP		6 = 6500°K (CRI >80)		072		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		092		E1 = em. 1h
						120		E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	60	4,5	0,024	50
<b>D2</b>	295	1195	60	4,5	0,023	50



## Mod. Q3



90° UGR<19

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

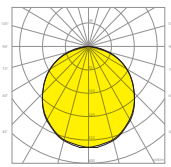
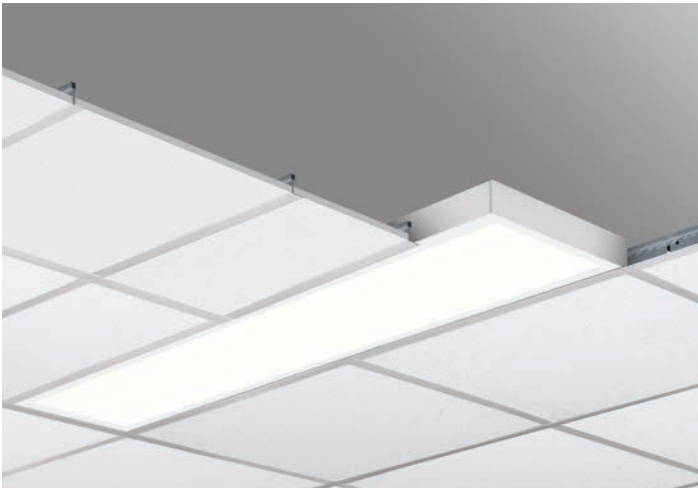
### Optic

Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
28	6x64	5607	4177	149	4x18W fluo	D1
45	6x64	8715	6492	144	4x24W fluo	D1
48	6x32	8084	6022	125	4x24W fluo	D1
72	6x32	11099	8268	115	4x40W FL-C	D1
92	6x64	14825	11044	120	4x40W FL-C	D1
120	6x64	19290	14371	120	4x55W FL-C	D1

\*4000K CRI>80

## Mod. R3



90° UGR<19

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

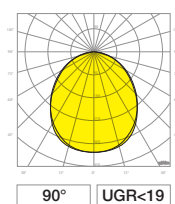
### Optic

Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
28	3x128	5607	4177	149	2x36W fluo	D2
45	3x128	8715	6492	144	2x54W fluo	D2
48	3x64	8084	6022	125	2x54W fluo	D2
72	3x64	11099	8268	115	3x54W fluo	D2
92	3x128	14825	11044	120	150W JM	D2
120	3x128	19290	14371	120	250W JM	D2

\*4000K CRI>80

## Mod. QP



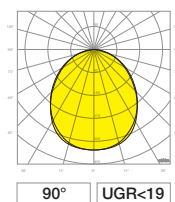
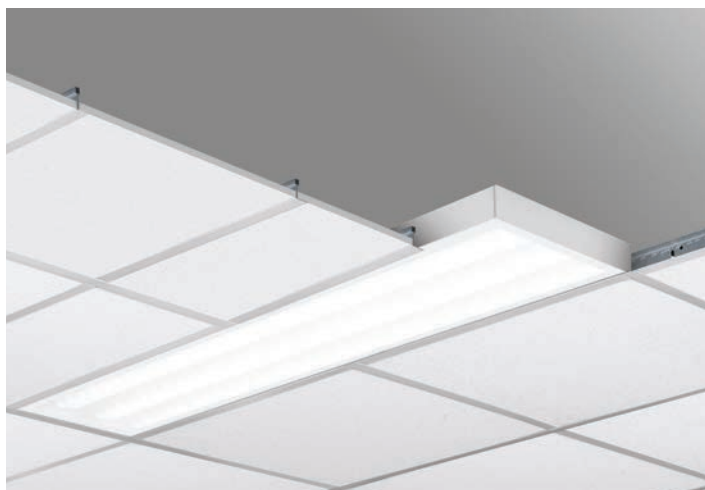
**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
28	6x64	5607	3941	141	4x18W fluo	D1
45	6x64	8715	6126	136	4x24W fluo	D1
48	6x32	8084	5683	118	4x24W fluo	D1
72	6x32	11099	7802	108	4x40W FL-C	D1
92	6x64	14825	10421	113	4x40W FL-C	D1
120	6x64	19290	13560	113	4x55W FL-C	D1

\*4000K CRI>80

## Mod. RP



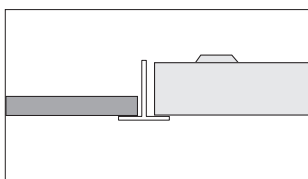
**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
28	3x128	5607	3941	141	2x36W fluo	D2
45	3x128	8715	6126	136	2x54W fluo	D2
48	3x64	8084	5683	118	2x54W fluo	D2
72	3x64	11099	7802	108	3x54W fluo	D2
92	3x128	14825	10421	113	150W JM	D2
120	3x128	19290	13560	113	250W JM	D2

\*4000K CRI>80

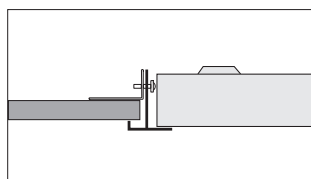
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

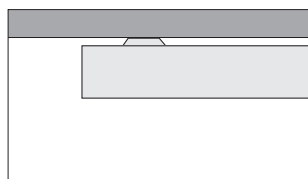
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC002/003)

Plasterboard ceiling installation. Frame installation (ACC002/003)

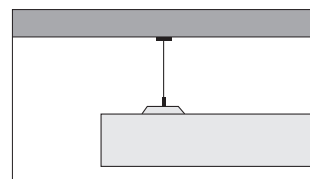
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



ACC002 - ACC003



ACC006



ACC017



ACC018



ACC035



ACC149



ACC150

**ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

**ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm

**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

Foro di incasso 605x605mm  
Recessed hole 605x605mm

Foro di incasso 305x1205mm  
Recessed hole 305x1205mm

# TESSA

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



## CARATTERISTICHE / MAIN FEATURES

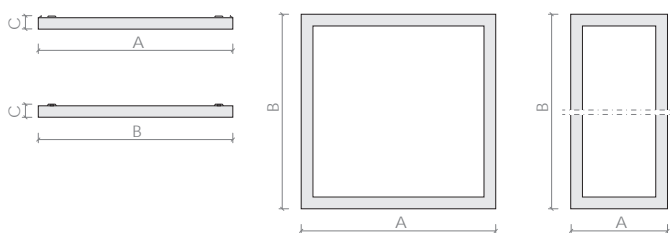
| | 220/240 V<sub>≈</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1880		QP	3	= 3000°K (CRI >80)	026	061	EL	= on/off
		RP	4	= 4000°K (CRI >80)	035	070	LM	= 1-10v
			5	= 5000°K (CRI >80)	048	072	LD	= dali
			6	= 6500°K (CRI >80)	049	092	D1	= dali + em. 1h
			9	= 4000°K (CRI >90)	056	120	E1	= em. 1h
							E3	= em. 3h
							BT	= bluetooth Dali

## DIMENSIONI / DIMENSIONS

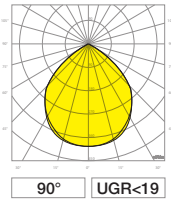
	A	B	C	Kg	mc	
<b>D1</b>	595	595	35	4,5	0,015	50
<b>D2</b>	295	595	35	3,0	0,008	100
<b>D3</b>	295	1195	35	4,5	0,015	50
<b>D4</b>	295	1495	35	6,5	0,018	30
<b>D5</b>	595	1195	35	9,0	0,029	30



**D1 - D5**

**D2 - D3 - D4**

## Mod. QP



### Ottica

Diffusore metacrilato prismatico antiabbagliamento e antiriflesso

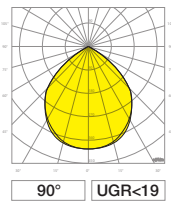
### Optic

Anti-glare prismatic methacrylate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
35	4x32	5781	4393	126	4x18W fluo	D1
48	6x32	8084	6143	128	4x24W fluo	D1
49	5x32	7971	6057	124	4x24W fluo	D1
72	6x32	12459	9468	132	4x40W FL-C	D1
92	6x64	14825	11267	122	4x40W FL-C	D1
120	6x64	19290	14660	122	4x55W FL-C	D1

\*4000K CRI>80

## Mod. RP



### Ottica

Diffusore metacrilato prismatico antiabbagliamento e antiriflesso

### Optic

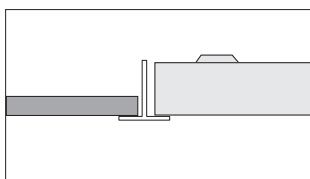
Anti-glare prismatic methacrylate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
26	3x32	4335	3294	127	2x18W fluo	D2
35	2x64	5781	4393	126	2x36W fluo	D3
48	3x64	8084	6143	128	2x54W fluo	D3
49	2x80	7971	6057	124	2x49W fluo	D4
56	3x64	9163	6963	124	2x54W fluo	D3
61	3x80	10158	7720	127	2x58W fluo	D4
70	4x64	11562	8787	126	4x36W fluo	D5
72	3x64	12459	9468	132	4x40W FL-C	D3
92	3x128	14825	11267	122	4x40W FL-C	D3
120	3x128	19290	14660	122	4x55W FL-C	D3

\*4000K CRI>80



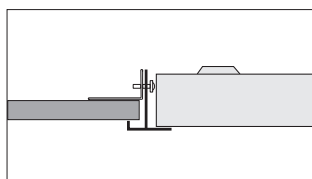
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

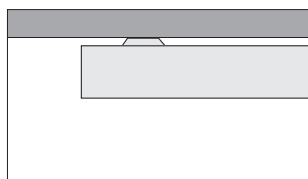
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC001/005)

Plasterboard ceiling installation. Frame installation (ACC001/005)

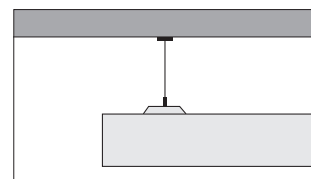
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

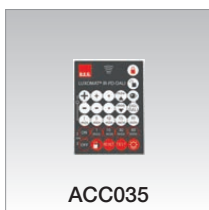
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



**ACC001** Cornice per cartongesso 320x620mm  
Frame for plasterboard installation 320x620mm

**ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

**ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm

**ACC004** Cornice per cartongesso 620x1220mm  
Frame for plasterboard installation 620x1220mm

**ACC005** Cornice per cartongesso 320x1520mm  
Frame for plasterboard installation 320x1520mm

**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

Foro di incasso 305x605mm  
Recessed hole 305x605mm

Foro di incasso 605x605mm  
Recessed hole 605x605mm

Foro di incasso 305x1205mm  
Recessed hole 305x1205mm

Foro di incasso 605x1205mm  
Recessed hole 605x1205mm

Foro di incasso 305x1505mm  
Recessed hole 305x1505mm





# LEILA

Apparecchio da incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Cornice costruita in profilo di alluminio trafilato, verniciato con polveri epossipoliestere di colore bianco e antingiallente, con pretrattamento di fosfatazione e sgrassaggio, fondo in lamiera imbutito, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Laying recessed fitting for countertop installation in false ceiling with visible structure 15/24mm or surface mounted. Steel sheet frame, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220/240 V<sub>≈</sub>

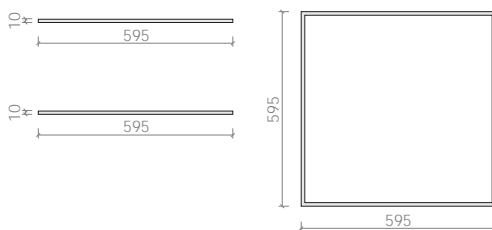
 -25°C / +45°C
 | IP40
 | IK07
 | RG0
 | CRI >80
 | 3 step MacAdam
 | <10% LOW flicker
 | L90-B10 >50.000h
 | L80-B50 >90.000h
 |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1809		Q3		04 = 4000°K (CRI >80)		16		EL = on/off
		QP				36		LM = 1-10v
								LD = dali
								D1 = dali + em. 1h
								E1 = em. 1h
								E3 = em. 3h
								FF = flicker free

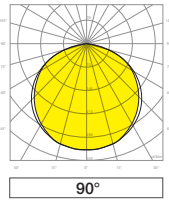
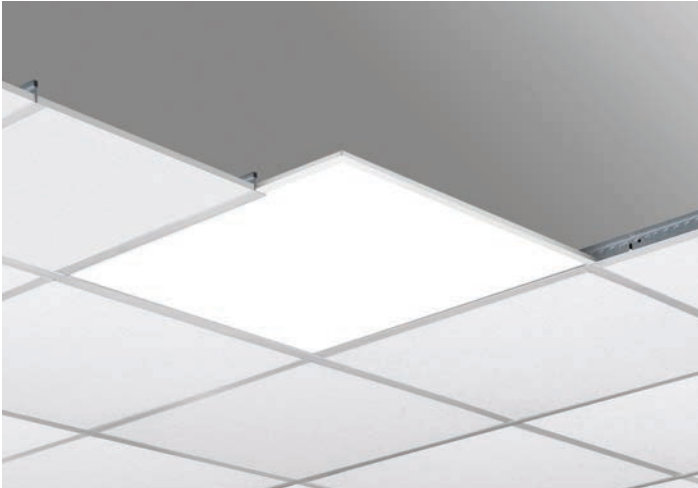
## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
595	595	10	3,5	0,010	90



RAL 9003

## Mod. Q3



### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

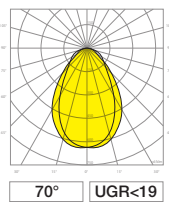
### Optic

Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
16	200	2233	1708	107	3x14W fluo	D1
36	200	4400	3365	93	4x18W fluo	D1

\*4000K CRI>80

## Mod. QP



### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
16	200	2537	1969	123	3x14W fluo	D1
36	200	4750	3686	102	4x18W fluo	D1

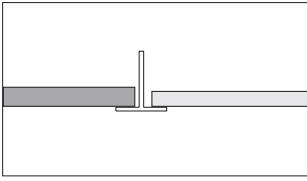
\*4000K CRI>80



Mod. Q3

Mod. QP

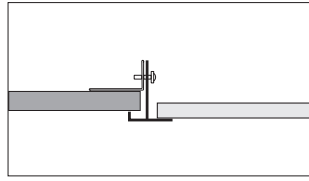
Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

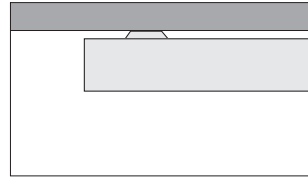
Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC002)

Plasterboard ceiling installation. Frame installation (ACC002)

Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. Installazione con cornice (ACC037)

Surface mounting installation. Installation with frame (ACC037)

ACCESSORI / ACCESSORIES



- ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm
- ACC037** Cornice per installazione a plafone  
Frame for ceiling installation
- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

Foro di incasso 605x605mm  
Recessed hole 605x605mm  
Dimensioni: 598x598x55mm  
Dimensions: 598x598x55mm

# CAPRI

Apparecchio installabile in incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco e antingiallente, con pretrattamento di fosfatazione e sgrassaggio, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> 240 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1853		Q1		03 = 3000°K (CRI >80)		18		EL = on/off
		Q2		04 = 4000°K (CRI >80)		24		LM = 1-10v
		Q4		05 = 5000°K (CRI >80)		33		LD = dali
		R1		65 = 6500°K (CRI >80)		48		D1 = dali + em. 1h
		R2		94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

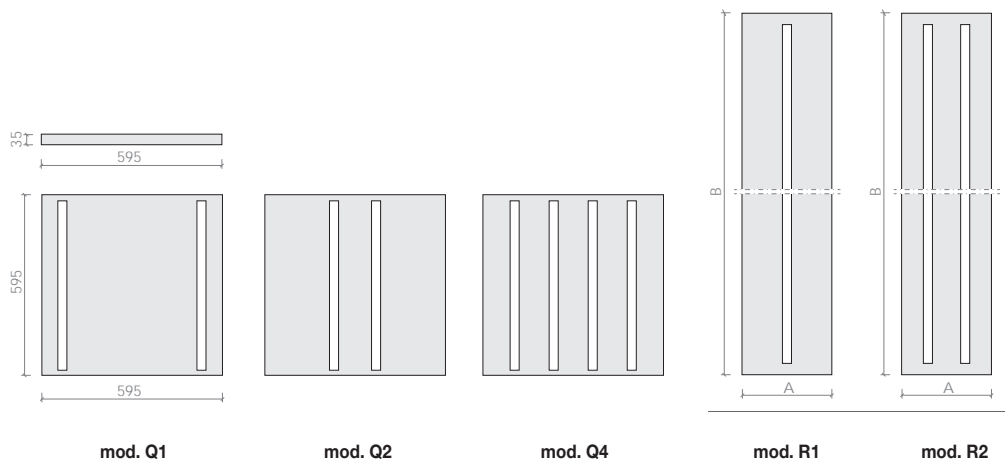
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	35	4,5	0,015	70
<b>D2</b>	295	595	35	2,5	0,007	100
<b>D3</b>	295	1195	35	4,5	0,015	70

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.30%**





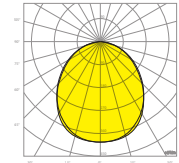
## Mod. Q1

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90°

UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	2x64	4216	2963	123	4x14W fluo	D1
33	4000K - CRI>80	2x64	5390	3789	115	4x18W fluo	D1
48	4000K - CRI>80	2x64	7101	4992	104	4x24W fluo	D1



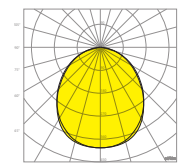
## Mod. Q2

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90°

UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	2x64	4126	2963	123	4x14W fluo	D1
33	4000K - CRI>80	2x64	5390	3789	115	4x18W fluo	D1
48	4000K - CRI>80	2x64	7101	4992	104	4x24W fluo	D1



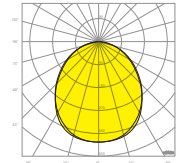
## Mod. Q4

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	4x32	4216	2963	123	4x14W fluo	D1
33	4000K - CRI>80	4x32	5390	3789	115	4x18W fluo	D1
48	4000K - CRI>80	4x32	7101	4992	104	4x24W fluo	D1



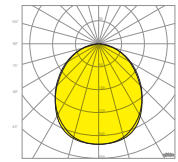
## Mod. R1

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

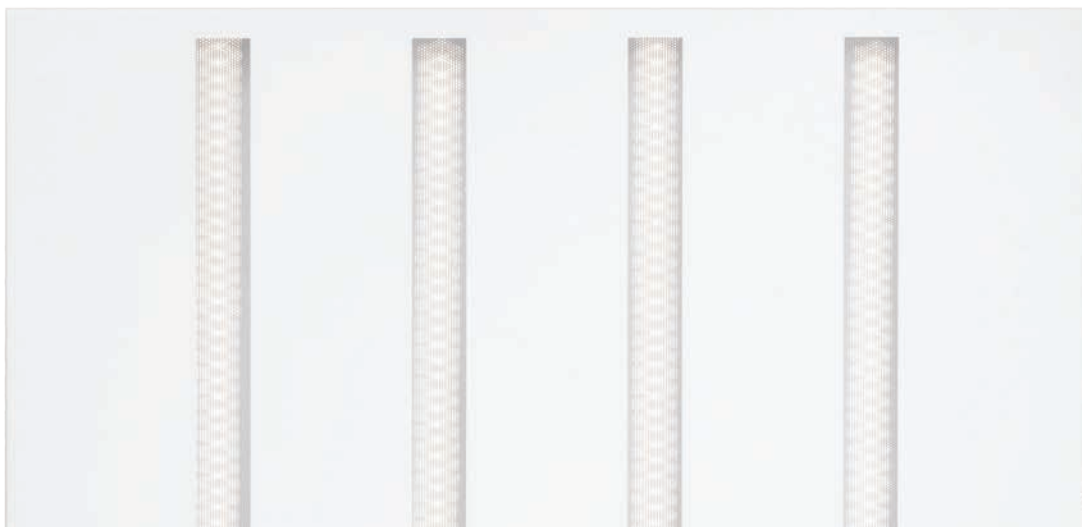
### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
18	4000K - CRI>80	1x64	2709	1904	106	2x18W fluo	D2
24	4000K - CRI>80	1x128	4216	2963	123	2x28W fluo	D3
33	4000K - CRI>80	1x128	5390	3789	115	2x36W fluo	D3
48	4000K - CRI>80	1x128	7101	4992	104	2x54W fluo	D3



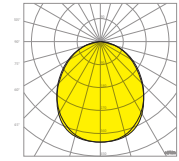
## Mod. R2

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



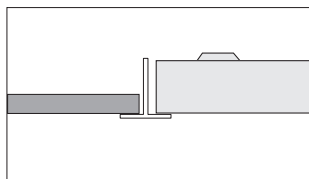
90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
18	4000K - CRI>80	2x32	2709	1904	106	2x18W fluo	D2
24	4000K - CRI>80	2x64	4216	2963	123	2x28W fluo	D3
33	4000K - CRI>80	2x64	5390	3789	115	2x36W fluo	D3
48	4000K - CRI>80	2x64	7101	4992	104	2x54W fluo	D3

## INSTALLAZIONE / INSTALLATION

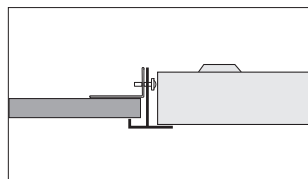
Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC001/005)

Plasterboard ceiling installation. Frame installation (ACC001/005)

## ACCESSORI / ACCESSORIES



**ACC001** Cornice per cartongesso 320x620mm  
Frame for plasterboard installation 320x620mm

**ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

**ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

Foro di incasso 305x605mm  
Recessed hole 305x605mm

Foro di incasso 605x605mm  
Recessed hole 605x605mm

Foro di incasso 305x1205mm  
Recessed hole 305x1205mm



# TECLA

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

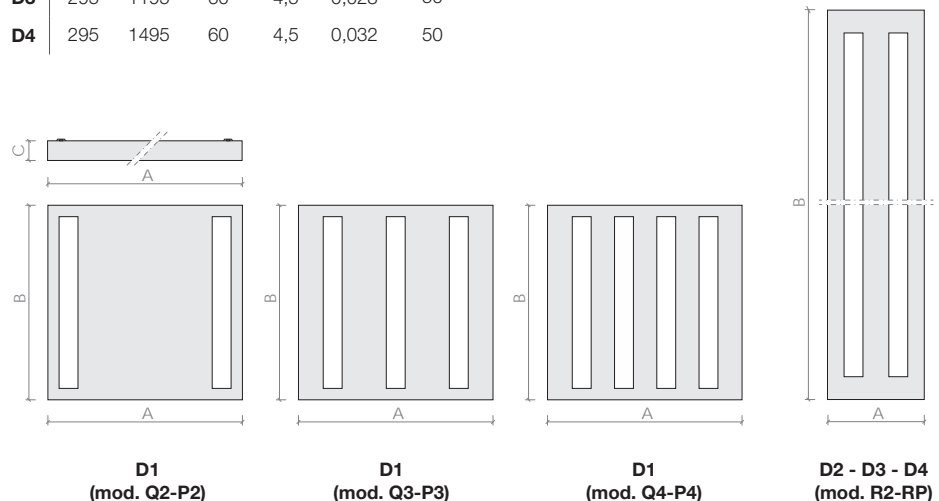
220 V<sub>~</sub> 240 | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1850		Q2 P2		03 = 3000°K (CRI >80)		18		EL = on/off
		Q3 P3		04 = 4000°K (CRI >80)		24		LM = 1-10v
		Q4 P4		05 = 5000°K (CRI >80)		30		LD = dali
		R2 RP		65 = 6500°K (CRI >80)		33		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		37		E1 = em. 1h
						48		E3 = em. 3h
						60		BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	60	4,5	0,023	50
<b>D2</b>	295	595	60	3,0	0,013	50
<b>D3</b>	295	1195	60	4,5	0,023	50
<b>D4</b>	295	1495	60	4,5	0,032	50

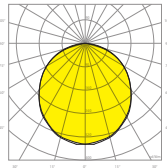


RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## Mod. Q2



90° UGR<19

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

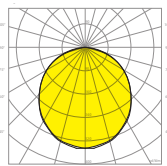
### Optic

Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
30	2x32	4282	2997	100	4x14W fluo	D1

\*4000K CRI>80

## Mod. Q3



90° UGR<19

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

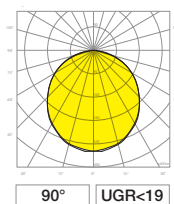
### Optic

Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
24	3x32	4042	2829	118	3x18W fluo	D1
37	3x32	5326	3728	101	3x24W fluo	D1

\*4000K CRI>80

## Mod. Q4



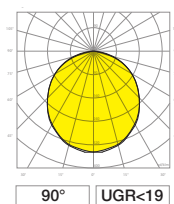
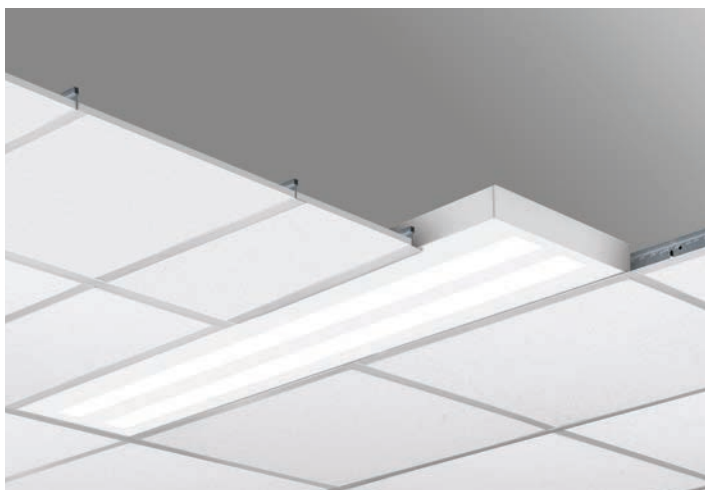
**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Optic**  
Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
33	4x32	5390	3773	114	4x18W fluo	D1
48	4x32	7101	4970	104	4x24W fluo	D1

\*4000K CRI>80

## Mod. R2



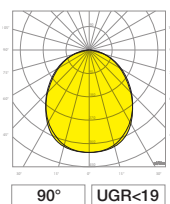
**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Optic**  
Anti-glare smooth opal polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
18	2x32	2695	1886	105	2x18W fluo	D2
33	2x64	5390	3773	114	2x36W fluo	D3
60	2x80	8955	6268	104	2x58W fluo	D4

\*4000K CRI>80

## Mod. P2



### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

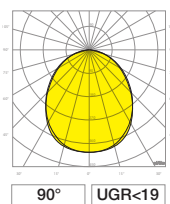
### Optic

Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
30	2x32	4282	2911	97	4x14W fluo	D1

\*4000K CRI>80

## Mod. P3



### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

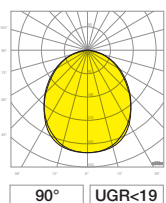
### Optic

Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
24	3x32	4042	2748	115	3x18W fluo	D1
37	3x32	5326	3621	98	3x24W fluo	D1

\*4000K CRI>80

## Mod. P4



### Optica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

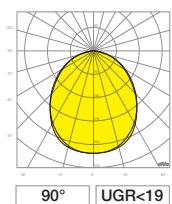
### Optic

Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
33	4x32	5390	3665	111	4x18W fluo	D1
48	4x32	7101	4828	101	4x24W fluo	D1

\*4000K CRI>80

## Mod. RP



### Optica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

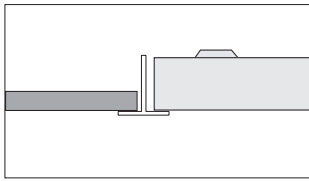
### Optic

Anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
18	2x32	2695	1832	102	2x18W fluo	D2
33	2x64	5390	3665	111	2x36W fluo	D3
60	2x80	8955	6089	101	2x58W fluo	D4

\*4000K CRI>80

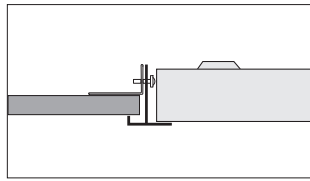
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

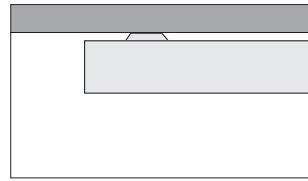
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC001/005)

Plasterboard ceiling installation. Frame installation (ACC001/005)

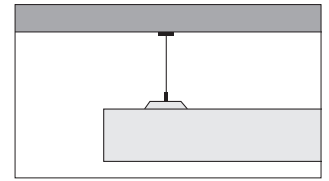
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



- ACC001** Cornice per cartongesso 320x620mm  
Frame for plasterboard installation 320x620mm
- ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm
- ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm
- ACC004** Cornice per cartongesso 620x1220mm  
Frame for plasterboard installation 620x1220mm
- ACC005** Cornice per cartongesso 320x1520mm  
Frame for plasterboard installation 320x1520mm
- ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable
- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

- Foro di incasso 305x605mm  
Recessed hole 305x605mm
- Foro di incasso 605x605mm  
Recessed hole 605x605mm
- Foro di incasso 305x1205mm  
Recessed hole 305x1205mm
- Foro di incasso 605x1205mm  
Recessed hole 605x1205mm
- Foro di incasso 305x1505mm  
Recessed hole 305x1505mm

# ISA

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antingiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

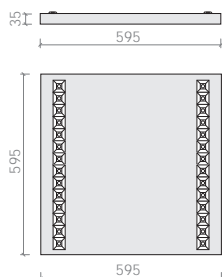
| | 220 V<sub>~</sub> |  $-25^{\circ}\text{C}$  /  $+45^{\circ}\text{C}$  | IP20 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

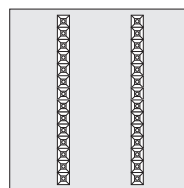
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
3020		Q1		03 = 3000°K (CRI >80)		26		EL = on/off
		Q2		04 = 4000°K (CRI >80)		32		LM = 1-10v
		Q3		05 = 5000°K (CRI >80)		42		LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

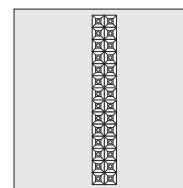
A	B	C	Kg	mc	
595	595	35	4,5	0,015	70



mod. Q1



mod. Q2



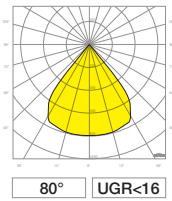
mod. Q3

RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>

## Mod. Q1



### Ottica

Riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <16

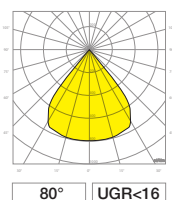
### Optic

Black painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <16

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace
26	2x56	4080	3244	125	3x18W fluo
32	2x56	4992	3968	124	4x18W fluo
42	2x56	6129	4872	116	4x18W fluo

\*4000K CRI>80

## Mod. Q2



### Ottica

Riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <16

### Optic

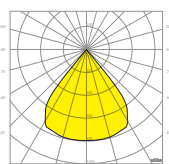
Black painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <16

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace
26	2x56	4080	3244	125	3x18W fluo
32	2x56	4992	3968	124	4x18W fluo
42	2x56	6129	4872	116	4x18W fluo

\*4000K CRI>80



## Mod. Q3



80° UGR<16

### Ottica

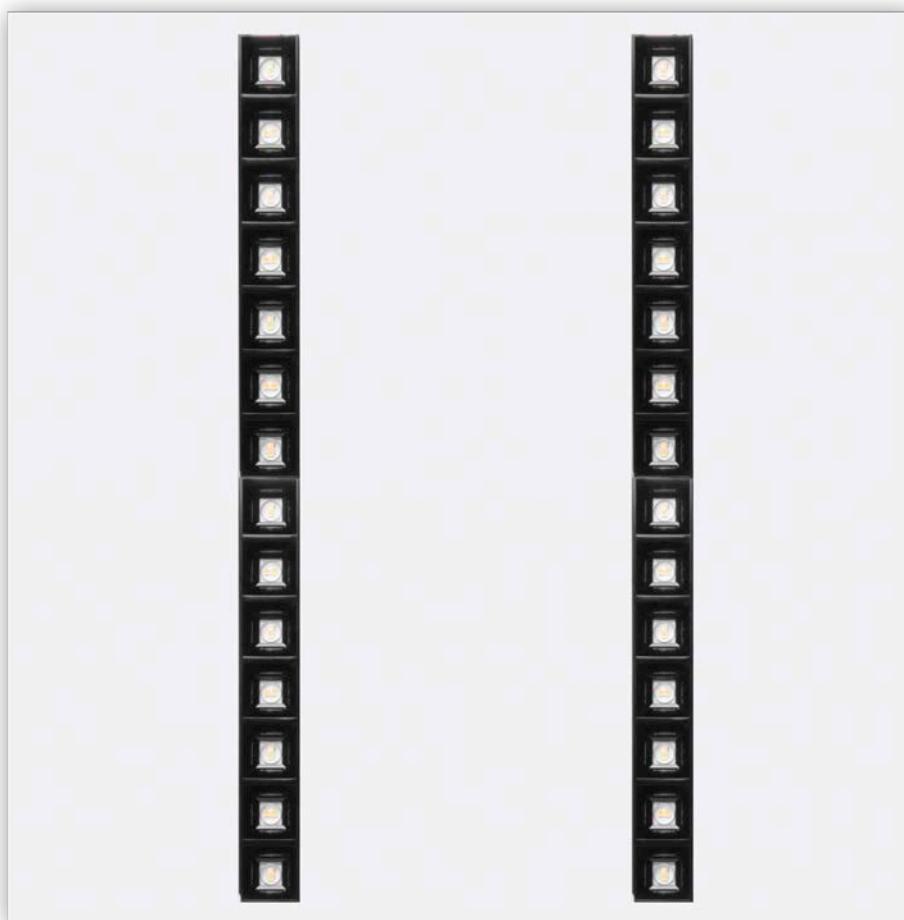
Riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <16

### Optic

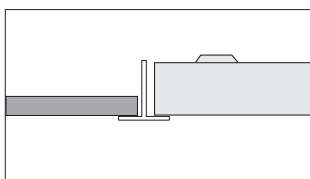
Black painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <16

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace
26	2x56	4080	3244	125	3x18W fluo
32	2x56	4992	3968	124	4x18W fluo
42	2x56	6129	4872	116	4x18W fluo

\*4000K CRI>80



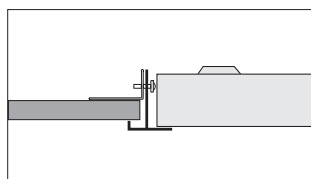
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

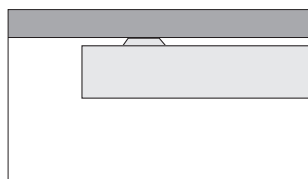
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC002)

Plasterboard ceiling installation. Frame installation (ACC002)

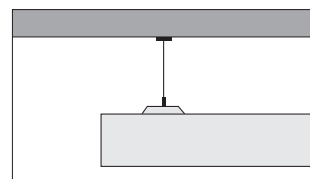
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



**ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

Foro di incasso 605x605mm  
Recessed hole 605x605mm

**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option



**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# PARIS

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antingiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

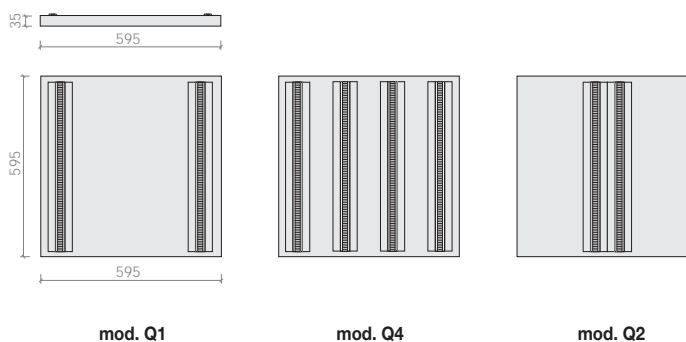
| | 220/240 V<sub>~</sub> | -25°C / +45°C | IP20 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
3021		Q1		03 = 3000°K (CRI >80)		33		EL = on/off
		Q2		04 = 4000°K (CRI >80)		48		LM = 1-10v
		Q4		05 = 5000°K (CRI >80)				LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
595	595	40	4,5	0,015	70

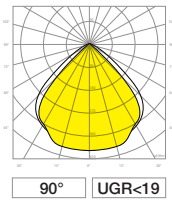


RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>

## Mod. Q1



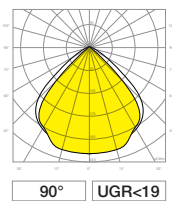
**Ottica**  
Lente simmetrica 90° in PMMA ad alto rendimento.

**Optic**  
Symmetrical 90° lens in high performance PMMA.

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace
33	2x64	5390	4419	134	4x18W fluo
48	2x64	7101	5822	121	4x24W fluo

\*4000K CRI>80

## Mod. Q2



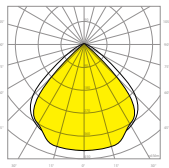
**Ottica**  
Lente simmetrica 90° in PMMA ad alto rendimento.

**Optic**  
Symmetrical 90° lens in high performance PMMA.

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace
33	2x64	5390	4419	134	4x18W fluo
48	2x64	7101	5822	121	4x24W fluo

\*4000K CRI>80

## Mod. Q4



### Ottica

Lente simmetrica 90° in PMMA ad alto rendimento.

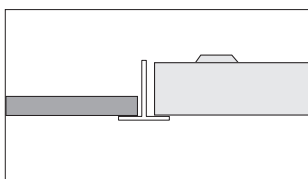
### Optic

Symmetrical 90° lens in high performance PMMA.

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace
33	2x64	5390	4419	134	4x18W fluo
48	2x64	7101	5822	121	4x24W fluo

\*4000K CRI>80

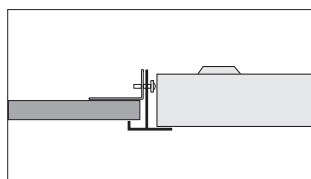
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

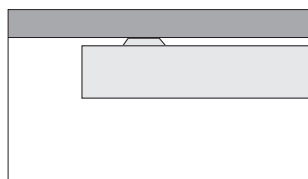
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC002)

Plasterboard ceiling installation. Frame installation (ACC002)

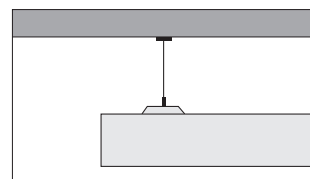
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



ACC002 Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

Foro di incasso 605x605mm  
Recessed hole 605x605mm

ACC006 Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable



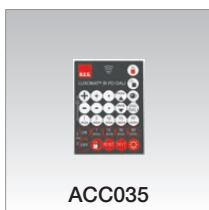
ACC017 Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

ACC018 Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

ACC035 Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

ACC149 Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

ACC150 Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# TOKYO

Apparecchio installabile in incasso in pannelli aventi struttura portante a vista 15/24 mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antingiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Laying recessed fitting for countertop installation in false ceiling with visible structure 15/24mm or surface mounted. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE |  $220 \text{ V} \approx 240$  |  $-25^{\circ}\text{C}$  |  $+45^{\circ}\text{C}$  | IP40 | IK07 | RG0 | CRI >80 | CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1800		PS		03 = 3000°K (CRI >80)		26		EL = on/off
		PT		04 = 4000°K (CRI >80)		32		LM = 1-10v
				05 = 5000°K (CRI >80)		44		LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h

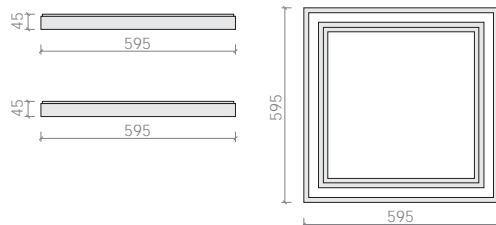
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	45	4,5	0,025	50
<b>D2</b>	595	595	45	4,8	0,025	50

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**





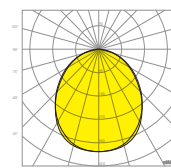
## Mod. PS

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
26	4000K - CRI>80	4x30	4373	3104	119	4x14W fluo	D1
32	4000K - CRI>80	4x30	5148	3655	114	4x18W fluo	D1
44	4000K - CRI>80	4x30	6853	4865	111	4x24W fluo	D1



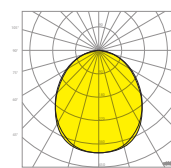
## Mod. PT

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
26	4000K - CRI>80	4x30	4373	3104	119	4x14W fluo	D2
32	4000K - CRI>80	4x30	5148	3655	114	4x18W fluo	D2
44	4000K - CRI>80	4x30	6853	4865	111	4x24W fluo	D2

### Dotazione

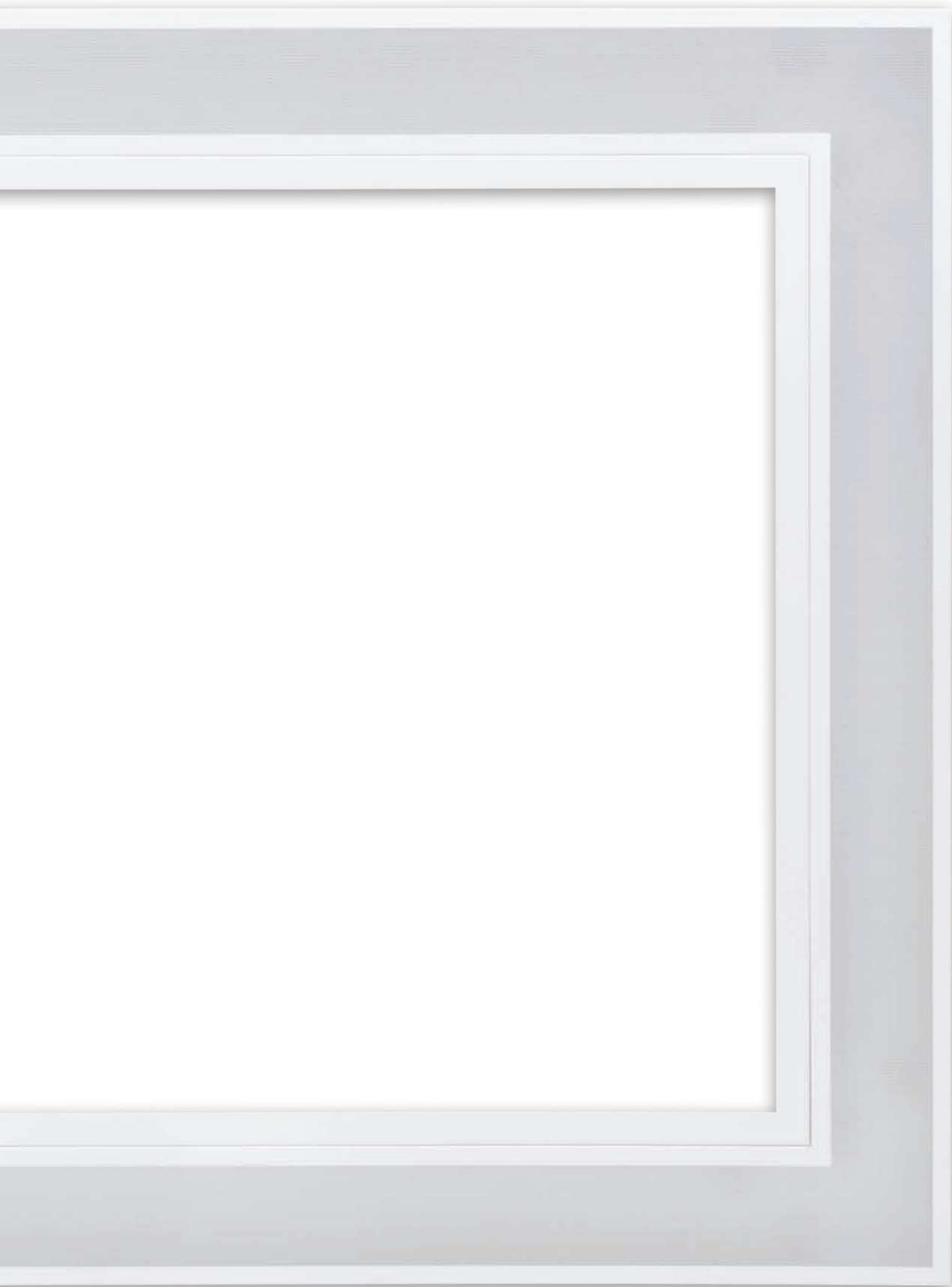
Tappo centrale di chiusura incluso (ACC072).

### Equipment

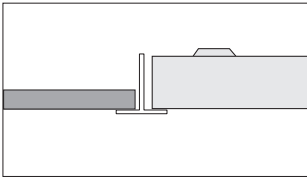
Central closing cap included (ACC072).







Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad  
incasso in appoggio per controsoffitti  
con struttura a vista

False ceiling with visible structure  
installation

ACCESSORI / ACCESSORIES

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ACC017



ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC072** Tappo di chiusura centrale in lamiera verniciato bianco  
Central closing cap in white painted sheet



ACC072

# DARK-LED

Apparecchio da incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Costruito in lamiera d'acciaio, zincato, preverniciato con resina poliestere bianca, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

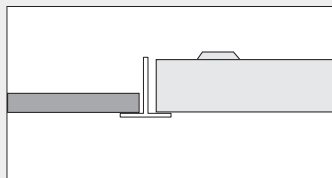
Laying recessed fitting for installation in false ceiling with visible structure 15/24mm. Zinc plated steel sheet body, pre-painted with white polyester resin. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



Installazione in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

 RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**


## CARATTERISTICHE / MAIN FEATURES

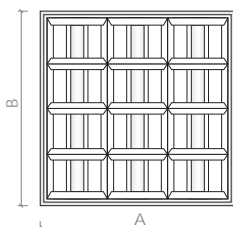
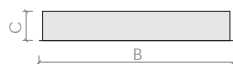
  220 V<sub>~</sub> | -25°C | IP20 | IK07 | RG0 | CRI >80 |  3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h |  **A++**

## CODIFICA / CODING

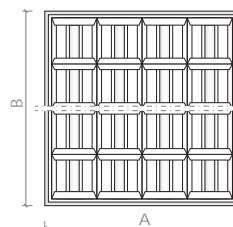
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1120		Q3		03 = 3000°K (CRI >80)		15		EL = on/off
		Q4		04 = 4000°K (CRI >80)		24		LM = 1-10v
		R2		05 = 5000°K (CRI >80)		33		LD = dali
				65 = 6500°K (CRI >80)		37		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		48		E1 = em. 1h
						66		E3 = em. 3h
						72		BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

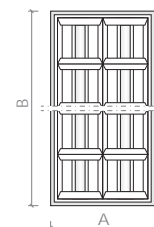
	A	B	C	Kg	mc	
<b>D1</b>	595	595	90	5,0	0,037	50
<b>D2</b>	595	595	90	5,0	0,037	50
<b>D3</b>	295	595	90	3,0	0,018	100
<b>D4</b>	295	1195	90	5,0	0,035	50
<b>D5</b>	595	1195	90	10,0	0,072	30



**D1**



**D2 - D5**



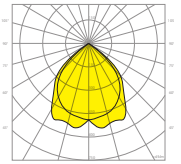
**D3 - D4**



## Mod. Q3

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

**Optic** Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



90° UGR<16

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
24	3x32	4042	2708	113	3x18W fluo	D1
37	3x32	5326	3568	96	3x24W fluo	D1
72	3x64	11099	7436	103	4x40W FL-C	D1

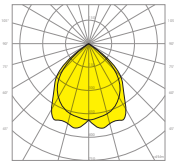
\*4000K CRI>80



## Mod. Q4

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

**Optic** Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



90° UGR<16

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
33	4x32	5390	3611	109	4x18W fluo	D2
48	4x32	7101	4757	99	4x24W fluo	D2

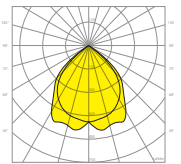
\*4000K CRI>80



## Mod. R2

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

**Optic** Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.

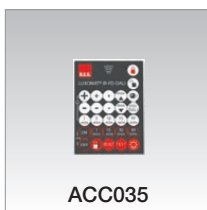


90° UGR<16

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
15	2x32	2524	1691	113	2x18W fluo	D3
33	2x64	5390	3611	109	2x36W fluo	D4
48	2x64	7101	4757	99	2x36W fluo	D4
66	4x64	10780	7222	109	4x36W fluo	D5

\*4000K CRI>80

### ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)



**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

# DARK-LED HP

Apparecchio da incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Costruito in lamiera d'acciaio, zincato, preverniciato con resina poliestere bianca, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

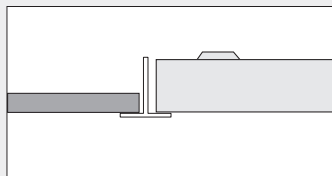
Laying recessed fitting for installation in false ceiling with visible structure 15/24mm. Zinc plated steel sheet body, pre-painted with white polyester resin. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



Installazione in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

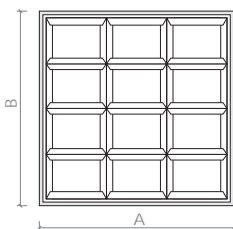
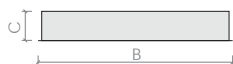
## CARATTERISTICHE / MAIN FEATURES

## CODIFICA / CODING

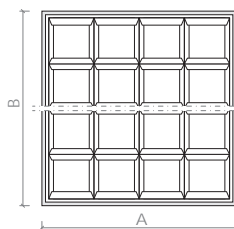
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1122		Q3		30 = 3000°K (CRI >80)		17		EL = on/off
		Q4		40 = 4000°K (CRI >80)		26		LM = 1-10v
		R2		50 = 5000°K (CRI >80)		34		LD = dali
				65 = 6500°K (CRI >80)		35		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		46		E1 = em. 1h
						70		E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

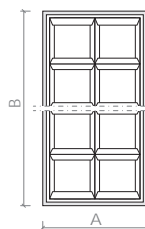
	A	B	C	Kg	mc	
<b>D1</b>	595	595	90	5,0	0,037	50
<b>D2</b>	595	595	90	5,0	0,037	50
<b>D3</b>	295	595	90	3,0	0,018	100
<b>D4</b>	295	1195	90	5,0	0,035	50
<b>D5</b>	595	1195	90	10,0	0,072	30



**D1**



**D2 - D5**



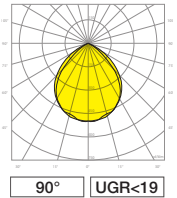
**D3 - D4**



## Mod. Q3

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Filtro in PMMA prismaticizzato per una schermatura totale del vano ottico

**Optic** Dark light louvre with double parabolic low luminance (60° 200 cd/mq cat2). Prismatic PMMA diffuser for total shielding of the louvre compartment



W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
26	3x32	4776	3223	124	3x18W fluo	D1
34	3x32	6520	4401	129	4x18W fluo	D1

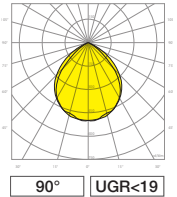
\*4000K CRI>80



## Mod. Q4

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Filtro in PMMA prismaticizzato per una schermatura totale del vano ottico

**Optic** Dark light louvre with double parabolic low luminance (60° 200 cd/mq cat2). Prismatic PMMA diffuser for total shielding of the louvre compartment



W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
35	4x32	6368	4298	123	4x18W fluo	D2
46	4x32	8694	5868	128	4x24W fluo	D2
70	4x64	12736	8596	123	4x40W FL-C	D2

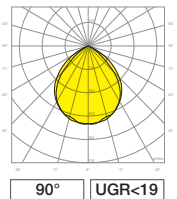
\*4000K CRI>80



## Mod. R2

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Filtro in PMMA prismaticizzato per una schermatura totale del vano ottico

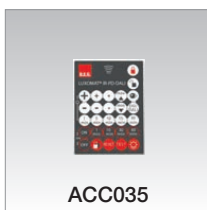
**Optic** Dark light louvre with double parabolic low luminance (60° 200 cd/mq cat2). Prismatic PMMA diffuser for total shielding of the louvre compartment



W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
17	2x32	3184	2149	126	2x18W fluo	D3
35	2x64	6368	4289	123	2x36W fluo	D4
46	2x64	8694	5868	128	2x54W fluo	D4
70	4x64	12736	8596	123	4x36W fluo	D5

\*4000K CRI>80

## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)



**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

# CRETA

Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Multi-installation LED fitting, suitable for recessed installation in false ceiling with visible structure 15/24mm, surface mounting or suspended (suspension kit needed). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

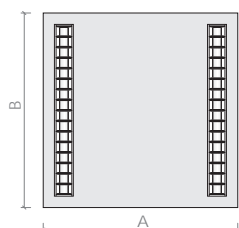
| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP20 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h |

## CODIFICA / CODING

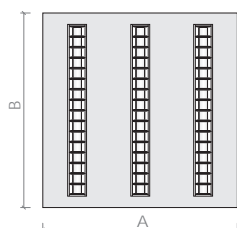
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
3010		Q2		03 = 3000°K (CRI >80)	18	37		EL = on/off
		Q3		04 = 4000°K (CRI >80)	23	48		LM = 1-10v
		Q4		05 = 5000°K (CRI >80)	24	60		LD = dali
		R2		65 = 6500°K (CRI >80)	30			D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	33			E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

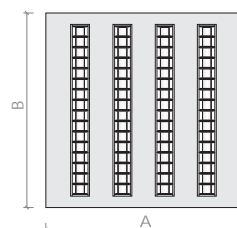
	A	B	C	Kg	mc	
<b>D1</b>	595	595	60	4,5	0,023	60
<b>D2</b>	295	595	60	3,0	0,013	100
<b>D3</b>	295	1195	60	4,5	0,023	60
<b>D4</b>	295	1495	60	5,5	0,031	60



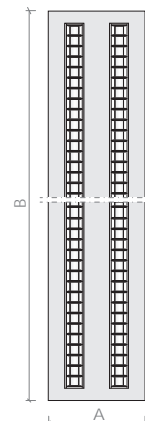
**D1**  
(mod. Q2)



**D1**  
(mod. Q3)



**D1**  
(mod. Q4)



**D2 - D3 - D4**  
(mod. R2)

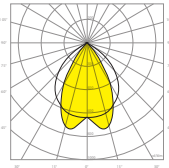
RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



## Mod. Q2



80° UGR<19

### Ottica

Ottica micro dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2)

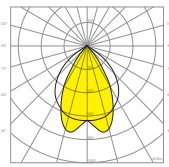
### Optic

Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2)

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
18	2x32	2695	2026	113	3x14W fluo	D1
23	2x32	3551	2670	116	3x14W fluo	D1
30	2x32	4282	3220	107	4x14W fluo	D1

\*4000K CRI>80

## Mod. Q3



80° UGR<19

### Ottica

Ottica micro dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2)

### Optic

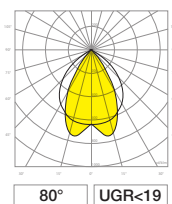
Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2)

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
24	3x32	4042	3039	127	3x18W fluo	D1
37	3x32	5326	4005	108	3x18W fluo	D1

\*4000K CRI>80



## Mod. Q4



### Ottica

Ottica micro dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2)

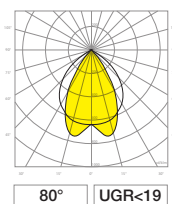
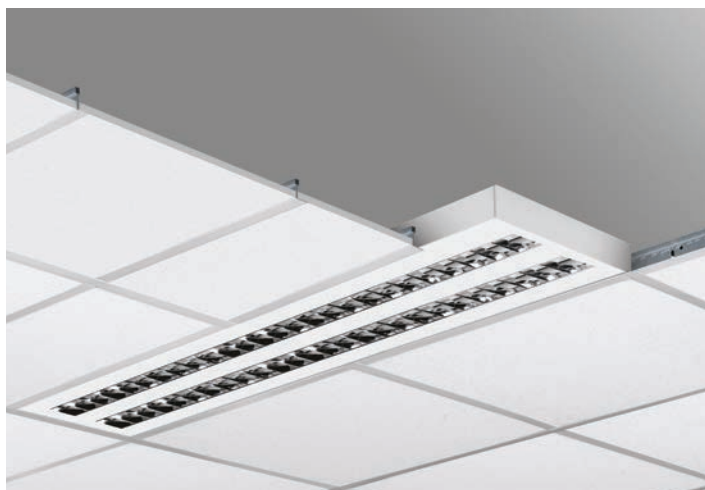
### Optic

Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2)

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
33	4x32	5390	4053	123	4x18W fluo	D1
48	4x32	7101	5339	111	4x24W fluo	D1

\*4000K CRI>80

## Mod. R2



### Ottica

Ottica micro dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2)

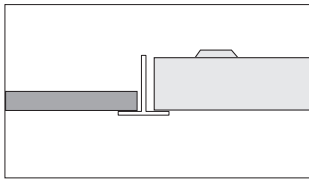
### Optic

Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2)

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
18	2x32	2695	2026	113	2x18W fluo	D2
33	2x64	5390	4053	123	2x36W fluo	D3
60	2x80	8955	6734	112	2x58W fluo	D4

\*4000K CRI>80

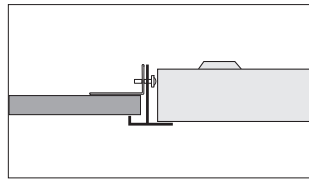
Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

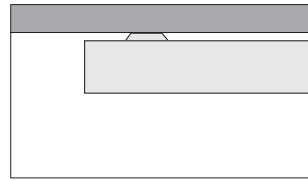
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC001/005)

Plasterboard ceiling installation. Frame installation (ACC001/005)

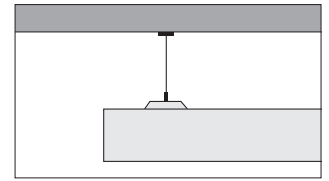
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



**ACC001** Cornice per cartongesso 320x620mm  
Frame for plasterboard installation 320x620mm

**ACC002** Cornice per cartongesso 620x620mm  
Frame for plasterboard installation 620x620mm

**ACC003** Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm

**ACC005** Cornice per cartongesso 320x1520mm  
Frame for plasterboard installation 320x1520mm

**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

Foro di incasso 305x605mm  
Recessed hole 305x605mm

Foro di incasso 605x605mm  
Recessed hole 605x605mm

Foro di incasso 305x1205mm  
Recessed hole 305x1205mm

Foro di incasso 305x1505mm  
Recessed hole 305x1505mm

# DAMA

Apparecchio da incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco e antingiallente, con pretrattamento di fosfatazione e sgrassaggio, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Laying recessed fitting for installation in false ceiling with visible structure 15/24mm. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

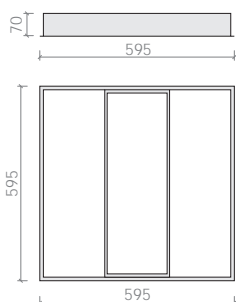
220 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1891		QP		03 = 3000°K (CRI >80)		27		EL = on/off
				04 = 4000°K (CRI >80)		36		LM = 1-10v
				05 = 5000°K (CRI >80)				LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
595	595	70	6,0	0,025	50



RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



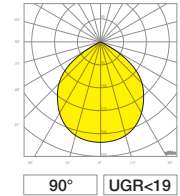
## Mod. QP

### Ottica

Riflettore in alluminio verniciato bianco, diffusore centrale incassato in policarbonato microprismatico antiabbagliamento e antiriflesso.

### Optic

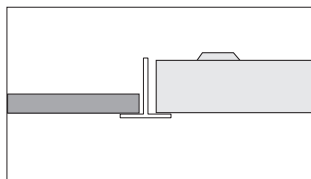
White painted reflector, recessed anti-glare microprismatic polycarbonate diffuser.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
27	4000K - CRI>80	4x32	4802	3375	125	4x18W fluo
36	4000K - CRI>80	4x64	6616	4651	129	4x24W fluo

## INSTALLAZIONE / INSTALLATION

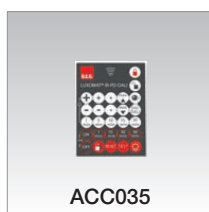
Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# ANCONA

Apparecchio da incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco e antingiallente, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Laying recessed fitting for installation in false ceiling with visible structure 15/24mm. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> |  $-25^{\circ}\text{C}$  /  $+45^{\circ}\text{C}$  | IP20 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1210		A0		03 = 3000°K (CRI >80)		39		EL = on/off
				04 = 4000°K (CRI >80)		57		LM = 1-10v
				05 = 5000°K (CRI >80)				LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

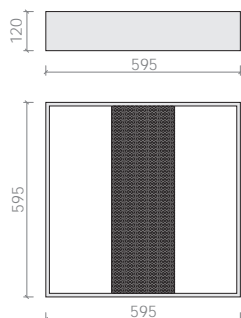
## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
595	595	120	6,5	0,045	40

RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>





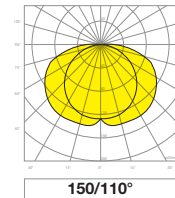
## Mod. A0

### Ottica

Riflettore in alluminio preverniciato bianco.  
Rifratore in lamiera d'acciaio microforata verniciata bianca e foglio in policarbonato opale interno.

### Optic

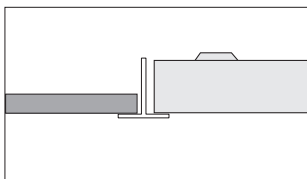
White pre-painted aluminium reflector.  
Micro-pierced white painted steel refractor and internal opal polycarbonate sheet.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
39	4000K - CRI>80	5x32	6737	4810	123	4x24W fluo
57	4000K - CRI>80	5x32	8877	6338	111	4x24W fluo

## INSTALLAZIONE / INSTALLATION

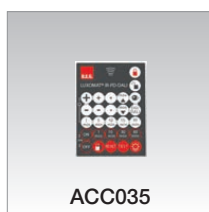
Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# SUNSET

Apparecchio a luce indiretta installabile in incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indirect light fitting for installation in false ceiling with visible structure 15/24mm. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP20 | IK07 | RG0 | CRI >80 | CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1225		AN		03 = 3000°K (CRI >80)		26		EL = on/off
				04 = 4000°K (CRI >80)		32		LM = 1-10v
				05 = 5000°K (CRI >80)		40		LD = dali
				65 = 6500°K (CRI >80)		54		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
595	595	70	5,5	0,029	50

### Dotazione

Apparecchio predisposto in doppia accensione per la luce diretta e indiretta con doppio morsetto di alimentazione.

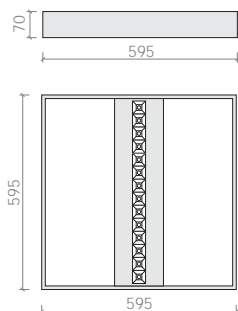
### Equipment

Luminaire for dual ignition for direct and indirect light with double power supply terminal.

RAL 9003

### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



## Mod. AN

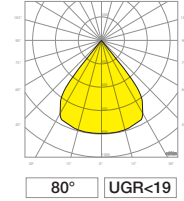


### Optica

Illuminazione diretta mediante riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19. Illuminazione indiretta mediante lenti in PMMA direzionali asimmetriche e pannello curvo verniciato bianco.

### Optic

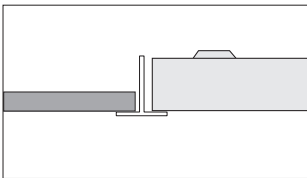
Direct lighting by means in black painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <16. Indirect lighting through asymmetrical directional PMMA lenses and white painted curved panel.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
26	4000K - CRI>80	2x64 + 2x28	4619	3347	129	3x18W fluo
32	4000K - CRI>80	2x64 + 2x28	5616	4064	127	4x18W fluo
40	4000K - CRI>80	2x64 + 2x28	6705	4858	121	4x24W fluo
54	4000K - CRI>80	2x64 + 2x28	8918	6460	120	4x24W fluo

### INSTALLAZIONE / INSTALLATION

Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

### ACCESSORI / ACCESSORIES



ACC017



ACC035



ACC149



ACC150

- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option





# LISBONA

Apparecchio a luce indiretta installabile in incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indirect light fitting for installation in false ceiling with visible structure 15/24mm. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> 240 |  $-25^{\circ}\text{C}$  | IP20 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1226		AV		03 = 3000°K (CRI >80)		25		EL = on/off
				04 = 4000°K (CRI >80)		31		LM = 1-10v
				05 = 5000°K (CRI >80)		38		LD = dali
				65 = 6500°K (CRI >80)		52		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
595	595	70	5,5	0,043	50

## Dotazione

Apparecchio predisposto in doppia accensione per la luce diretta e indiretta con doppio morsetto di alimentazione.

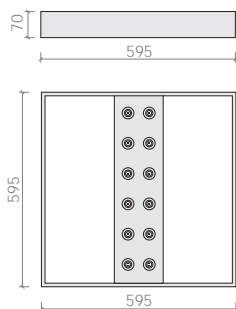
## Equipment

Luminaire for dual ignition for direct and indirect light with double power supply terminal.

RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



## Mod. AV

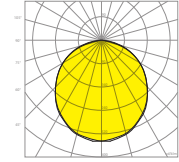


### Ottica

Illuminazione diretta mediante riflettore rotosimmetrico in lamiera imbutita verniciato bianco. Illuminazione indiretta mediante lenti in PMMA direzionali asimmetriche e pannello curvo verniciato bianco.

### Optic

Direct lighting by means of pressed white painted steel sheet rotosymmetrical reflector. Indirect lighting through asymmetrical directional PMMA lenses and white painted curved panel.

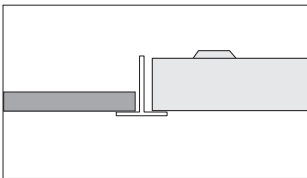


90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
25	4000K - CRI>80	2x64 + 2x24	4418	3310	132	3x18W fluo
31	4000K - CRI>80	2x64 + 2x24	5378	3875	125	4x18W fluo
38	4000K - CRI>80	2x64 + 2x24	6413	4626	122	4x24W fluo
52	4000K - CRI>80	2x64 + 2x24	8530	6151	118	4x24W fluo

### INSTALLAZIONE / INSTALLATION

Installazione ad incasso in appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

### ACCESSORI / ACCESSORIES



- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# TAI

Apparecchio a luce indiretta tipo wall washer installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm o a plafone. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indirect wall washer light luminaire for recessed countertop installation for false ceilings in panels with visible 15/24mm or surface mounting. Steel body, painted with white epoxy-polyester anti-yellowing powder with fine embossed finish, with phosphate and degreasing pretreatment, electronic ballast 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>




## CARATTERISTICHE / MAIN FEATURES

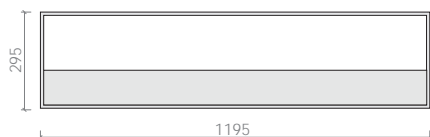
LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP20 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

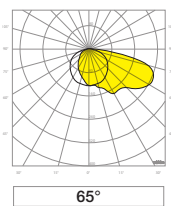
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1212		WW		03 = 3000°K (CRI >80)		36		EL = on/off
				04 = 4000°K (CRI >80)		48		LM = 1-10v
				05 = 5000°K (CRI >80)		60		LD = dali
				65 = 6500°K (CRI >80)		75		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
295	1195	110	7,5	0,044	50



## Mod. WW



### Optica

Illuminazione indiretta mediante riflettore antiabbagliamento in lamiera d'acciaio verniciato bianco.

### Optic

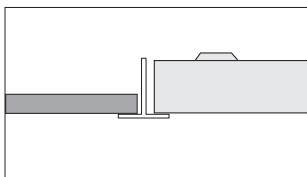
Indirect lighting by means of anti-glare reflector in white painted steel sheet.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
36	2x64	5761	3456	96	2x36W fluo	D1
48	2x64	7310	4386	91	2x54W fluo	D1
60	2x128	9887	5932	99	3x36W fluo	D1
75	2x128	12053	7231	96	3x54W fluo	D1

\*4000K CRI>80

## INSTALLAZIONE / INSTALLATION

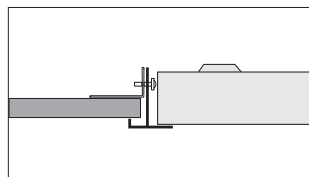
### Installazione ad incasso in appoggio Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

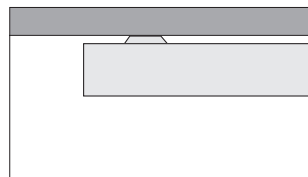
### Installazione ad incasso per controsoffitti in cartongesso Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con cornice (ACC003)

Plasterboard ceiling installation. Frame installation (ACC003)

### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

## ACCESSORI / ACCESSORIES



ACC003 Cornice per cartongesso 320x1220mm  
Frame for plasterboard installation 320x1220mm

Foro di incasso 305x1205mm  
Recessed hole 305x1205mm

ACC017 Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

ACC018 Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

ACC035 Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

ACC149 Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

ACC150 Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# VERONA

Apparecchio da incasso per controsoffitti in pannelli aventi struttura portante nascosta, montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio verniciata con polveri in epossipoliestere di colore bianco e antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettrico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in false ceiling panels with hidden structure. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

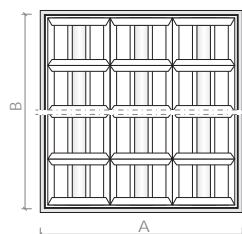
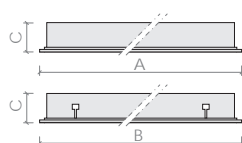
220 V<sub>~</sub> 240 | -25°C | IP20 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

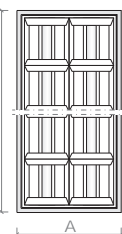
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1110		2Q		03 = 3000°K (CRI >80)	15	38		EL = on/off
		2R		04 = 4000°K (CRI >80)	17	48		LM = 1-10v
		3Q		05 = 5000°K (CRI >80)	24	60		LD = dali
		3R		65 = 6500°K (CRI >80)	32	64		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	33	66		E1 = em. 1h
					37	72		E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

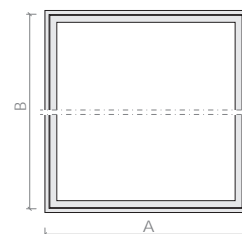
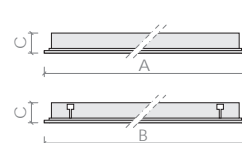
	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	598	598	85	5,0	0,045	50	<b>D6</b>	598	598	60	5,0	0,026	50
<b>D2</b>	298	598	85	3,0	0,023	100	<b>D7</b>	298	598	60	3,0	0,015	100
<b>D3</b>	298	1198	85	5,0	0,035	50	<b>D8</b>	298	1198	60	5,0	0,027	50
<b>D4</b>	298	1498	85	5,5	0,043	50	<b>D9</b>	298	1498	60	5,5	0,035	50
<b>D5</b>	598	1198	85	10,0	0,072	30	<b>D10</b>	598	1198	60	10,0	0,052	30



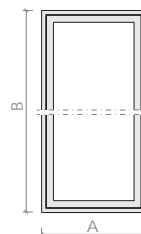
D1



D2-D3-D4-D5



D6



D7-D8-D9-D10

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



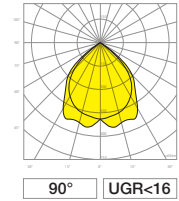
## Mod. 2Q (IP20)

### Optica

Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	3x32	4042	2708	113	3x14W fluo	D1
33	4000K - CRI>80	4x32	5390	3611	109	4x18W fluo	D1
37	4000K - CRI>80	3x32	5326	3568	96	3x24W fluo	D1
48	4000K - CRI>80	4x32	7101	4757	99	4x24W fluo	D1
72	4000K - CRI>80	3x64	11099	7436	103	4x40W FL-C	D1



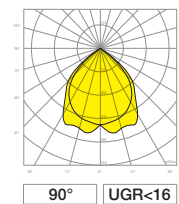
## Mod. 2R (IP20)

### Optica

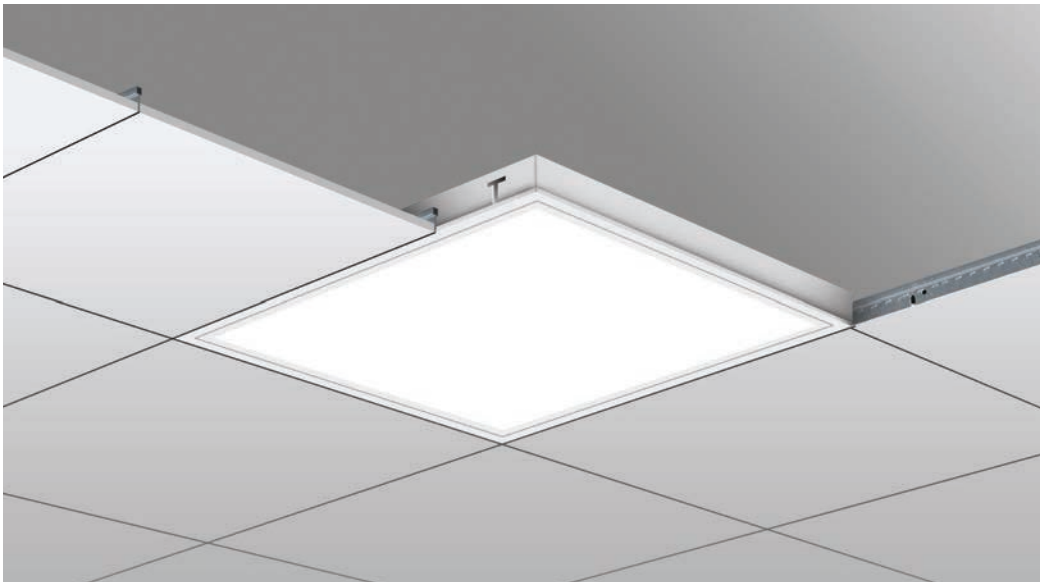
Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
15	4000K - CRI>80	2x32	2524	1691	113	2x18W fluo	D2
33	4000K - CRI>80	2x64	5390	3611	109	2x36W fluo	D3
48	4000K - CRI>80	2x64	7101	4757	99	2x54W fluo	D3
60	4000K - CRI>80	2x80	8955	5999	100	2x58W fluo	D4
66	4000K - CRI>80	4x64	10780	7222	109	4x36W fluo	D5
72	4000K - CRI>80	2x128	11860	7946	110	2x80W fluo	D3



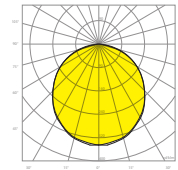
## Mod. 3Q (IP40)

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

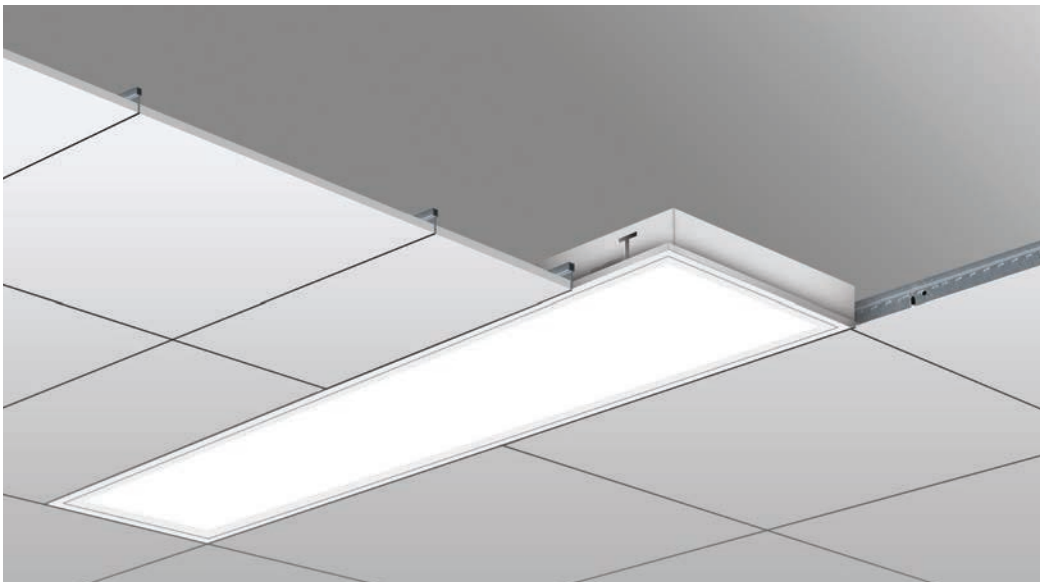
### Optic

Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3882	121	4x18W fluo	D6
38	4000K - CRI>80	120	5978	4453	117	4x18W fluo	D6



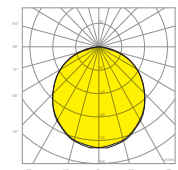
## Mod. 3R (IP40)

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate diffuser



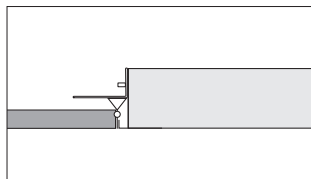
90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1940	114	2x18W fluo	D7
32	4000K - CRI>80	120	5211	3882	121	2x36W fluo	D8
38	4000K - CRI>80	120	5978	4453	117	2x36W fluo	D8
60	4000K - CRI>80	150	8955	6671	111	2x58W fluo	D9
64	4000K - CRI>80	240	10422	7764	121	4x36W fluo	D10

## INSTALLAZIONE / INSTALLATION

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Installazione ad incasso per  
controsoffitti a struttura nascosta  
Installation on false ceiling  
with hidden structure



Apparecchio adatto per installazione  
ad incasso per controsoffitti a struttura  
nascosta. Installazione con staffe  
(incluse)

Installation on false ceiling with hidden  
structure. Brackets included

## ACCESSORI / ACCESSORIES

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ACC017



ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



ACC149



ACC150



# VENEZIA

Apparecchio da incasso per controsoffitti in cartongesso, in doghe da 35 mm passo 50, 85 mm passo 100, 135 mm passo 150, 185 mm passo 200 con e senza scuretto. Montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco antingiallente con finitura goffrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in slats false ceiling or plasterboard ceiling 35 mm pitch 50, 85 mm pitch 100, 135 mm pitch 150, 185 mm pitch 200. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

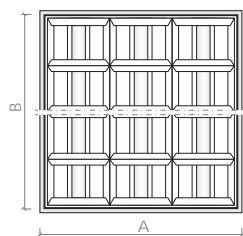
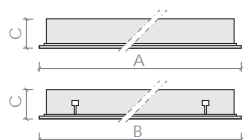
220 V<sub>~</sub> 240 | -25°C | IP20 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1100		2Q		03 = 3000°K (CRI >80)	15	38		EL = on/off
		2R		04 = 4000°K (CRI >80)	17	48		LM = 1-10v
		3Q		05 = 5000°K (CRI >80)	24	60		LD = dali
		3R		65 = 6500°K (CRI >80)	32	64		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	33	66		E1 = em. 1h
					37	72		E3 = em. 3h
								BT = bluetooth Dali

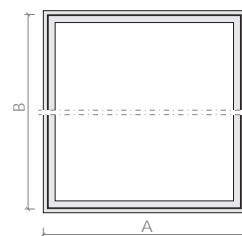
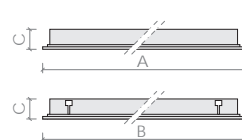
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	620	620	85	5,0	0,045	50	<b>D6</b>	620	620	60	5,0	0,026	50
<b>D2</b>	320	620	85	3,0	0,023	100	<b>D7</b>	320	620	60	3,0	0,015	100
<b>D3</b>	320	1220	85	5,0	0,035	50	<b>D8</b>	320	1220	60	5,0	0,027	50
<b>D4</b>	320	1520	85	5,5	0,043	50	<b>D9</b>	320	1520	60	5,5	0,035	50
<b>D5</b>	620	1220	85	10,0	0,085	30	<b>D10</b>	620	1220	60	10,0	0,060	50



D1

D2-D3-D4-D5



D6

D7-D8-D9-D10

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## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



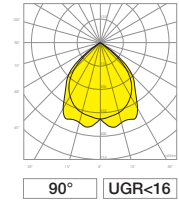
## Mod. 2Q (IP20)

### Ottica

Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	3x32	4042	2708	113	3x14W fluo	D1
33	4000K - CRI>80	4x32	5390	3611	109	4x18W fluo	D1
37	4000K - CRI>80	3x32	5326	3568	96	3x24W fluo	D1
48	4000K - CRI>80	4x32	7101	4757	99	4x24W fluo	D1
72	4000K - CRI>80	3x64	11099	7436	103	4x40W FL-C	D1



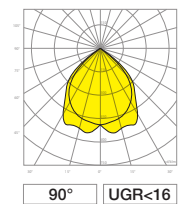
## Mod. 2R (IP20)

### Ottica

Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
15	4000K - CRI>80	2x32	2524	1691	113	2x18W fluo	D2
33	4000K - CRI>80	2x64	5390	3611	109	2x36W fluo	D3
48	4000K - CRI>80	2x64	7101	4757	99	2x54W fluo	D3
60	4000K - CRI>80	2x80	8955	5999	100	2x58W fluo	D4
66	4000K - CRI>80	4x64	10780	7222	109	4x36W fluo	D5
72	4000K - CRI>80	2x128	11860	7946	110	2x80W fluo	D3



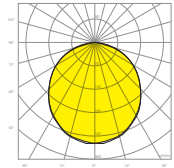
## Mod. 3Q (IP40)

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3882	121	4x18W fluo	D6
38	4000K - CRI>80	120	5978	4453	117	4x18W fluo	D6



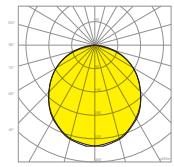
## Mod. 3R (IP40)

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate diffuser

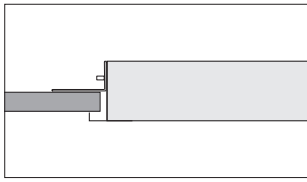


90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1940	114	2x18W fluo	D7
32	4000K - CRI>80	120	5211	3882	121	2x36W fluo	D8
38	4000K - CRI>80	120	5978	4453	117	2x36W fluo	D8
60	4000K - CRI>80	150	8955	6671	111	2x58W fluo	D9
64	4000K - CRI>80	240	10422	7764	121	4x36W fluo	D10

**INSTALLAZIONE / INSTALLATION**

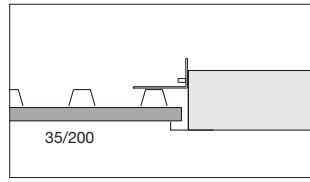
**Installazione ad incasso per  
controsoffitti in cartongesso**  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

**Installazione ad incasso per  
controsoffitti a doghe**  
Installation on slats



Apparecchio adatto per installazione ad incasso per controsoffitti a doghe. Installazione con staffe (incluse)

Installation on a false ceiling with slats. Brackets included

**ACCESSORI / ACCESSORIES**



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

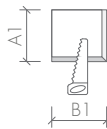
**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



**FORO INCASSO / RECESSED HOLE**

	A1	B1
<b>D1 D6</b>	585	585
<b>D2 D7</b>	285	585
<b>D3 D8</b>	285	1185
<b>D4 D9</b>	285	1485
<b>D5 D10</b>	585	1185



# SIRACUSA

Apparecchio da incasso per controsoffitti in cartongesso o in doghe 35 mm passo 50, 85 mm passo 100, 185 mm passo 200, con e senza scuretto, montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antigiattente con finitura gofrato fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in slats false ceiling or plasterboard ceiling 35 mm pitch 50, 85 mm pitch 100, 135 mm pitch 150, 185 mm pitch 200, with and without shutter. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> | -25°C / +45°C | IP20 / IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

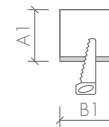
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1160		2R		03 = 3000°K (CRI >80)	12	38		EL = on/off
		3R		04 = 4000°K (CRI >80)	15	48		LM = 1-10v
		RP		05 = 5000°K (CRI >80)	23	60		LD = dali
				65 = 6500°K (CRI >80)	28			D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	33			E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	225	660	85	3,8	0,015	70
<b>D2</b>	225	1270	85	5,9	0,030	50
<b>D3</b>	225	1570	85	6,8	0,037	50

## FORO INCASSO / RECESSED HOLE

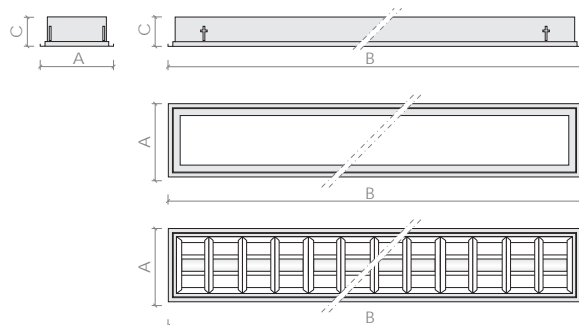
	A1	B1
<b>D1</b>	190	625
<b>D2</b>	190	1235
<b>D3</b>	190	1535



RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



**mod. 3R - RP**

**mod. 2R**



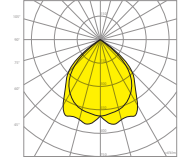
## Mod. 2R (IP20)

### Ottica

Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



90° UGR<16

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
12	4000K - CRI>80	1x32	1699	1189	99	1x18W fluo	D1
15	4000K - CRI>80	2x32	2524	1766	118	2x18W fluo	D1
23	4000K - CRI>80	1x64	3551	2485	108	1x36W fluo	D2
28	4000K - CRI>80	1x80	4625	3237	116	1x58W fluo	D3
33	4000K - CRI>80	2x64	5390	3773	114	2x36W fluo	D2
38	4000K - CRI>80	2x80	6310	4417	116	2x49W fluo	D3
48	4000K - CRI>80	2x64	7101	4970	104	2x54W fluo	D2
60	4000K - CRI>80	2x80	8955	6268	104	2x58W fluo	D3



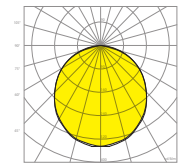
## Mod. 3R (IP40)

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
12	4000K - CRI>80	1x32	1699	1257	105	1x18W fluo	D1
15	4000K - CRI>80	2x32	2524	1867	125	2x18W fluo	D1
23	4000K - CRI>80	1x64	3551	2627	114	1x36W fluo	D2
28	4000K - CRI>80	1x80	4625	3422	122	1x58W fluo	D3
33	4000K - CRI>80	2x64	5390	3988	121	2x36W fluo	D2
38	4000K - CRI>80	2x80	6310	4669	123	2x49W fluo	D3
48	4000K - CRI>80	2x64	7101	5254	109	2x54W fluo	D2
60	4000K - CRI>80	2x80	8955	6626	110	2x58W fluo	D3



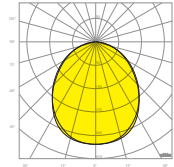
## Mod. RP (IP40)

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

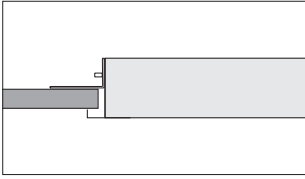
Anti-glare microprismatic polycarbonate diffuser



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
12	4000K - CRI>80	1x32	1699	1194	100	1x18W fluo	D1
15	4000K - CRI>80	2x32	2524	1774	118	2x18W fluo	D1
23	4000K - CRI>80	1x64	3551	2496	109	1x36W fluo	D2
28	4000K - CRI>80	1x80	4625	3251	116	1x58W fluo	D3
33	4000K - CRI>80	2x64	5390	3789	115	2x36W fluo	D2
38	4000K - CRI>80	2x80	6310	4435	117	2x49W fluo	D3
48	4000K - CRI>80	2x64	7101	4992	104	2x54W fluo	D2
60	4000K - CRI>80	2x80	8955	6295	105	2x58W fluo	D3

## INSTALLAZIONE / INSTALLATION

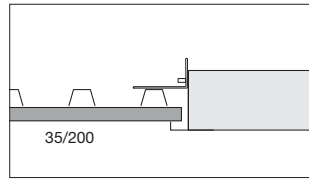
### Installazione ad incasso per controsoffitti in cartongesso Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

### Installazione ad incasso per controsoffitti a doghe Installation on slats



Apparecchio adatto per installazione ad incasso per controsoffitti a doghe. Installazione con staffe (incluse)

Installation on a false ceiling with slats. Brackets included

## ACCESSORI / ACCESSORIES



ACC017



ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC149** Sensore di luminosità e movimento bluetooth da incasso. Per apparecchi con opzione BT  
Recessed bluetooth motion and brightness sensor. For fixture with BT option

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



ACC149



ACC150



# ZEN

Apparecchio da incasso per controsoffitti in cartongesso; è possibile l'installazione anche in controsoffitti con pannelli aventi struttura portante nascosta. Installazione a molle. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

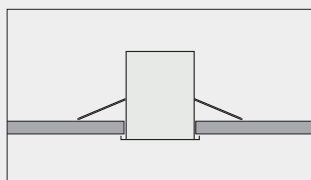
Recessed fitting for installation in false ceiling plasterboard. Possibility to install in false ceiling panels with hidden structure. Spring installation. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



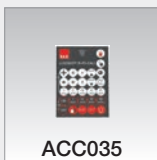
Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso.

Installation on plasterboard false ceilings.

## ACCESSORI / ACCESSORIES



ACC017



ACC035

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>~</sub> | -25°C | IP40 | IK07 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | |

## CODIFICA / CODING

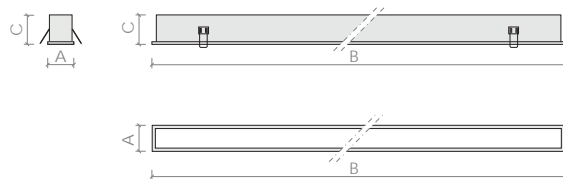
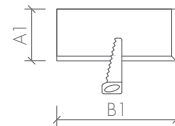
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1161		R3		03 = 3000°K (CRI >80)	12	38		EL = on/off
		RP		04 = 4000°K (CRI >80)	15	48		LM = 1-10v
				05 = 5000°K (CRI >80)	23	60		LD = dali
				65 = 6500°K (CRI >80)	28			D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	33			E1 = em. 1h
								E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	80	605	90	3,4	0,005	70
<b>D2</b>	80	1165	90	5,3	0,010	50
<b>D3</b>	80	1445	90	6,2	0,013	50

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	70	595
<b>D2</b>	70	1155
<b>D3</b>	70	1435





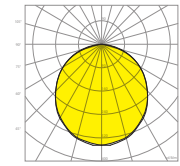
## Mod. R3

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
12	4000K - CRI>80	1x32	1699	1257	105	1x18W fluo	D1
15	4000K - CRI>80	1x64	2524	1867	125	2x18W fluo	D1
23	4000K - CRI>80	1x64	3551	2627	114	1x36W fluo	D2
28	4000K - CRI>80	1x80	4625	3422	122	1x58W fluo	D3
33	4000K - CRI>80	1x128	5390	3988	121	2x36W fluo	D2
38	4000K - CRI>80	1x160	6310	4669	123	2x49W fluo	D3
48	4000K - CRI>80	1x128	7101	5254	109	2x54W fluo	D2
60	4000K - CRI>80	1x160	8955	6626	110	2x58W fluo	D3



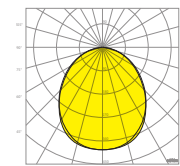
## Mod. RP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
12	4000K - CRI>80	1x32	1699	1194	100	1x18W fluo	D1
15	4000K - CRI>80	1x64	2524	1774	118	2x18W fluo	D1
23	4000K - CRI>80	1x64	3551	2496	109	1x36W fluo	D2
28	4000K - CRI>80	1x80	4625	3251	116	1x58W fluo	D3
33	4000K - CRI>80	1x128	5390	3789	115	2x36W fluo	D2
38	4000K - CRI>80	1x160	6310	4435	117	2x49W fluo	D3
48	4000K - CRI>80	1x128	7101	4992	104	2x54W fluo	D2
60	4000K - CRI>80	1x160	8955	6295	105	2x58W fluo	D3

# RIO 1

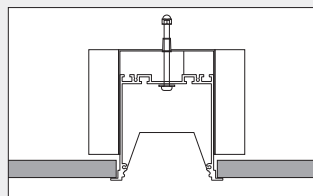
Apparecchio lineare da incasso per controsoffitti in cartongesso. Corpo in trafilato di alluminio verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fixture for metal strips false ceiling. Extruded aluminum body painted with white epoxy-polyester anti-yellowing white color with fine embossed finish, electronic ballast 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## CARATTERISTICHE / MAIN FEATURES

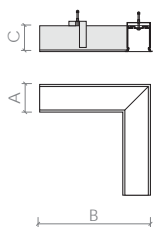
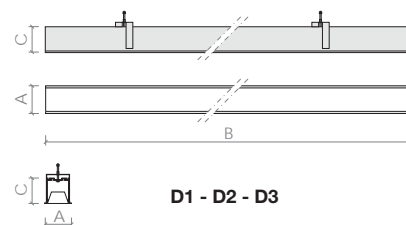
LED | CE | 220 V<sub>≈</sub> 240 | -25°C | +45°C | IP40 | IK07 | RG0 | CRI >80 | CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

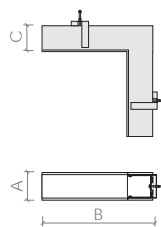
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2000		R3 V3		03 = 3000°K (CRI >80)		16		EL = on/off
		RP VP		04 = 4000°K (CRI >80)		24		LM = 1-10v
		L3 T3		05 = 5000°K (CRI >80)		25		LD = dali
		LP TP		65 = 6500°K (CRI >80)		32		E1 = em. 1h
				94 = 4000°K (CRI >90)		37		E3 = em. 3h
						40		
						48		
						60		

## DIMENSIONI / DIMENSIONS

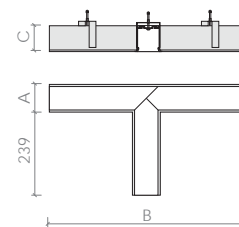
	A	B	C	Kg	mc	
<b>D1</b>	85	560	85	1,2	0,005	60
<b>D2</b>	85	1120	85	2,1	0,010	60
<b>D3</b>	85	1400	85	2,5	0,011	60
<b>D4</b>	85	322	85	1,1	0,005	60
<b>D5</b>	85	322	85	1,2	0,010	60
<b>D6</b>	85	560	85	1,7	0,011	60



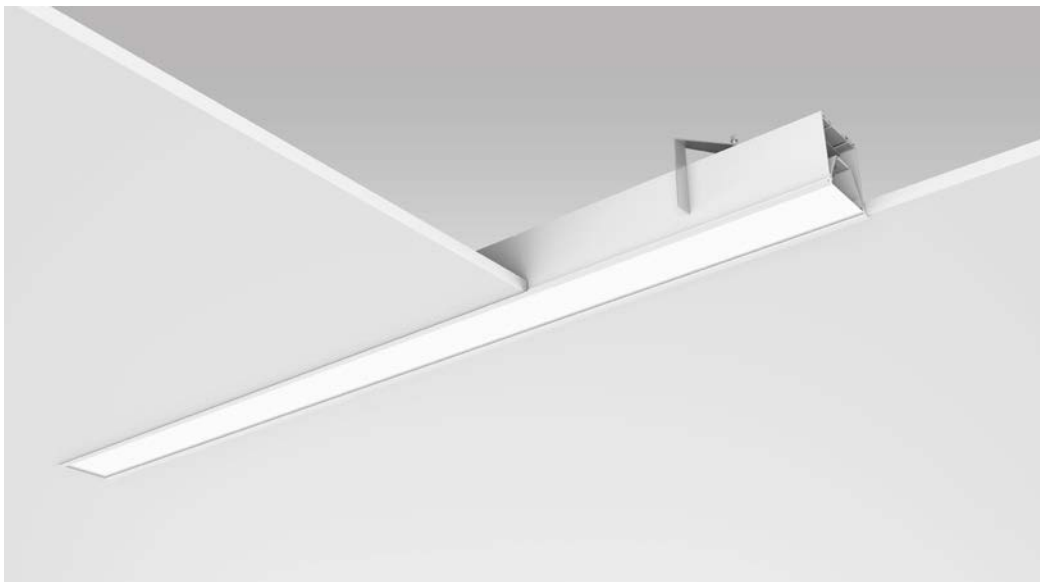
**D4**



**D5**



**D6**



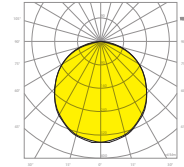
## Mod. R3

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso. **(ACCESSORIO)**

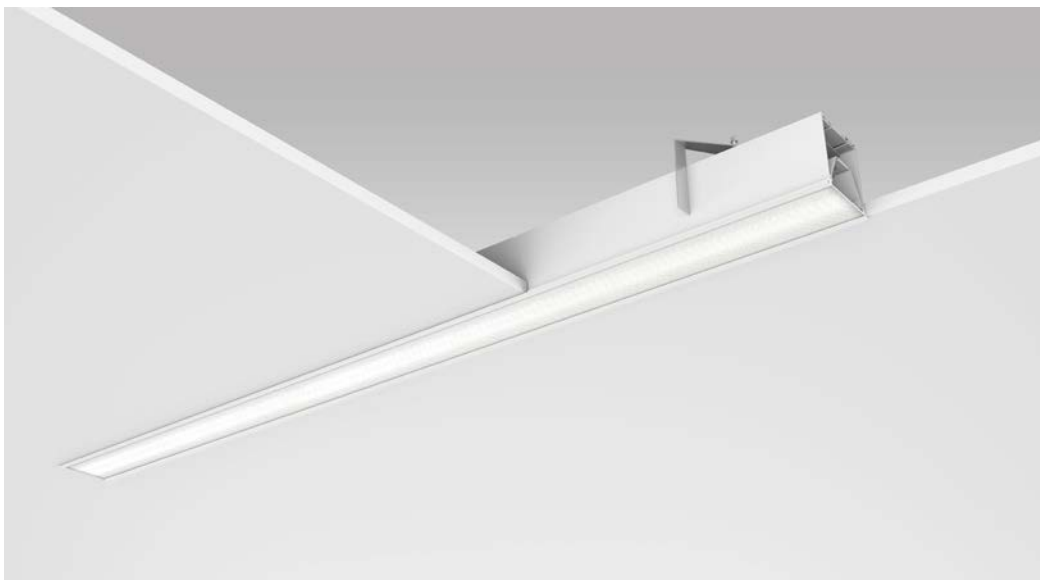
### Optic

Anti-glare smooth opal polycarbonate diffuser. **(ACCESSORY)**



90° UGR<19

W tot.	°K - CRI	mA	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	350	2678	2030	127	2x18W fluo	D1
32	4000K - CRI>80	350	5356	4061	127	2x36W fluo	D2
40	4000K - CRI>80	350	6695	5076	127	2x49W fluo	D3
24	4000K - CRI>80	500	3655	2769	115	2x24W fluo	D1
48	4000K - CRI>80	500	7310	5541	115	2x54W fluo	D2
60	4000K - CRI>80	500	9138	6926	115	2x58W fluo	D3



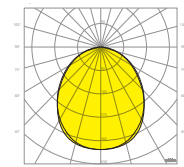
## Mod. RP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso. **(ACCESSORIO)**

### Optic

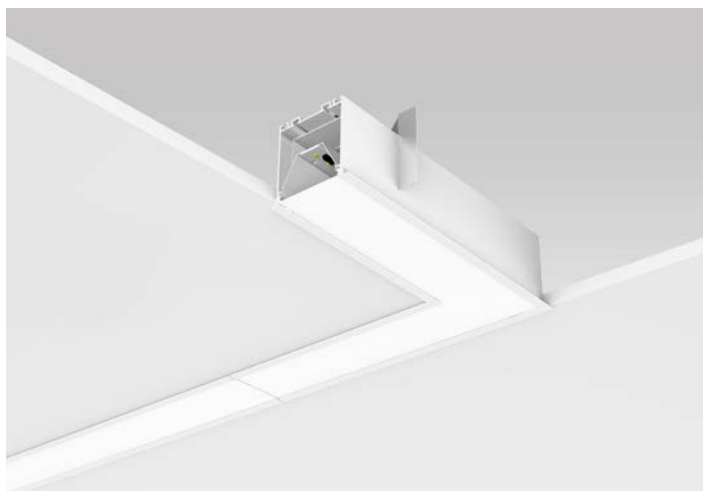
Anti-glare microprismatic polycarbonate diffuser. **(ACCESSORY)**



90° UGR<19

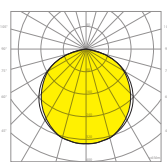
W tot.	°K - CRI	mA	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	350	2678	1906	119	2x18W fluo	D1
32	4000K - CRI>80	350	5356	3813	119	2x36W fluo	D2
40	4000K - CRI>80	350	6695	4767	119	2x49W fluo	D3
24	4000K - CRI>80	500	3655	2601	108	2x24W fluo	D1
48	4000K - CRI>80	500	7310	5203	108	2x54W fluo	D2
60	4000K - CRI>80	500	9138	6504	108	2x58W fluo	D3

## Mod. L3



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	2030	127	D4
24	500	3655	2769	115	D4

\*4000K CRI>80



90° UGR<19

**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

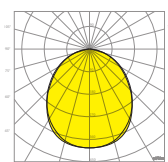
**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORY)**

## Mod. LP



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	1906	119	D4
24	500	3655	2601	108	D4

\*4000K CRI>80



90° UGR<19

**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

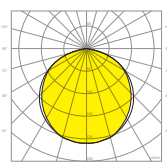
**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORY)**

## Mod. V3



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	2030	127	D5
24	500	3655	2769	115	D5

\*4000K CRI>80



90° UGR<19

**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

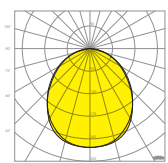
**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORY)**

## Mod. VP



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	1906	119	D5
24	500	3655	2601	108	D5

\*4000K CRI>80



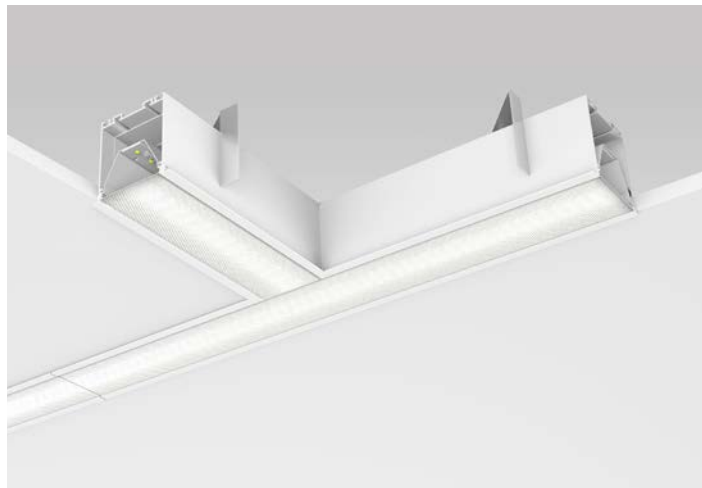
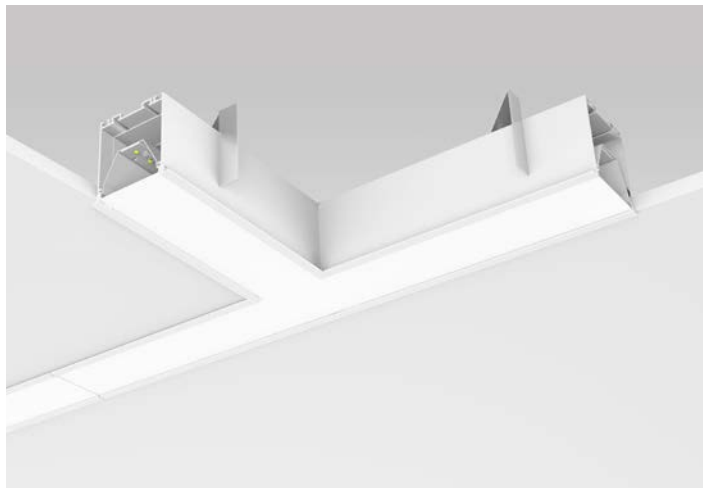
90° UGR<19

**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORY)**

## Mod. T3

## Mod. TP

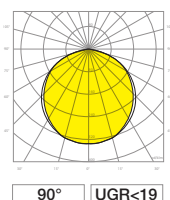


W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
25	350	4133	3134	125	D6
37	500	5641	4275	116	D6

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
25	350	4133	2942	118	D6
37	500	5641	4014	109	D6

\*4000K CRI>80

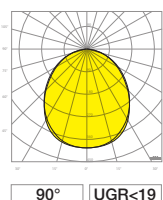
\*4000K CRI>80



**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORY)**

90° UGR<19

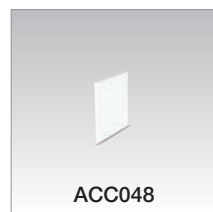
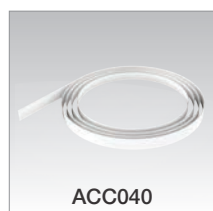
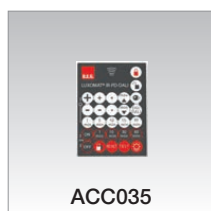


**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORY)**

90° UGR<19

### ACCESSORI / ACCESSORIES



- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC040** Diffusore opale in bobina (al metro)  
Opal diffuser in coil (at meter)
- ACC041** Diffusore microprismatizzata in bobina (al metro)  
Microprismatic diffuser in coil (at meter)
- ACC042** Diffusore opale in lastra da 560mm  
Opal diffuser in 560mm sheet
- ACC043** Diffusore opale in lastra da 1120mm  
Opal diffuser in 1120mm sheet
- ACC044** Diffusore opale in lastra da 1400mm  
Opal diffuser in 1400mm sheet
- ACC045** Diffusore microprismatizzata in lastra da 560mm  
Microprismatic diffuser in 560mm sheet
- ACC046** Diffusore microprismatizzata in lastra da 1120mm  
Microprismatic diffuser in 1120mm sheet
- ACC047** Diffusore microprismatizzata in lastra da 1400mm  
Microprismatic diffuser in 1400mm sheet
- ACC048** Tappo di chiusura per installazione fino a 6m  
Closing cap for installation up to 6m
- ACC050** Tappo di chiusura per installazione superiori ai 6m  
Closing cup for installation longer than 6m

# RIO 2

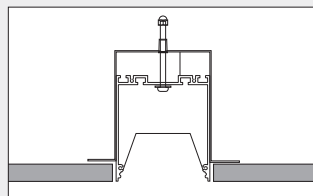
Apparecchio lineare da incasso senza cornice per controsoffitti in cartongesso. Corpo in trafilato di alluminio verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fixture without frame for metal strips false ceiling. Extruded aluminum body painted with white epoxy-polyester anti-yellowing white color with fine embossed finish, electronic ballast 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



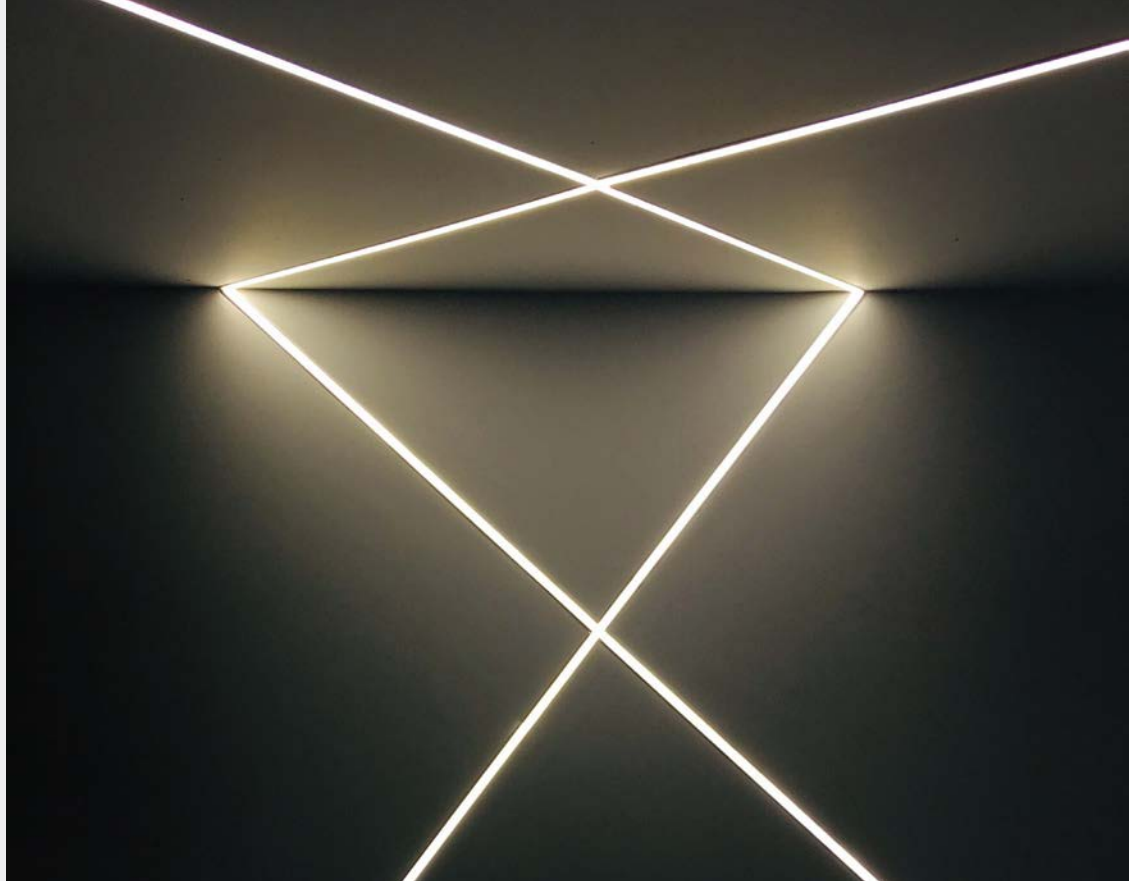
Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

RAL 9003

### Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



## CARATTERISTICHE / MAIN FEATURES

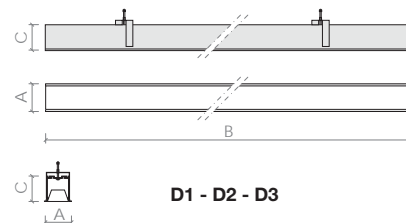
| | 220/240 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h |

## CODIFICA / CODING

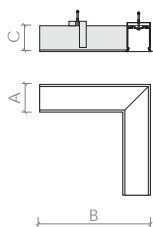
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2001		R3 V3		03 = 3000°K (CRI >80)		16		EL = on/off
		RP VP		04 = 4000°K (CRI >80)		24		LM = 1-10v
		L3 T3		05 = 5000°K (CRI >80)		25		LD = dali
		LP TP		65 = 6500°K (CRI >80)		32		E1 = em. 1h
				94 = 4000°K (CRI >90)		37		E3 = em. 3h
						40		
						48		
						60		

## DIMENSIONI / DIMENSIONS

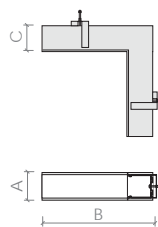
	A	B	C	Kg	mc	
<b>D1</b>	75	560	85	1,2	0,005	60
<b>D2</b>	75	1120	85	2,1	0,010	60
<b>D3</b>	75	1400	85	2,5	0,011	60
<b>D4</b>	75	322	85	1,1	0,005	60
<b>D5</b>	75	322	85	1,2	0,010	60
<b>D6</b>	75	560	85	1,7	0,011	60



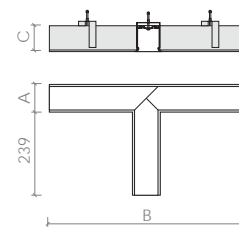
**D1 - D2 - D3**



**D4**



**D5**



**D6**



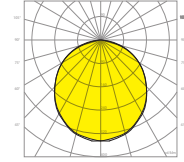
## Mod. R3

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso. **(ACCESSORIO)**

### Optic

Anti-glare smooth opal polycarbonate diffuser. **(ACCESSORY)**



90° UGR<19

W tot.	°K - CRI	mA	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	350	2678	2030	127	2x18W fluo	D1
32	4000K - CRI>80	350	5356	4061	127	2x36W fluo	D2
40	4000K - CRI>80	350	6695	5076	127	2x49W fluo	D3
24	4000K - CRI>80	500	3655	2769	115	2x24W fluo	D1
48	4000K - CRI>80	500	7310	5541	115	2x54W fluo	D2
60	4000K - CRI>80	500	9138	6926	115	2x58W fluo	D3



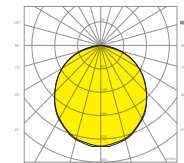
## Mod. RP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso. **(ACCESSORIO)**

### Optic

Anti-glare microprismatic polycarbonate diffuser. **(ACCESSORY)**

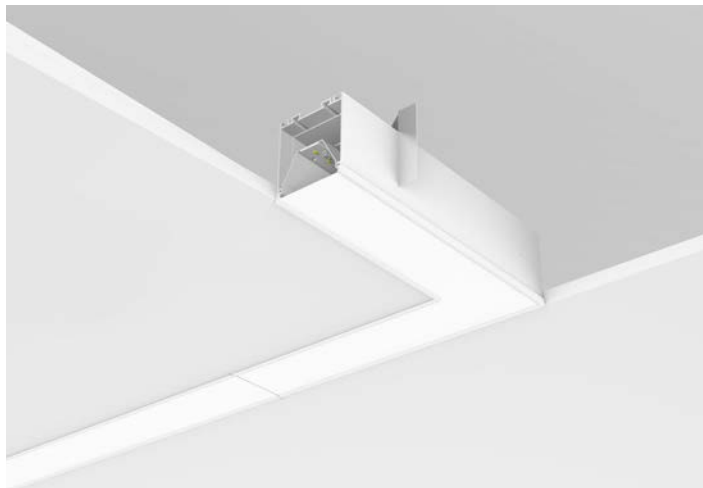


90° UGR<19

W tot.	°K - CRI	mA	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	350	2678	1906	119	2x18W fluo	D1
32	4000K - CRI>80	350	5356	3813	119	2x36W fluo	D2
40	4000K - CRI>80	350	6695	4767	119	2x49W fluo	D3
24	4000K - CRI>80	500	3655	2601	108	2x24W fluo	D1
48	4000K - CRI>80	500	7310	5203	108	2x54W fluo	D2
60	4000K - CRI>80	500	9138	6504	108	2x58W fluo	D3

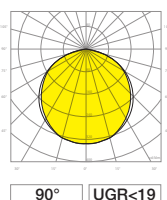


## Mod. L3



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	2030	127	D4
24	500	3655	2769	115	D4

\*4000K CRI>80



**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORIO)**

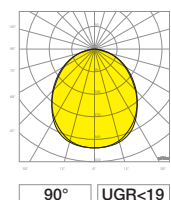
90° UGR<19

## Mod. LP



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	1906	119	D4
24	500	3655	2601	108	D4

\*4000K CRI>80



**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORIO)**

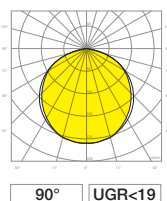
90° UGR<19

## Mod. V3



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	2030	127	D5
24	500	3655	2769	115	D5

\*4000K CRI>80



**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORIO)**

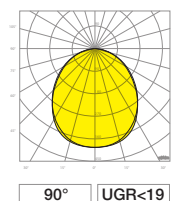
90° UGR<19

## Mod. VP



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	1906	119	D5
24	500	3655	2601	108	D5

\*4000K CRI>80



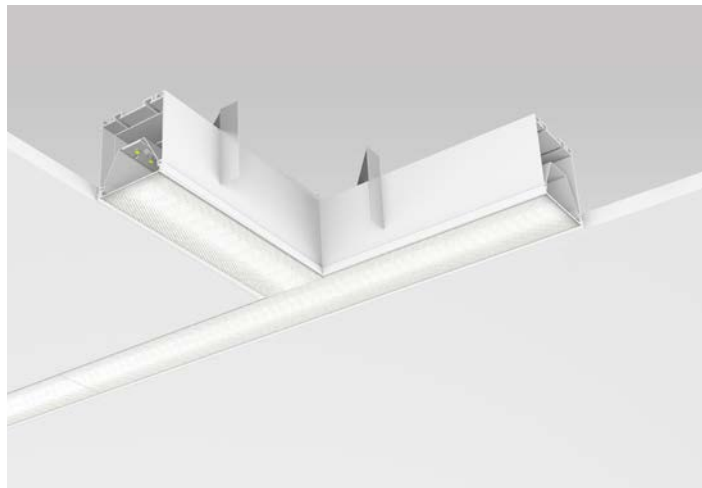
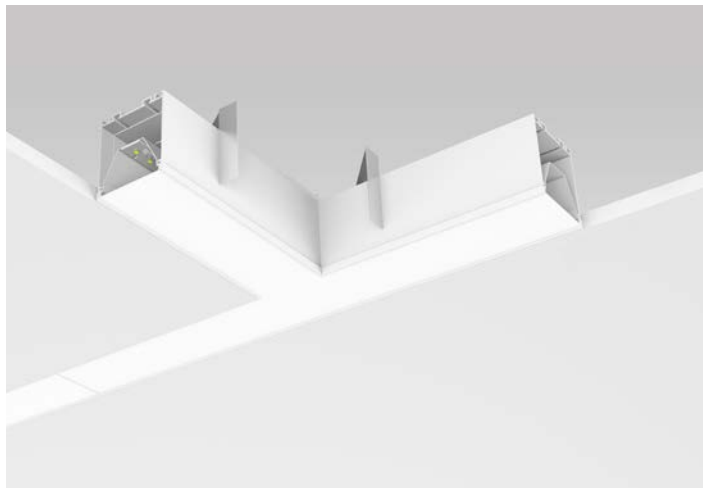
**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORIO)**

90° UGR<19

## Mod. T3

## Mod. TP

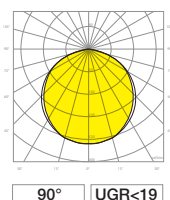


W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
25	350	4133	3134	125	D6
37	500	5641	4275	116	D6

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
25	350	4133	2942	118	D6
37	500	5641	4014	109	D6

\*4000K CRI>80

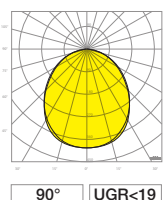
\*4000K CRI>80



**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORY)**

90° UGR<19

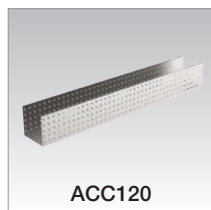
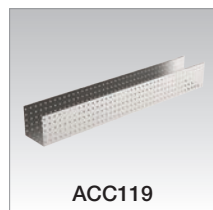
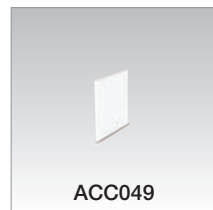
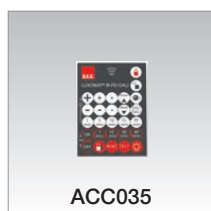


**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORY)**

90° UGR<19

### ACCESSORI / ACCESSORIES



- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC040** Diffusore opale in bobina (al metro)  
Opal diffuser in coil (at meter)
- ACC041** Diffusore microprismattizzata in bobina (al metro)  
Microprismatic diffuser in coil (at meter)
- ACC042** Diffusore opale in lastra da 560mm  
Opal diffuser in 560mm sheet
- ACC043** Diffusore opale in lastra da 1120mm  
Opal diffuser in 1120mm sheet
- ACC044** Diffusore opale in lastra da 1400mm  
Opal diffuser in 1400mm sheet
- ACC045** Diffusore microprismattizzata in lastra da 560mm  
Microprismatic diffuser in 560mm sheet
- ACC046** Diffusore microprismattizzata in lastra da 1120mm  
Microprismatic diffuser in 1120mm sheet
- ACC047** Diffusore microprismattizzata in lastra da 1400mm  
Microprismatic diffuser in 1400mm sheet
- ACC049** Tappo di chiusura per installazione fino a 6m  
Closing cap for installation up to 6m
- ACC051** Tappo di chiusura per installazione superiori ai 6m  
Closing cup for installation longer than 6m
- ACC119** Cassaforma per incasso murale da 560mm  
Recessed formwork 560mm
- ACC120** Cassaforma per incasso murale da 1120mm  
Recessed formwork 1120mm
- ACC121** Cassaforma per incasso murale da 1400mm  
Recessed formwork 1400mm

# IMPERIA

Faretto da incasso quadrato per qualsiasi tipo di controsoffitto. Anello costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240Vac 50/60Hz in doppio isolamento. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Square downlight suitable for all false ceiling types. Steel sheet ring, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz class II. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220/240 V<sub>~</sub>

 -25°C / +45°C
 | IP40
 | IK07
 | RG0
 | CRI >80 / CRI >90
 | 3 step MacAdam
 | <3% flicker FREE
 | L90-B10 >60.000h
 | L80-B50 >100.000h
 |

## CODIFICA / CODING

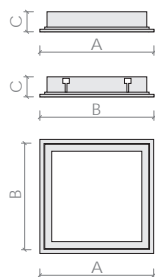
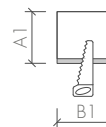
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1105		Q3		03 = 3000°K (CRI >80)		12		EL = on/off
		QP		04 = 4000°K (CRI >80)		20		LM = 1-10v
				05 = 5000°K (CRI >80)		26		LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
350	350	60	1,7	0,008	60

## FORO INCASSO / RECESSED HOLE

A1	B1
315	315



RAL 9003

## Δ LUMEN

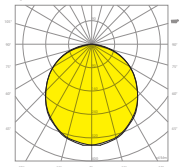
3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



## Mod. Q3

**Ottica** Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Optic** Anti-glare smooth opal polycarbonate diffuser



100° UGR<19

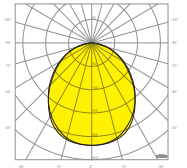
W tot.	n° Led	°K - CRI	Lm LED	Lm OUTPUT	Lm/W	replace
12	30	4000K - CRI>80	1980	1465	122	1x26W FL-C
20	66	4000K - CRI>80	3189	2359	118	2x18W FL-C
26	66	4000K - CRI>80	3968	2936	113	2x26W FL-C



## Mod. QP

**Ottica** Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic** Anti-glare microprismatic polycarbonate diffuser

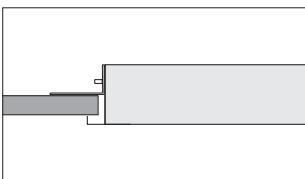


100° UGR<19

W tot.	n° Led	°K - CRI	Lm LED	Lm OUTPUT	Lm/W	replace
12	30	4000K - CRI>80	1980	1391	116	1x26W FL-C
20	66	4000K - CRI>80	3189	2241	112	2x18W FL-C
26	66	4000K - CRI>80	3968	2789	107	2x26W FL-C

## INSTALLAZIONE / INSTALLATION

Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



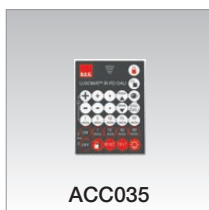
Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione a staffe (includere)

Plasterboard ceiling installation. Bracket included

## ACCESSORI / ACCESSORIES



ACC017



ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# OSLO

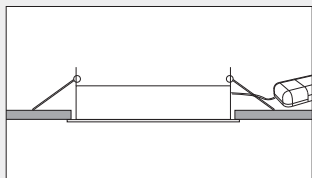
Faretto da incasso quadrato e rettangolare per qualsiasi tipo di controsoffitto. Cornice costruita in lamiera d'acciaio, verniciata con polveri epossipoliesteri di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240Vac 50/60Hz in doppio isolamento. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Square/rectangular downlight suitable for all false ceiling types. Steel sheet ring, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz class II. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso.

Suitable luminaire for Plasterboard installation false ceilings.

□ RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220/240 V<sub>≈</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | |

## CODIFICA / CODING

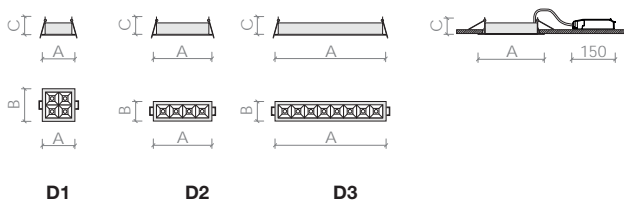
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
6010		2N		03 = 3000°K (CRI >80)		08		EL = on/off
		2B		04 = 4000°K (CRI >80)		13		LM = 1-10v
		4N		05 = 5000°K (CRI >80)		17		LD = dali
		4B		65 = 6500°K (CRI >80)		26		
		8N		94 = 4000°K (CRI >90)				
		8B						

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	95	95	52	0,4	0,001	100
<b>D2</b>	175	55	52	0,5	0,001	100
<b>D3</b>	335	55	52	0,6	0,002	100

## FORO INCASSO / RECESSED HOLE

	A1	B1	
<b>D1</b>	84	84	
<b>D2</b>	164	44	
<b>D3</b>	324	44	



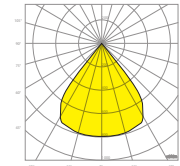
## Mod. 2N

### Ottica

Riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

### Optic

Black painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



80° UGR<19



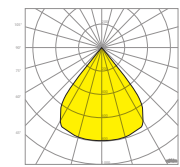
## Mod. 2B

### Ottica

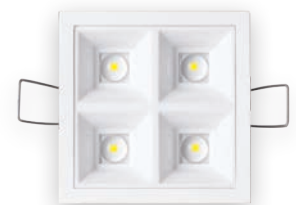
Riflettore antiabbagliamento in PMMA verniciato bianco lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

### Optic

White painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



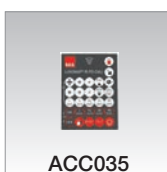
80° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	4000K - CRI>80	4x4	1475	1209	151	1x18W FL-C	D1
13	4000K - CRI>80	4x4	2092	1714	132	1x26W FL-C	D1

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	4000K - CRI>80	4x4	1475	1209	151	1x18W FL-C	D1
13	4000K - CRI>80	4x4	2092	1714	132	1x26W FL-C	D1

## ACCESSORI / ACCESSORIES



- ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC162** Cassaforma murale per modello 2N e 2B  
Wall formwork for 2N and 2B models
- ACC163** Cassaforma murale per modello 4N e 4B  
Wall formwork for 4N and 4B models
- ACC164** Cassaforma murale per modello 8N e 8B  
Wall formwork for 8N and 8B models

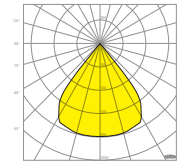
## Mod. 4N

### Ottica

Riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

### Optic

White painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



80° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	4000K - CRI>80	4x4	1475	1209	151	1x18W FL-C	D2
13	4000K - CRI>80	4x4	2092	1714	132	1x26W FL-C	D2



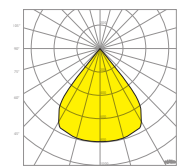
## Mod. 4B

### Ottica

Riflettore antiabbagliamento in PMMA verniciato bianco lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

### Optic

White painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



80° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	4000K - CRI>80	4x4	1475	1209	151	1x18W FL-C	D2
13	4000K - CRI>80	4x4	2092	1714	132	1x26W FL-C	D2





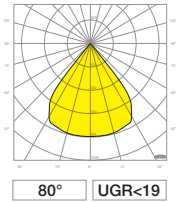
### Mod. 8N

**Ottica**

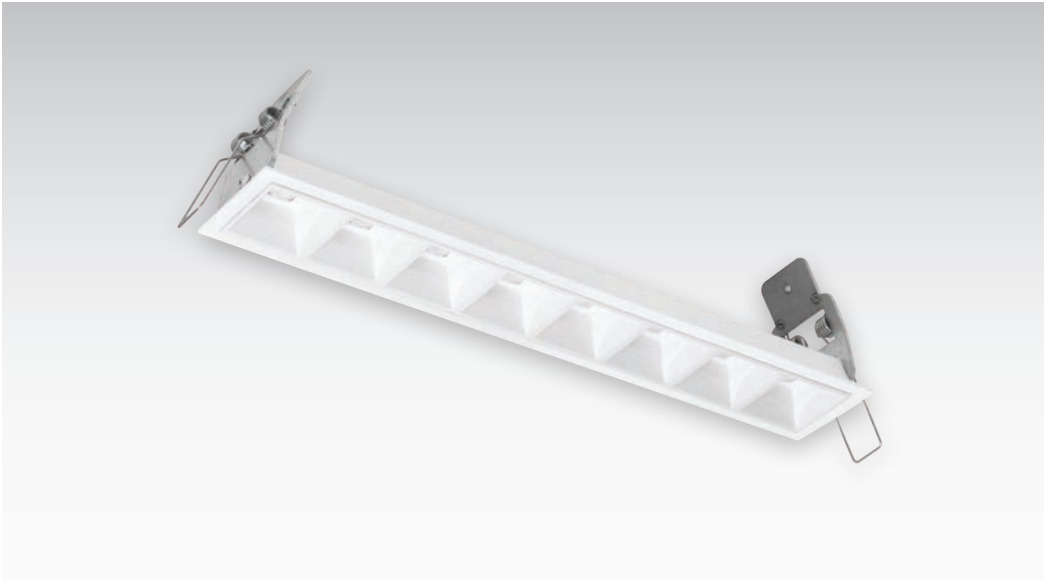
Riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

**Optic**

Black painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	8x4	2951	2418	142	2x18W FL-C	D3
26	4000K - CRI>80	8x4	4185	3429	132	2x26W FL-C	D3



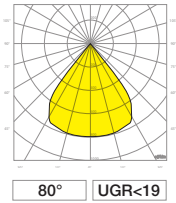
### Mod. 8B

**Ottica**

Riflettore antiabbagliamento in PMMA verniciato bianco lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

**Optic**

White painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	8x4	2951	2418	142	2x18W FL-C	D3
26	4000K - CRI>80	8x4	4185	3429	132	2x26W FL-C	D3





# STELLA

Faretto da incasso tondo per qualsiasi tipo di controsoffitto. Anello costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco o nero antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240Vac 50/60Hz in doppio isolamento. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Round downlight suitable for all false ceiling types. Steel sheet ring, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz class II. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> / 240 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <10% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

### CODIFICA - colore bianco / CODING - white color



RAL 9003

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
6001		12		03 = 3000°K (CRI >80)		11 30		EL = on/off
		15		04 = 4000°K (CRI >80)		13 40		LM = 1-10v
		18		05 = 5000°K (CRI >80)		18 55		LD = dali
		20		65 = 6500°K (CRI >80)		20 75		D1 = dali + em. 1h
		24		93 = 3000°K (CRI >90)		26		E1 = em. 1h
				94 = 4000°K (CRI >90)				E3 = em. 3h

### CODIFICA - colore nero / CODING - black color



RAL 9005

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
6001		12		03 = 3000°K (CRI >80)		11 30		NL = on/off
		15		04 = 4000°K (CRI >80)		13 40		NM = 1-10v
		18		05 = 5000°K (CRI >80)		18 55		ND = dali
		20		65 = 6500°K (CRI >80)		20 75		M1 = dali + em. 1h
		24		93 = 3000°K (CRI >90)		26		N1 = em. 1h
				94 = 4000°K (CRI >90)				N3 = em. 3h

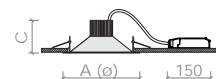
RAL 9003  
 RAL 9005

## Δ LUMEN

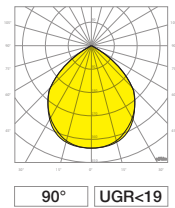
3000°K (CRI >80) = **-4.91%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.60%**  
 6500°K (CRI >80) = **0%**  
 3000°K (CRI >90) = **-18.15%**  
 4000°K (CRI >90) = **-14.33%**

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	120	-	90	0,4	0,006	50
<b>D2</b>	150	-	90	0,4	0,006	50
<b>D3</b>	180	-	90	0,6	0,006	50
<b>D4</b>	200	-	90	0,6	0,006	50
<b>D5</b>	240	-	90	1,2	0,010	50



## Mod. 12



### Ottica

Riflettore in alluminio anodizzato, diffusore in policarbonato microprismatico antiabbagliamento

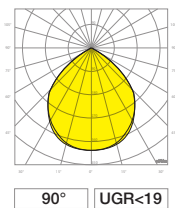
### Optic

Anodized aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D1
13	1	2260	1627	125	1x26W FL-C	D1
18	1	3192	2298	128	1x26W FL-C	D1
20	1	3299	2375	119	2x26W FL-C	D1
26	1	4395	3164	122	2x26W FL-C	D1
30	1	4038	2907	97	70W JM	D1
40	1	6389	4600	115	400W ALO	D1

\*4000K CRI>80

## Mod. 15



### Ottica

Riflettore in alluminio anodizzato, diffusore in policarbonato microprismatico antiabbagliamento

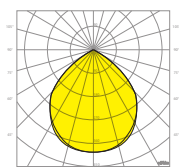
### Optic

Anodized aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D2
13	1	2260	1627	125	1x26W FL-C	D2
18	1	3192	2298	128	1x26W FL-C	D2
20	1	3299	2375	119	2x26W FL-C	D2
26	1	4395	3164	122	2x26W FL-C	D2
30	1	4038	2907	97	70W JM	D2
40	1	6389	4600	115	400W ALO	D2
55	1	8336	6001	109	500W ALO	D2
75	1	10648	7666	102	150W JM	D2

\*4000K CRI>80

## Mod. 18



90° UGR<19

### Optica

Riflettore in alluminio anodizzato, diffusore in policarbonato microprismatico antiabbagliamento

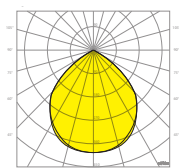
### Optic

Anodized aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D3
13	1	2260	1627	125	1x26W FL-C	D3
18	1	3192	2298	128	1x26W FL-C	D3
20	1	3299	2375	119	2x26W FL-C	D3
26	1	4395	3164	122	2x26W FL-C	D3
30	1	4038	2907	97	70W JM	D3
40	1	6389	4600	115	400W ALO	D3
55	1	8336	6001	109	500W ALO	D3
75	1	10648	7666	102	150W JM	D3

\*4000K CRI>80

## Mod. 20



90° UGR<19

### Optica

Riflettore in alluminio anodizzato, diffusore in policarbonato microprismatico antiabbagliamento

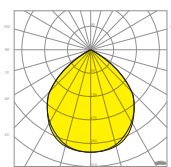
### Optic

Anodized aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D4
13	1	2260	1627	125	1x26W FL-C	D4
18	1	3192	2298	128	1x26W FL-C	D4
20	1	3299	2375	119	2x26W FL-C	D4
26	1	4395	3164	122	2x26W FL-C	D4
30	1	4038	2907	97	70W JM	D4
40	1	6389	4600	115	400W ALO	D4
55	1	8336	6001	109	500W ALO	D4
75	1	10648	7666	102	150W JM	D4

\*4000K CRI>80

## Mod. 24



90° UGR<19

### Optica

Riflettore in alluminio anodizzato, diffusore in policarbonato microprismatico antiabbagliamento

### Optic

Anodized aluminium reflector, anti-glare microprismatic polycarbonate diffuser

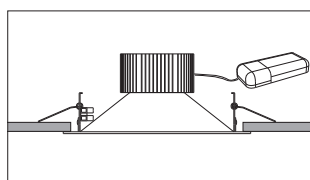
W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D5
13	1	2260	1627	125	1x26W FL-C	D5
18	1	3192	2298	128	1x26W FL-C	D5
20	1	3299	2375	119	2x26W FL-C	D5
26	1	4395	3164	122	2x26W FL-C	D5
30	1	4038	2907	97	70W JM	D5
40	1	6389	4600	115	400W ALO	D5
55	1	8336	6001	109	500W ALO	D5
75	1	10648	7666	102	150W JM	D5

\*4000K CRI>80

## INSTALLAZIONE / INSTALLATION

## FORO INCASSO / RECESSED HOLE

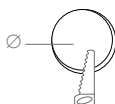
Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso.

Installation on plasterboard false ceilings.

	Ø
D1	110
D2	140
D3	170
D4	190
D5	230



## ACCESSORI / ACCESSORIES



ACC017 Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

ACC035 Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# EOS

Faretto da incasso quadrato per qualsiasi tipo di controsoffitto. Cornice costruita in lamiera d'acciaio, verniciata con polveri epossipoliesteri di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240Vac 50/60Hz in doppio isolamento. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Square downlight suitable for all false ceiling types. Steel sheet frame, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240Vac 50/60 Hz class II. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

### CODIFICA - colore bianco / CODING - white color



Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9003
6002		12		03 = 3000°K (CRI >80)		11 30		EL = on/off	
		15		04 = 4000°K (CRI >80)		13 40		LM = 1-10v	
		18		05 = 5000°K (CRI >80)		18 55		LD = dali	
		20		65 = 6500°K (CRI >80)		20 75		D1 = dali + em. 1h	
		24		93 = 3000°K (CRI >90)		26		E1 = em. 1h	
				94 = 4000°K (CRI >90)				E3 = em. 3h	

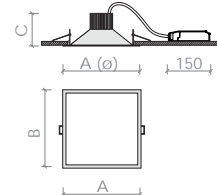
### CODIFICA - colore nero / CODING - black color



Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9005
6002		12		03 = 3000°K (CRI >80)		11 30		NL = on/off	
		15		04 = 4000°K (CRI >80)		13 40		NM = 1-10v	
		18		05 = 5000°K (CRI >80)		18 55		ND = dali	
		20		65 = 6500°K (CRI >80)		20 75		M1 = dali + em. 1h	
		24		93 = 3000°K (CRI >90)		26		N1 = em. 1h	
				94 = 4000°K (CRI >90)				N3 = em. 3h	

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	120	120	90	0,4	0,006	50
<b>D2</b>	150	150	90	0,4	0,006	50
<b>D3</b>	180	180	90	0,6	0,006	50
<b>D4</b>	200	200	90	0,6	0,006	50
<b>D5</b>	240	240	90	1,2	0,010	50

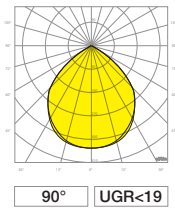


RAL 9003  
 RAL 9005

## Δ LUMEN

3000°K (CRI >80) = **-4.91%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.60%**  
 6500°K (CRI >80) = **0%**  
 3000°K (CRI >90) = **-18.15%**  
 4000°K (CRI >90) = **-14.33%**

## Mod. 12



### Ottica

Riflettore in alluminio metallizzato, diffusore in policarbonato microprismatico antiabbagliamento

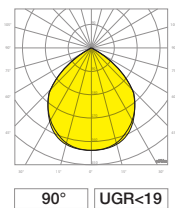
### Optic

Metalised aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D1
13	1	2260	1627	125	1x26W FL-C	D1
18	1	3192	2298	128	1x26W FL-C	D1
20	1	3299	2375	119	2x26W FL-C	D1
26	1	4395	3164	122	2x26W FL-C	D1
30	1	4038	2907	97	70W JM	D1
40	1	6389	4600	115	400W ALO	D1

\*4000K CRI>80

## Mod. 15



### Ottica

Riflettore in alluminio metallizzato, diffusore in policarbonato microprismatico antiabbagliamento

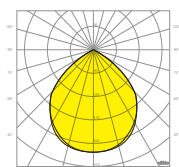
### Optic

Metalised aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D2
13	1	2260	1627	125	1x26W FL-C	D2
18	1	3192	2298	128	1x26W FL-C	D2
20	1	3299	2375	119	2x26W FL-C	D2
26	1	4395	3164	122	2x26W FL-C	D2
30	1	4038	2907	97	70W JM	D2
40	1	6389	4600	115	400W ALO	D2
55	1	8336	6001	109	500W ALO	D2
75	1	10648	7666	102	150W JM	D2

\*4000K CRI>80

## Mod. 18



90° UGR<19

### Optica

Riflettore in alluminio metallizzato, diffusore in policarbonato microprismatico antiabbagliamento

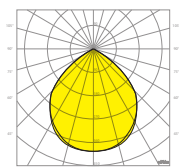
### Optic

Metallised aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D3
13	1	2260	1627	125	1x26W FL-C	D3
18	1	3192	2298	128	1x26W FL-C	D3
20	1	3299	2375	119	2x26W FL-C	D3
26	1	4395	3164	122	2x26W FL-C	D3
30	1	4038	2907	97	70W JM	D3
40	1	6389	4600	115	400W ALO	D3
55	1	8336	6001	109	500W ALO	D3
75	1	10648	7666	102	150W JM	D3

\*4000K CRI>80

## Mod. 20



90° UGR<19

### Optica

Riflettore in alluminio metallizzato, diffusore in policarbonato microprismatico antiabbagliamento

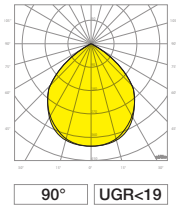
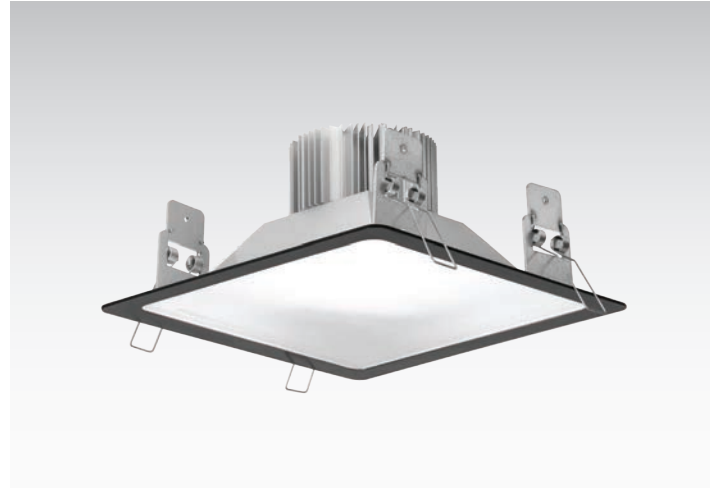
### Optic

Metallised aluminium reflector, anti-glare microprismatic polycarbonate diffuser

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D4
13	1	2260	1627	125	1x26W FL-C	D4
18	1	3192	2298	128	1x26W FL-C	D4
20	1	3299	2375	119	2x26W FL-C	D4
26	1	4395	3164	122	2x26W FL-C	D4
30	1	4038	2907	97	70W JM	D4
40	1	6389	4600	115	400W ALO	D4
55	1	8336	6001	109	500W ALO	D4
75	1	10648	7666	102	150W JM	D4

\*4000K CRI>80

## Mod. 24



### Optica

Riflettore in alluminio metallizzato, diffusore in policarbonato microprismatico antiabbagliamento

### Optic

Metallised aluminium reflector, anti-glare microprismatic polycarbonate diffuser

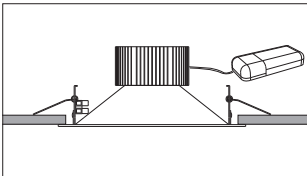
W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1353	123	1x26W FL-C	D5
13	1	2260	1627	125	1x26W FL-C	D5
18	1	3192	2298	128	1x26W FL-C	D5
20	1	3299	2375	119	2x26W FL-C	D5
26	1	4395	3164	122	2x26W FL-C	D5
30	1	4038	2907	97	70W JM	D5
40	1	6389	4600	115	400W ALO	D5
55	1	8336	6001	109	500W ALO	D5
75	1	10648	7666	102	150W JM	D5

\*4000K CRI>80

## INSTALLAZIONE / INSTALLATION

## FORO INCASSO / RECESSED HOLE

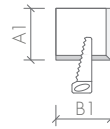
Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso.

Installation on plasterboard false ceilings.

	A1	B1
D1	110	110
D2	140	140
D3	170	170
D4	190	190
D5	230	230



## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)



# LUNA

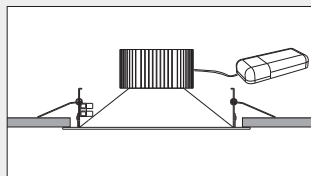
Faretto da incasso tondo per qualsiasi tipo di controsoffitto. Anello costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antiingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240Vac 50/60Hz in doppio isolamento. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Round downlight suitable for all false ceiling types. Steel sheet ring, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz class II. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso.

Installation on plasterboard false ceilings.

□ RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-4.91%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.60%</b>
6500°K (CRI >80) =	<b>0%</b>
3000°K (CRI >90) =	<b>-18.15%</b>
4000°K (CRI >90) =	<b>-14.33%</b>



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >50.000h | L80-B50 >75.000h | A++

## CODIFICA / CODING

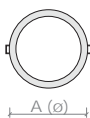
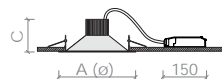
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
6005		VS		03 = 3000°K (CRI >80)	09	55		EL = on/off
				04 = 4000°K (CRI >80)	11	75		LM = 1-10v
				05 = 5000°K (CRI >80)	20			LD = dali
				65 = 6500°K (CRI >80)	30			D1 = dali + em. 1h
				93 = 3000°K (CRI >90)	40			E1 = em. 1h
				94 = 4000°K (CRI >90)				E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	125	-	70	0,4	0,006	50
<b>D2</b>	180	-	70	0,6	0,006	50
<b>D3</b>	240	-	95	1,2	0,010	50
<b>D4</b>	240	-	95	1,4	0,010	50

## FORO INCASSO / RECESSED HOLE

	Ø	
<b>D1</b>	105	
<b>D2</b>	155	
<b>D3</b>	218	
<b>D4</b>	218	

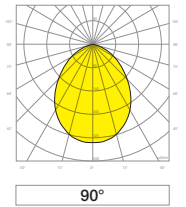




## Mod. VS

**Ottica** Riflettore in alluminio anodizzato, vetro sabbato temperato

**Optic** Anodized aluminium reflector, tempered sanded glass



W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
9	1	1436	956	106	100W ALO	D1

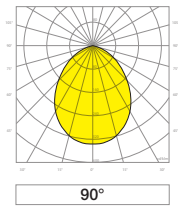
\*4000K CRI>80



## Mod. VS

**Ottica** Riflettore in alluminio anodizzato, vetro sabbato temperato

**Optic** Anodized aluminium reflector, tempered sanded glass



W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1252	114	1x26W FL-C	D2

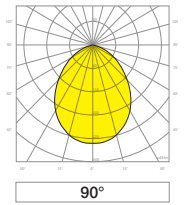
\*4000K CRI>80



## Mod. VS

**Ottica** Riflettore in alluminio anodizzato, vetro sabbato temperato

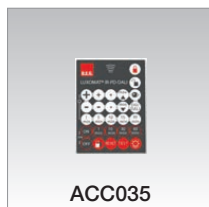
**Optic** Anodized aluminium reflector, tempered sanded glass



W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
20	1	3299	2197	110	2x26W FL-C	D3
30	1	4038	2689	90	70W JM	D3
40	1	5867	3907	98	400W ALO	D4
55	1	8336	5551	101	500W ALO	D4
75	1	10648	7091	95	150W JM	D4

\*4000K CRI>80

### ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# QUADRO

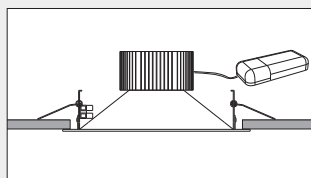
Faretto da incasso quadrato per qualsiasi tipo di controsoffitto. Cornice costruita in lamiera d'acciaio, verniciata con polveri epossipoliesteri di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240Vac 50/60Hz in doppio isolamento. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Square downlight suitable for all false ceiling types. Steel sheet frame, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz class II. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso.

Installation on plasterboard false ceilings.

□ RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-4.91%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.60%</b>
6500°K (CRI >80) =	<b>0%</b>
3000°K (CRI >90) =	<b>-18.15%</b>
4000°K (CRI >90) =	<b>-14.33%</b>



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>~</sub> | -25°C | IP40 | IK07 | RG0 | CRI >80 | 3 step | <10% | L90-B10 | L80-B50 | | **A++**  
240 | +45°C | | | | | | | MacAdam | flicker | >50.000h | >75.000h

## CODIFICA / CODING

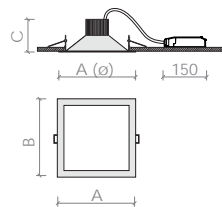
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
6006	+	VS	+	03 = 3000°K (CRI >80)	+	11	+	EL = on/off
				04 = 4000°K (CRI >80)		20		LM = 1-10v
				05 = 5000°K (CRI >80)		30		LD = dali
				65 = 6500°K (CRI >80)		40		D1 = dali + em. 1h
				93 = 3000°K (CRI >90)		55		E1 = em. 1h
				94 = 4000°K (CRI >90)		75		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	180	180	70	0,6	0,006	70
<b>D2</b>	240	240	95	1,2	0,010	70
<b>D3</b>	240	240	95	1,4	0,010	70

## FORO INCASSO / RECESSED HOLE

	A1	B1	
<b>D1</b>	150	150	
<b>D2</b>	210	210	
<b>D3</b>	210	210	

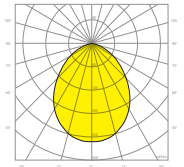




## Mod. VS

**Ottica** Riflettore in alluminio anodizzato, vetro sabbato temperato

**Optic** Anodized aluminium reflector, tempered sanded glass



90°

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
11	1	1880	1252	114	1x26W FL-C	D1

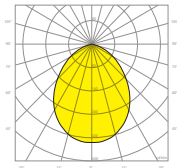
\*4000K CRI>80



## Mod. VS

**Ottica** Riflettore in alluminio anodizzato, vetro sabbato temperato

**Optic** Anodized aluminium reflector, tempered sanded glass



90°

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
20	1	3299	2197	110	2x26W FL-C	D2
30	1	4038	2689	90	70W JM	D2

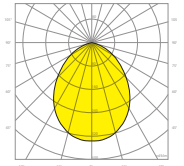
\*4000K CRI>80



## Mod. VS

**Ottica** Riflettore in alluminio anodizzato, vetro sabbato temperato

**Optic** Anodized aluminium reflector, tempered sanded glass

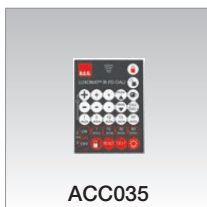


90°

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
40	1	5867	3907	98	400W ALO	D3
55	1	8336	5551	101	500W ALO	D3
75	1	10648	7091	95	150W JM	D3

\*4000K CRI>80

## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# GEMMA

Apparecchio a plafone con installazione a soffitto. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

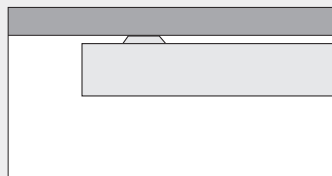
Surface mounted fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

□ RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## CARATTERISTICHE / MAIN FEATURES

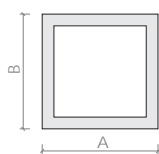
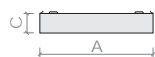
LED | CE | 220/240 V<sub>≈</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2005		Q3		03 = 3000°K (CRI >80)		12		EL = on/off
		QP		04 = 4000°K (CRI >80)		20		LM = 1-10v
				05 = 5000°K (CRI >80)		26		LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	350	350	60	1,7	0,008	60

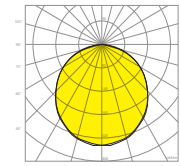


## Mod. Q3

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
12	4000K - CRI>80	30	1980	1465	122	1x26W FL-C	D1
20	4000K - CRI>80	66	3189	2359	118	2x18W FL-C	D1
26	4000K - CRI>80	66	3968	2936	113	2x26W FL-C	D1

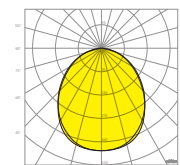
## Mod. QP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

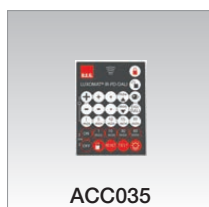
Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	°K - CRI	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
12	4000K - CRI>80	30	1980	1391	116	1x26W FL-C	D1
20	4000K - CRI>80	66	3189	2241	112	2x18W FL-C	D1
26	4000K - CRI>80	66	3968	2789	107	2x26W FL-C	D1

## ACCESSORI / ACCESSORIES



**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# NAIROBI

Apparecchio a plafone con installazione a soffitto. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

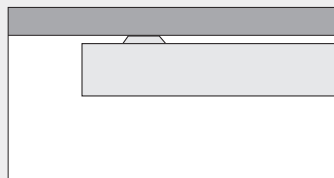
Surface mounted fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## CARATTERISTICHE / MAIN FEATURES

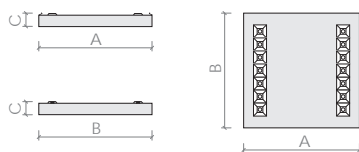
| | 220 V<sub>≈</sub> 240 | | -25°C | IP40 | IK07 | RG0 | CRI >80 | CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2006		2N		03 = 3000°K (CRI >80)		26		EL = on/off
		2B		04 = 4000°K (CRI >80)				LM = 1-10v
				05 = 5000°K (CRI >80)				LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
350	350	35	1,5	0,005	60





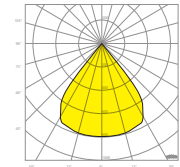
## Mod. 2N

### Ottica

Riflettore antiabbagliamento in PMMA verniciato nero lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

### Optic

Black painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



80° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
26	4000K - CRI>80	2x28	3731	2965	114	2x26W FL-C



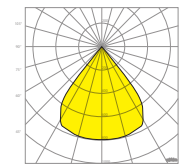
## Mod. 2B

### Ottica

Riflettore antiabbagliamento in PMMA verniciato bianco lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

### Optic

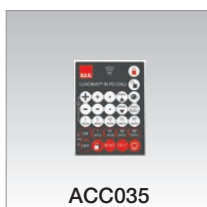
White painted PMMA external reflector with inner polycarbonate high flux efficiency directional lenses. Controlled UGR <19



80° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
26	4000K - CRI>80	2x28	3731	2965	114	2x26W FL-C

## ACCESSORI / ACCESSORIES



**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)



# BLANCA

Apparecchio a plafone con installazione a soffitto o sospensione. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antiingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Surface mounted or suspended fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

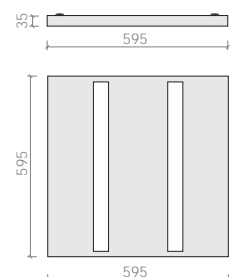
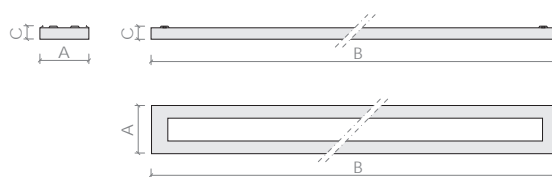
| | 220 V<sub>~</sub> |  $\pm 25^{\circ}\text{C}$  /  $+45^{\circ}\text{C}$  | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2011		RP		03 = 3000°K (CRI >80)	10	33		EL = on/off
		QP		04 = 4000°K (CRI >80)	15	38		LM = 1-10v
				05 = 5000°K (CRI >80)	21	48		LD = dali
				65 = 6500°K (CRI >80)	23	60		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	28			E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	150	690	35	1,3	0,008	100
<b>D2</b>	150	1250	35	2,2	0,010	80
<b>D3</b>	150	1530	35	2,6	0,012	50
<b>D4</b>	595	595	35	4,5	0,015	70



RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



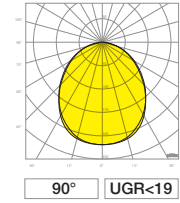
## Mod. RP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
10	4000K - CRI>80	1x32	1782	1283	128	1x18W fluo	D1
15	4000K - CRI>80	1x64	2724	1961	131	2x18W fluo	D1
21	4000K - CRI>80	1x64	3751	2700	129	2x24W fluo	D1
23	4000K - CRI>80	1x64	3968	2856	124	1x36W fluo	D2
28	4000K - CRI>80	1x80	4961	3571	128	1x58W fluo	D3
33	4000K - CRI>80	1x128	5919	4261	129	2x36W fluo	D2
38	4000K - CRI>80	1x160	7117	5124	135	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	5980	125	2x54W fluo	D2
60	4000K - CRI>80	1x160	10382	7475	125	2x58W fluo	D3



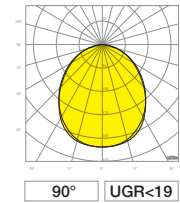
## Mod. QP

### Ottica

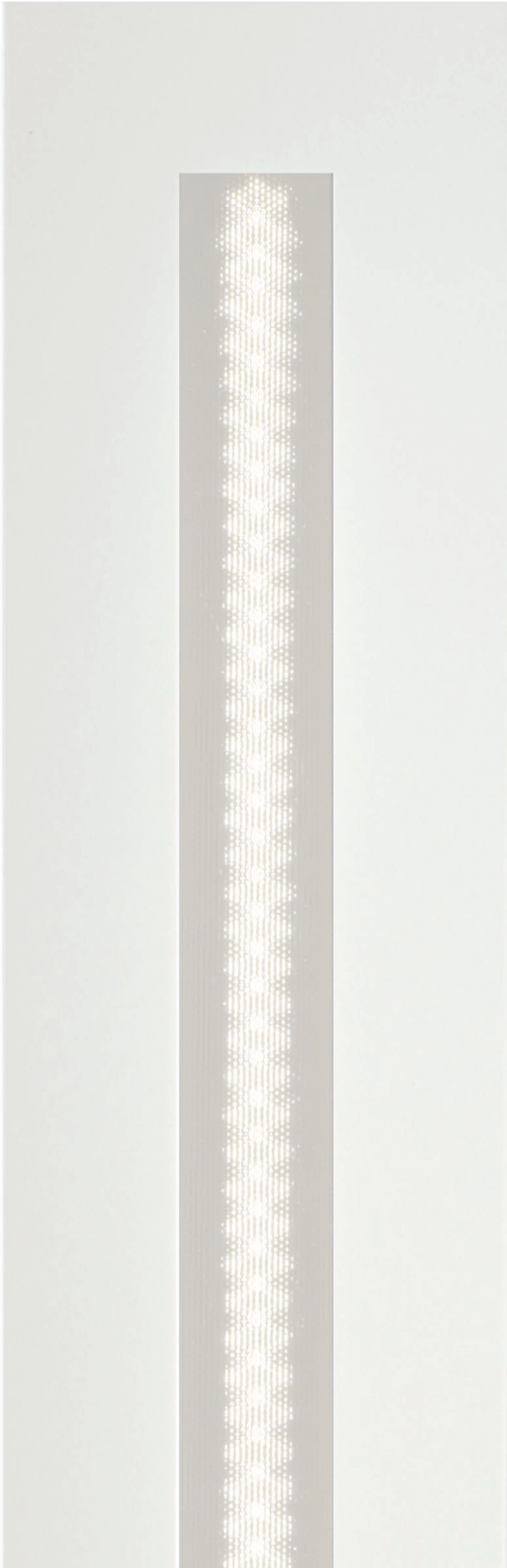
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

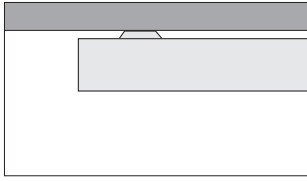
Anti-glare microprismatic polycarbonate diffuser



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
33	4000K - CRI>80	2x64	5919	4261	129	4x18W fluo	D4
48	4000K - CRI>80	2x64	8306	5980	125	4x24W fluo	D4



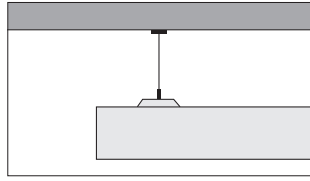
**Installazione a plafone**  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

**Installazione a sospensione**  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

ACCESSORI / ACCESSORIES



ACC006



ACC018



ACC035



ACC150

- ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable
- ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

# BLANCA HP

Apparecchio a plafone con installazione a soffitto o sospensione. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antiingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Surface mounted or suspended fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

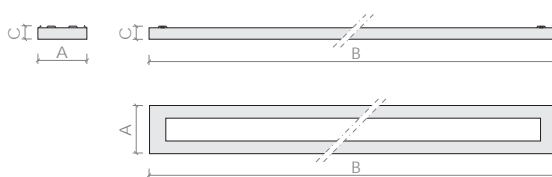
| | 220 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2013		RP		03 = 3000°K (CRI >80)	10	33		EL = on/off
				04 = 4000°K (CRI >80)	15	38		LM = 1-10v
				05 = 5000°K (CRI >80)	21	48		LD = dali
				65 = 6500°K (CRI >80)	23	60		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	28			E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	150	690	35	1,3	0,008	100
<b>D2</b>	150	1250	35	2,2	0,010	80
<b>D3</b>	150	1530	35	2,6	0,012	50



RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

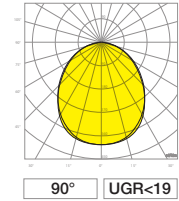
## Mod. RP

### Optica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

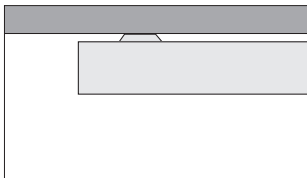
Anti-glare microprismatic polycarbonate diffuser



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
10	4000K - CRI>80	2x32	1894	1363	136	1x18W fluo	D1
15	4000K - CRI>80	2x64	2905	2091	139	2x18W fluo	D1
21	4000K - CRI>80	2x64	4124	2969	141	2x24W fluo	D1
23	4000K - CRI>80	2x64	4458	3209	140	1x36W fluo	D2
28	4000K - CRI>80	2x80	5322	3831	137	1x58W fluo	D3
33	4000K - CRI>80	2x128	6356	4576	139	2x36W fluo	D2
38	4000K - CRI>80	2x160	7433	5351	141	2x49W fluo	D3
48	4000K - CRI>80	2x128	9048	6514	136	2x54W fluo	D2
60	4000K - CRI>80	2x160	11310	8143	136	2x58W fluo	D3

## INSTALLAZIONE / INSTALLATION

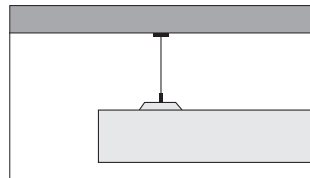
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

## ACCESSORI / ACCESSORIES



**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# SIERRA

Apparecchio a plafone con installazione a soffitto o sospensione. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antiingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Surface mounted or suspended fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220/240 V<sub>≈</sub> | -25°C / +45°C | IP20 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2012		R2		03 = 3000°K (CRI >80)	10	33		EL = on/off
				04 = 4000°K (CRI >80)	15	38		LM = 1-10v
				05 = 5000°K (CRI >80)	21	48		LD = dali
				65 = 6500°K (CRI >80)	23	60		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	28			E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth Dali

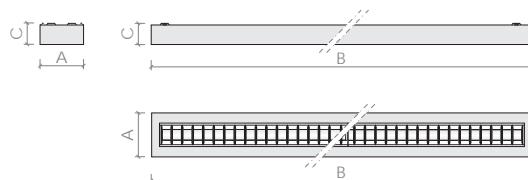
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	135	590	60	1,3	0,008	100
<b>D2</b>	135	1150	60	2,2	0,010	80
<b>D3</b>	135	1430	60	2,6	0,012	50

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



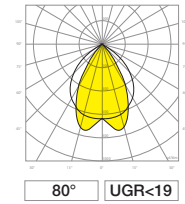
## Mod. R2

### Ottica

Ottica micro dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2)

### Optic

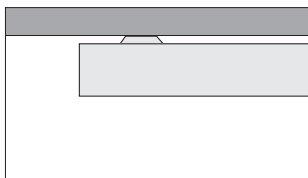
Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2)



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
10	4000K - CRI>80	1x32	1782	1340	134	1x18W fluo	D1
15	4000K - CRI>80	1x64	2724	2048	137	2x18W fluo	D1
21	4000K - CRI>80	1x64	3751	2820	134	2x24W fluo	D1
23	4000K - CRI>80	1x64	3968	2983	130	1x36W fluo	D2
28	4000K - CRI>80	1x80	4961	3730	133	1x58W fluo	D3
33	4000K - CRI>80	1x128	5919	4451	135	2x36W fluo	D2
38	4000K - CRI>80	1x160	7117	5351	141	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6246	130	2x54W fluo	D2
60	4000K - CRI>80	1x160	10382	7807	130	2x58W fluo	D3

## INSTALLAZIONE / INSTALLATION

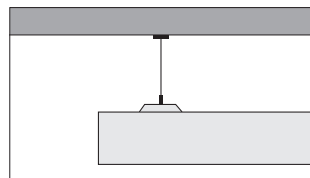
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

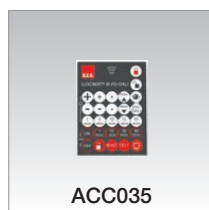
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

## ACCESSORI / ACCESSORIES



- ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable
- ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# DIAMANTE

Apparecchio a plafone con installazione a soffitto o sospensione. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco anti-giallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Surface mounted or suspended fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION





## CARATTERISTICHE / MAIN FEATURES

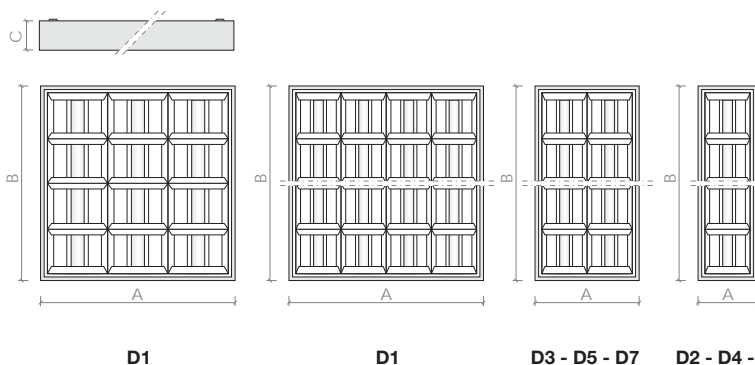
LED | CE |  $220 \text{ V} \approx$  |  $-25^{\circ}\text{C}$  | IP20 | IK07 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | 7 | A++  
240 |  $+45^{\circ}\text{C}$  | MacAdam | FREE | >60.000h | >100.000h

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2020		Q2		03 = 3000°K (CRI >80)	12	37		EL = on/off
		R2		04 = 4000°K (CRI >80)	15	38		LM = 1-10v
				05 = 5000°K (CRI >80)	23	48		LD = dali
				65 = 6500°K (CRI >80)	24	60		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	28	66		E1 = em. 1h
						33		E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	605	605	90	4,5	0,035	50	<b>D5</b>	305	1205	90	8,0	0,044	50
<b>D2</b>	165	605	90	2,4	0,011	80	<b>D6</b>	165	1505	90	6,3	0,028	60
<b>D3</b>	305	605	90	3,9	0,020	60	<b>D7</b>	305	1505	90	11,3	0,050	50
<b>D4</b>	165	1205	90	4,9	0,020	60	<b>D8</b>	605	1205	90	13,0	0,080	30



RAL 9003

## Δ LUMEN

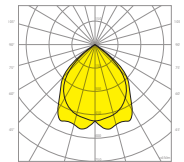
3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



## Mod. Q2

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

**Optic** Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.



90° UGR<16

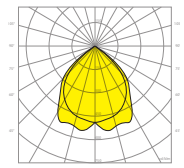
W tot.	n° Led	K°	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
24	3x32	4000	4042	2708	113	3x18W fluo	D1
33	4x32	4000	5390	3611	109	4x18W fluo	D1
37	3x32	4000	5326	3568	96	3x24W fluo	D1
48	4x32	4000	7101	4757	99	4x24W fluo	D1



## Mod. R2

**Ottica** Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

**Optic** Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.

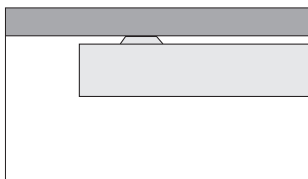


90° UGR<16

W tot.	n° Led	K°	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
12	1x32	4000	1699	1138	95	1x18W fluo	D2
15	2x32	4000	2524	1691	113	2x18W fluo	D3
23	1x64	4000	3551	2379	103	1x36W fluo	D4
28	1x80	4000	4625	3098	111	1x58W fluo	D6
33	2x64	4000	5390	3611	109	2x36W fluo	D5
38	2x80	4000	6310	4227	111	2x49W fluo	D7
48	2x64	4000	7101	4757	99	2x54W fluo	D5
60	2x80	4000	8955	5999	100	2x58W fluo	D7
66	4x64	4000	10780	7222	109	4x36W fluo	D8

### INSTALLAZIONE / INSTALLATION

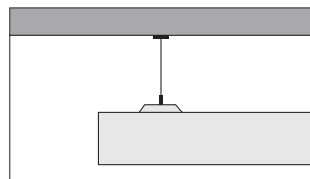
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

### ACCESSORI / ACCESSORIES



**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione

Suspended installation kit with 4 steel cables, ceiling rose and power cable

**ACC018** Sensore per apparecchi a plafone DALI

Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)

Remote control for office sensors (optional)

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT

Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



Apparecchio a plafone con installazione a soffitto. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco e antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Surface mounted fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> | -25°C / +45°C | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2043		D3		03 = 3000°K (CRI >80)	09	42		EL = on/off
				04 = 4000°K (CRI >80)	19	50		LM = 1-10v
				05 = 5000°K (CRI >80)	20	54		LD = dali
				65 = 6500°K (CRI >80)	24	60		E1 = em. 1h
				94 = 4000°K (CRI >90)	36			E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	62	62	595	1,3	0,003	100
<b>D2</b>	62	62	1195	2,2	0,006	60
<b>D3</b>	62	62	1435	3,5	0,008	60



## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>

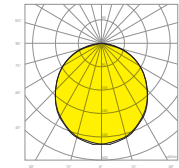
## Mod. D3

### Ottica

Diffusore in policarbonato opale satinato

### Optic

Satin opal polycarbonate diffuser

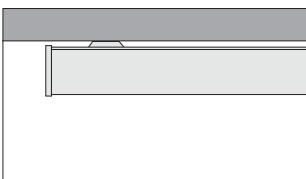


120°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
9	4000K - CRI>80	1x32	1347	1097	122	1x18W fluo	D1
19	4000K - CRI>80	1x64	2695	2196	116	2x18W fluo	D1
20	4000K - CRI>80	1x64	2695	2196	110	1x36W fluo	D2
24	4000K - CRI>80	1x80	3369	2745	114	1x58W fluo	D3
36	4000K - CRI>80	1x128	5390	4392	122	2x36W fluo	D2
42	4000K - CRI>80	1x160	6737	5490	131	2x49W fluo	D3
50	4000K - CRI>80	1x128	8208	6689	134	2x54W fluo	D2
54	4000K - CRI>80	1x150	8200	6683	124	2x58W fluo	D3
60	4000K - CRI>80	1x160	9249	7537	126	2x58W fluo	D3

## INSTALLAZIONE / INSTALLATION

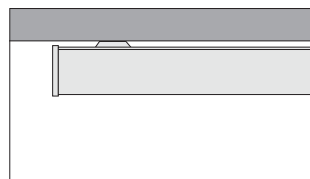
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

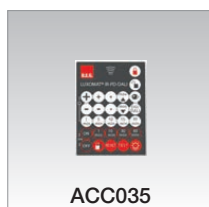
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC002)

Suspended installation. Installation with steel cables (ACC002)

## ACCESSORI / ACCESSORIES



**ACC007** Kit per installazione a sospensione completo di 2 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 2 steel cables, ceiling rose and power cable

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# CORAL

Apparecchio a plafone con installazione a soffitto o sospensione. Base costruita in lamiera d'acciaio preverniciato bianco, coppa sporgente in polycarbonato opale liscio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Surface mounted fitting. Pre-painted steel sheet body, with smooth opal polycarbonate protruding cup. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

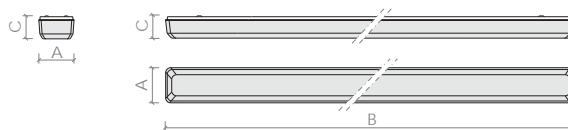
| | 220 V<sub>~</sub> |  $\pm 25^{\circ}\text{C}$  /  $+45^{\circ}\text{C}$  | IP40 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

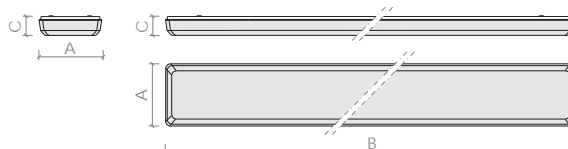
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2045		S4		03 = 3000°K (CRI >80)	10	38		EL = on/off
		L4		04 = 4000°K (CRI >80)	22	48		LM = 1-10v
				05 = 5000°K (CRI >80)	23	51		LD = dali
				65 = 6500°K (CRI >80)	28	60		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)	33			E1 = em. 1h
								E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	107	650	75	1,8	0,010	100	<b>D4</b>	191	650	60	2,0	0,012	100
<b>D2</b>	107	1256	75	2,3	0,015	80	<b>D5</b>	191	1256	60	2,5	0,022	50
<b>D3</b>	107	1556	75	2,6	0,018	80	<b>D6</b>	191	1556	60	2,8	0,026	50



**D1 - D2 - D3**



**D4 - D5 - D6**

## Δ LUMEN

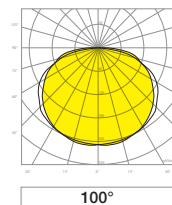
3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



## Mod. S4

**Ottica** Coppa sporgente in policarbonato opale liscio

**Optic** Protruding cup in smooth opal polycarbonate



W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
10	1x32	1347	964	96	1x18W fluo	D1
22	1x64	3372	2414	110	2x18W fluo	D1
23	1x64	3385	2423	105	1x36W fluo	D2
28	1x80	4438	3177	113	1x58W fluo	D3
33	1x128	5390	3859	117	2x36W fluo	D2
38	1x160	6524	4671	123	2x49W fluo	D3
48	1x128	7101	5084	106	2x54W fluo	D2
51	1x160	8038	5755	113	2x58W fluo	D3
60	1x160	9249	6622	110	2x58W fluo	D3

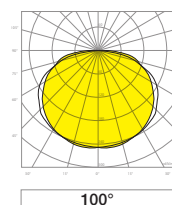
\*4000K CRI>80



## Mod. L4

**Ottica** Coppa sporgente in policarbonato opale liscio

**Optic** Protruding cup in smooth opal polycarbonate

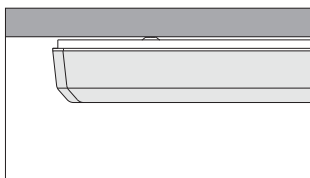


W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
22	2x32	3372	2414	110	2x18W fluo	D4
33	2x64	5390	3859	117	2x36W fluo	D5
38	2x80	6524	4671	123	2x49W fluo	D6
48	2x64	7101	5084	106	2x54W fluo	D5
60	2x80	9249	6622	110	2x58W fluo	D6

\*4000K CRI>80

### INSTALLAZIONE / INSTALLATION

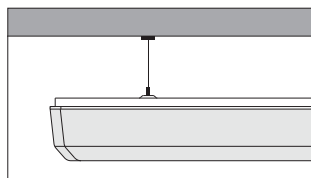
**Installazione a plafone**  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

**Installazione a sospensione**  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

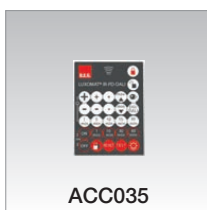
### ACCESSORI / ACCESSORIES



ACC006



ACC018



ACC035

**ACC006** Kit per installazione a sospensione completo di 4 cavi d'acciaio, rosone e cavo di alimentazione  
Suspended installation kit with 4 steel cables, ceiling rose and power cable

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# DIVA

Apparecchio lineare a plafone per installazione a soffitto o sospensione. Corpo in trafilato di alluminio verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Linear surface mounted or suspended fitting. Extruded aluminum body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP40 | IK07 | RG0 | CRI >80 | CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

### CODIFICA - colore bianco / CODING - white color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9003
2002		R3	3	= 3000°K (CRI >80)	016	040	BL	= on/off	
		RP	4	= 4000°K (CRI >80)	024	048	BM	= 1-10v	
		L3	5	= 5000°K (CRI >80)	025	060	BD	= dali	
		LP	6	= 6500°K (CRI >80)	032	080	B1	= em. 1h	
		T3	9	= 4000°K (CRI >90)	037	120	B3	= em. 3h	
		TP					BT	= bluetooth Dali	

### CODIFICA - colore nero / CODING - black color

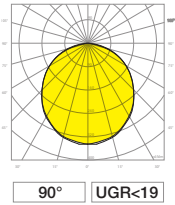
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9005
2002		R3	3	= 3000°K (CRI >80)	016	040	NL	= on/off	
		RP	4	= 4000°K (CRI >80)	024	048	NM	= 1-10v	
		L3	5	= 5000°K (CRI >80)	025	060	ND	= dali	
		LP	6	= 6500°K (CRI >80)	032	080	N1	= em. 1h	
		T3	9	= 4000°K (CRI >90)	037	120	N3	= em. 3h	
		TP					NB	= bluetooth Dali	

RAL 9003  
 RAL 9005

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## Mod. R3



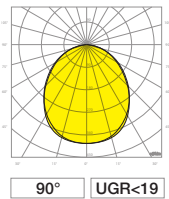
**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORY)**

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
16	350	2678	2030	127	2x18W fluo	D1
32	350	5356	4061	127	2x36W fluo	D2
40	350	6695	5076	127	2x49W fluo	D3
80	350	13390	10153	127	4x49W fluo	D4
24	500	3655	2769	115	2x24W fluo	D1
48	500	7310	5541	115	2x54W fluo	D2
60	500	9138	6926	115	2x58W fluo	D3
120	500	18276	13853	115	4x58W fluo	D4

\*4000K CRI>80

## Mod. RP



**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

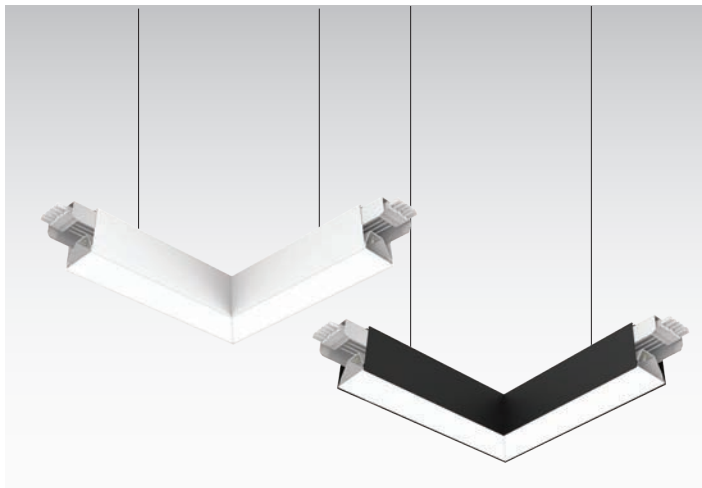
**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORY)**

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
16	350	2678	1906	119	2x18W fluo	D1
32	350	5356	3813	119	2x36W fluo	D2
40	350	6695	4767	119	2x49W fluo	D3
80	350	13390	9534	119	4x49W fluo	D4
24	500	3655	2601	108	2x24W fluo	D1
48	500	7310	5203	108	2x54W fluo	D2
60	500	9138	6504	108	2x58W fluo	D3
120	500	18276	13008	108	4x58W fluo	D4

\*4000K CRI>80

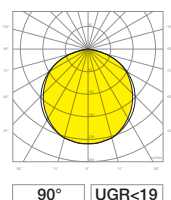


## Mod. L3



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	2030	127	D5
24	500	3655	2769	115	D5

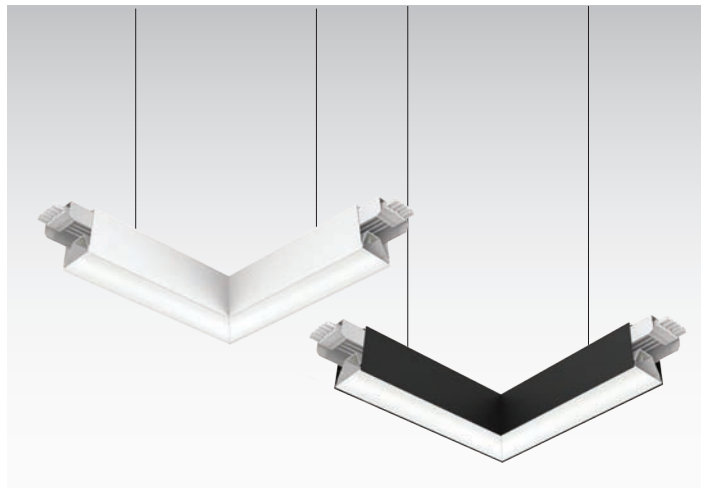
\*4000K CRI>80



**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

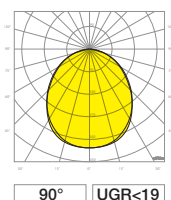
**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORIO)**

## Mod. LP



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
16	350	2678	1906	119	D5
24	500	3655	2601	108	D5

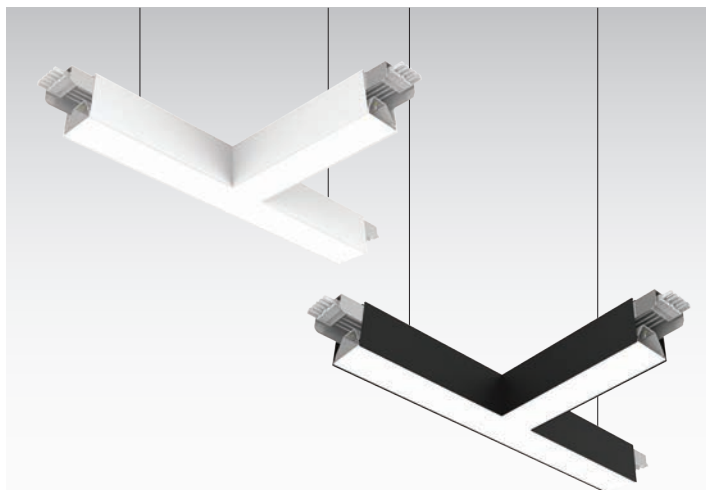
\*4000K CRI>80



**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

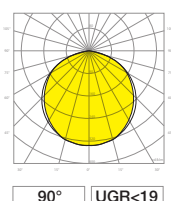
**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORIO)**

## Mod. T3



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
25	350	4133	3134	125	D6
37	500	5641	4275	116	D6

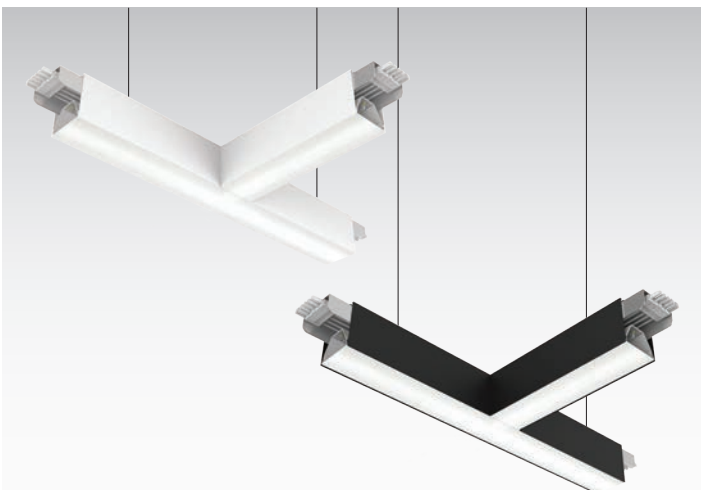
\*4000K CRI>80



**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

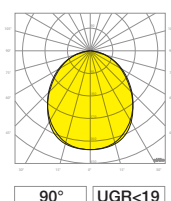
**Optic**  
Anti-glare smooth opal polycarbonate diffuser.  
**(ACCESSORIO)**

## Mod. TP



W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
25	350	4133	2942	118	D6
37	500	5641	4014	109	D6

\*4000K CRI>80

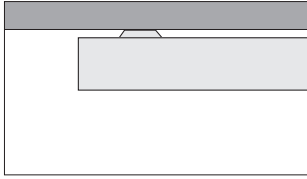


**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso.  
**(ACCESSORIO)**

**Optic**  
Anti-glare microprismatic polycarbonate diffuser.  
**(ACCESSORIO)**

## INSTALLAZIONE / INSTALLATION

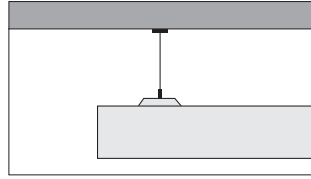
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

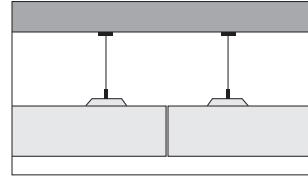
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio. (ACC007)

Suspended installation. Installation with steel cables. (ACC007)

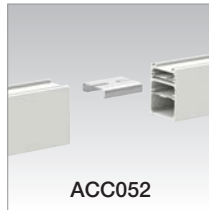
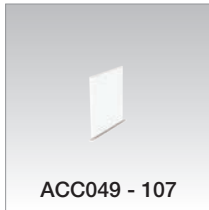
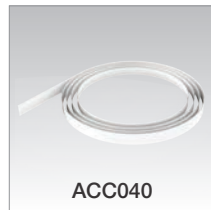
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua.

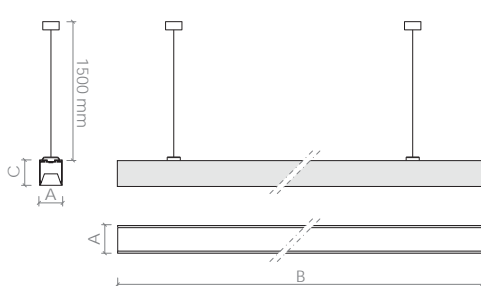
Continuous row installation.

## ACCESSORI / ACCESSORIES

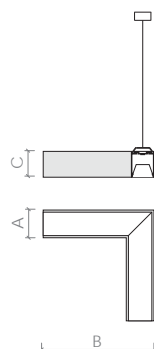


- ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC040** Diffusore opale in bobina (al metro)  
Opal diffuser in coil (at meter)
- ACC041** Diffusore microprismatizzata in bobina (al metro)  
Microprismatic diffuser in coil (at meter)
- ACC042** Diffusore opale in lastra da 560mm  
Opal diffuser in 560mm sheet
- ACC043** Diffusore opale in lastra da 1120mm  
Opal diffuser in 1120mm sheet
- ACC044** Diffusore opale in lastra da 1400mm  
Opal diffuser in 1400mm sheet
- ACC045** Diffusore microprismatizzata in lastra da 560mm  
Microprismatic diffuser in 560mm sheet
- ACC046** Diffusore microprismatizzata in lastra da 1120mm  
Microprismatic diffuser in 1120mm sheet
- ACC047** Diffusore microprismatizzata in lastra da 1400mm  
Microprismatic diffuser in 1400mm sheet
- ACC049** Tappo di chiusura verniciato bianco  
White painted closing cap
- ACC107** Tappo di chiusura verniciato nero  
Black painted closing cap
- ACC052** Giunto lineare  
Linear junction
- ACC124** Connettore di inizio linea  
Line start connector
- ACC146** Kit rosone + cavo di alimentazione 2P+T (1,5m) + connettore di inizio linea  
Kit with power box + 2P+E power cable (1.5 m) + start row clamp
- ACC147** Kit rosone + cavo di alimentazione 4P+T (1,5m) + connettore di inizio linea + 2 cavi d'acciaio lunghezza 1500mm.  
Kit with power box + 4P+E power cable (1.5 m) + start row clamp + 2 steel 1500 mm length cables.
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option
- ACC007** Kit completo di 2 cavi d'acciaio lunghezza 1500mm per installazione a sospensione.  
Suspended installation kit, including: 2 steel 1500 mm length cables.

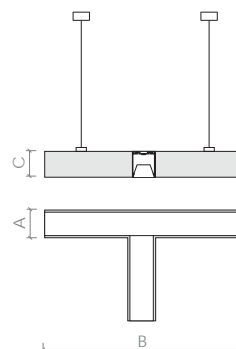
## DIMENSIONI / DIMENSION




**D1 - D2 - D3 - D4**



**D5**



**D6**

	A	B	C	Kg	mc	
<b>D1</b>	75	560	85	1,2	0,005	60
<b>D2</b>	75	1120	85	2,1	0,010	60
<b>D3</b>	75	1400	85	2,5	0,011	60
<b>D4</b>	75	2800	85	5,1	0,022	30
<b>D5</b>	75	322	85	1,1	0,005	60
<b>D6</b>	75	560	322	1,7	0,011	60

# FORMA (opal)

Apparecchio lineare a led a sospensione o plafone. Completo di 2 cavi in acciaio e cavo di alimentazione inclusi nella confezione per l'installazione a sospensione. Corpo in alluminio trafilato, verniciato con polveri epossipoliestere di colore bianco antigiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Linear surface mounted or suspended fitting. Suspension kit (steel cable + power supply cable) included. Extruded aluminum body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V<sub>±</sub>

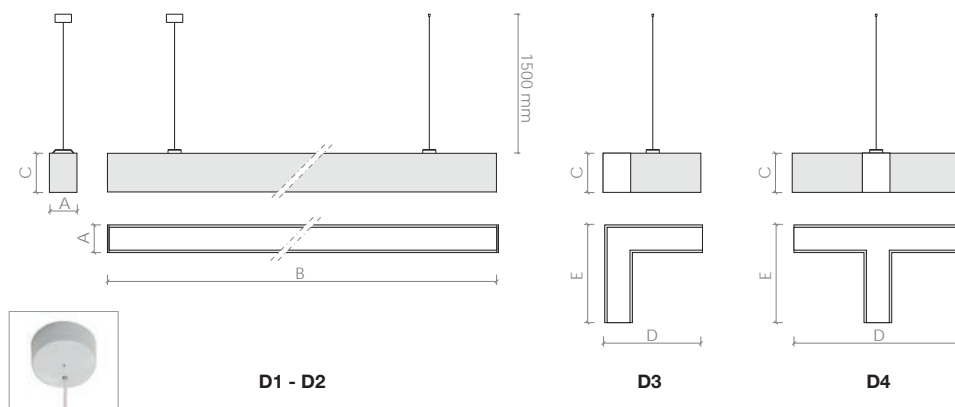
 -25°C / +45°C
 | IP40
 | IK07
 | RG0
 | CRI >80 / CRI >90
 | 3 step MacAdam
 | <3% flicker FREE
 | L90-B10 >60.000h
 | L80-B50 >100.000h
 |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2065		3M0	3	= 3000°K (CRI >80)	11	32	EL	= on/off
		3B0	4	= 4000°K (CRI >80)	16	35	LM	= 1-10v
		3MA	5	= 5000°K (CRI >80)	17	40	LD	= dali
		3BA	6	= 6500°K (CRI >80)	22	43	D1	= dali + em. 1h
		3LA	9	= 4000°K (CRI >90)	25	52	E1	= em. 1h
		3TA			27	64	E3	= em. 3h
							BT	= bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	D	E	Kg	mc	
<b>D1</b>	85	1130	120	-	-	4,5	0,014	60
<b>D2</b>	85	1410	120	-	-	5,5	0,018	60
<b>D3</b>	85	-	120	340	340	1,5	0,018	60
<b>D4</b>	85	-	120	340	340	1,5	0,018	60

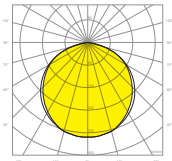
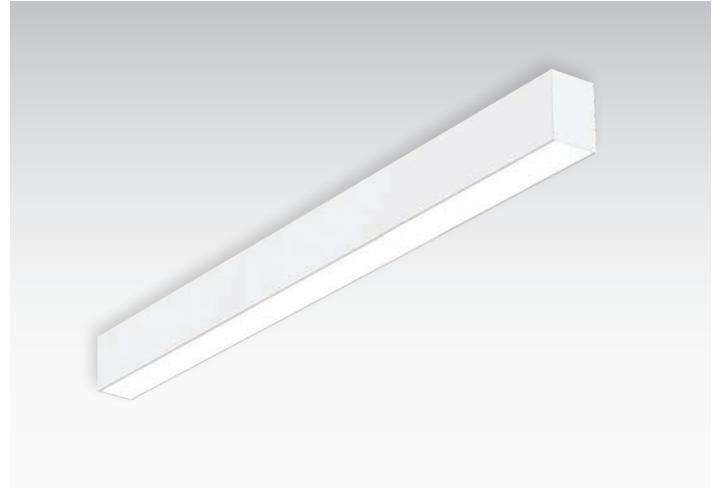


RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## Mod. 3M0



90° UGR<19

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

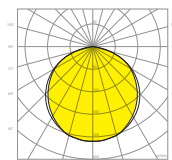
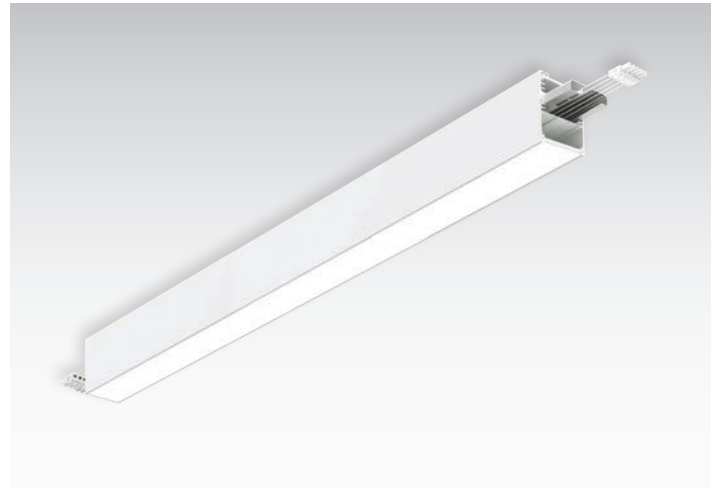
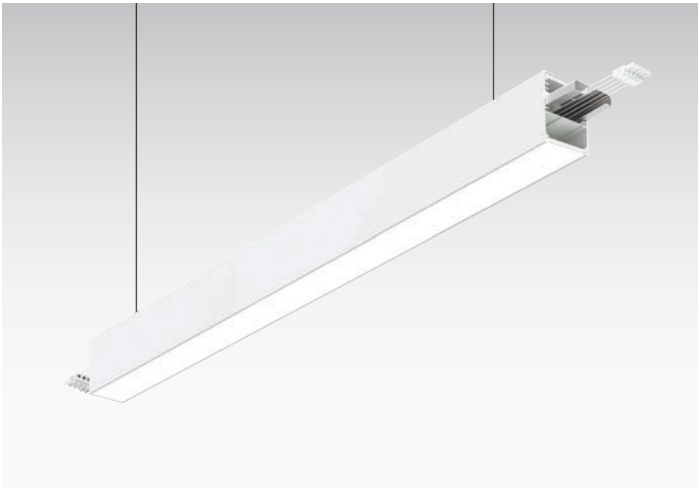
### Optic

Anti-glare smooth opal polycarbonate diffuser

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
22	234	3687	2728	124	1x36W fluo	D1
27	234	4609	3410	126	1x58W fluo	D2
35	350	5390	3988	114	2x36W fluo	D1
43	350	6737	4985	116	2x49W fluo	D2

\*4000K CRI>80

## Mod. 3MA



90° UGR<19

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

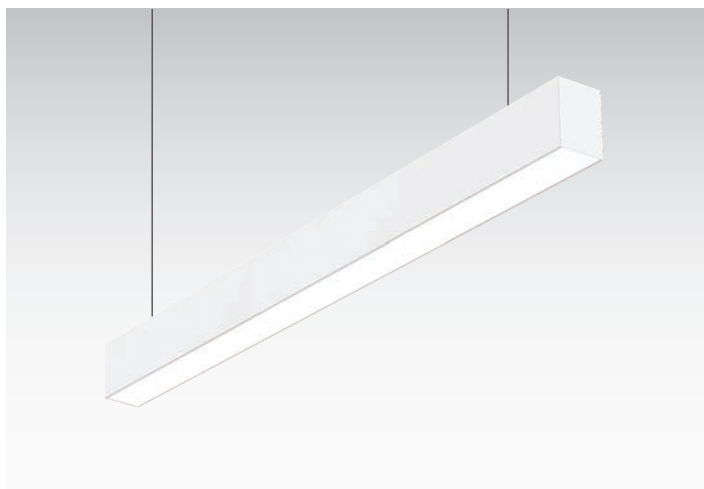
### Optic

Anti-glare smooth opal polycarbonate diffuser

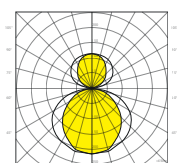
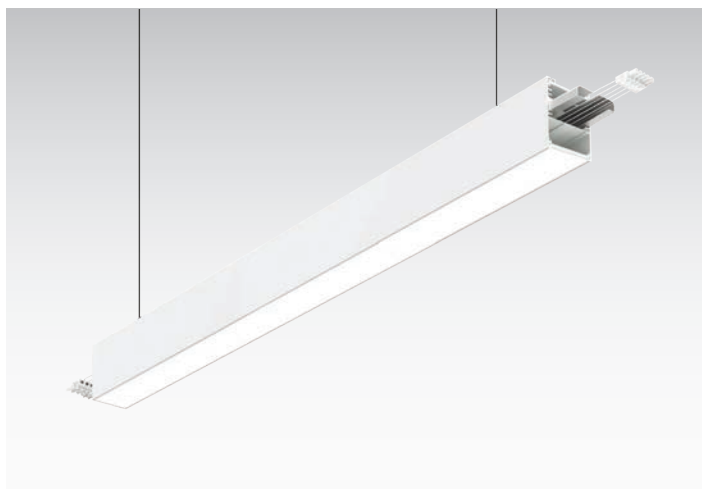
W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
22	234	3687	2728	124	1x36W fluo	D1
27	234	4609	3410	126	1x58W fluo	D2
35	350	5390	3988	114	2x36W fluo	D1
43	350	6737	4985	116	2x49W fluo	D2

\*4000K CRI>80

## Mod. 3B0



## Mod. 3BA



90° UGR<19

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso nella parte superiore ed inferiore.  
Distribuzione della luce: 65% diretta e 35% indiretta.

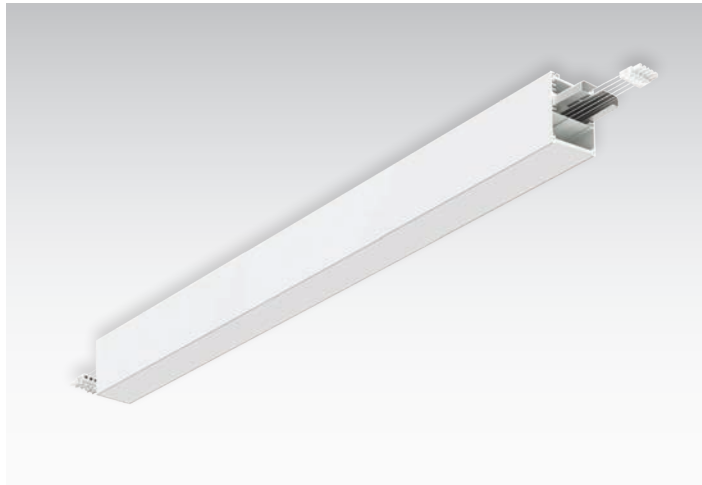
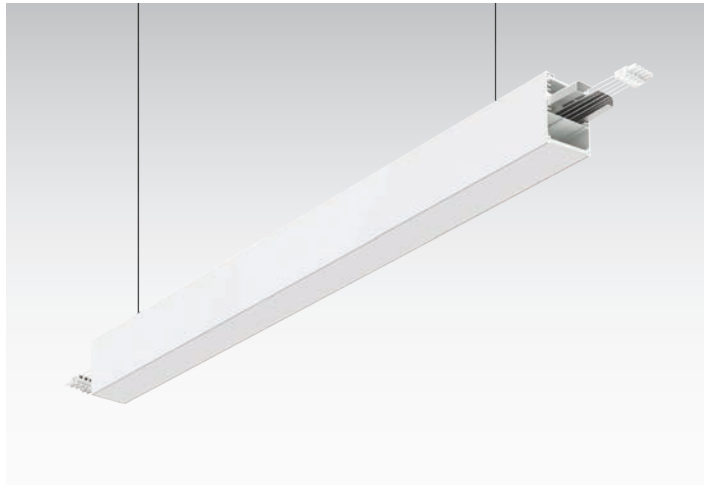
### Optic

Anti-glare smooth opal polycarbonate diffuser at the top and bottom part.  
Light distribution: 65% direct and 35% indirect.

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
32	234	5531	4092	128	1x36W fluo	D1
40	234	6914	5116	128	1x58W fluo	D2
52	350	8084	5982	115	2x54W fluo	D1
64	350	10106	7478	117	2x58W fluo	D2

\*4000K CRI>80

## Mod. MCA



### Modulo cieco

Modulo cieco per fila continua compreso di elettrificazione 5 poli. Ganci e cavi d'acciaio per la sospensione e giunto inclusi.

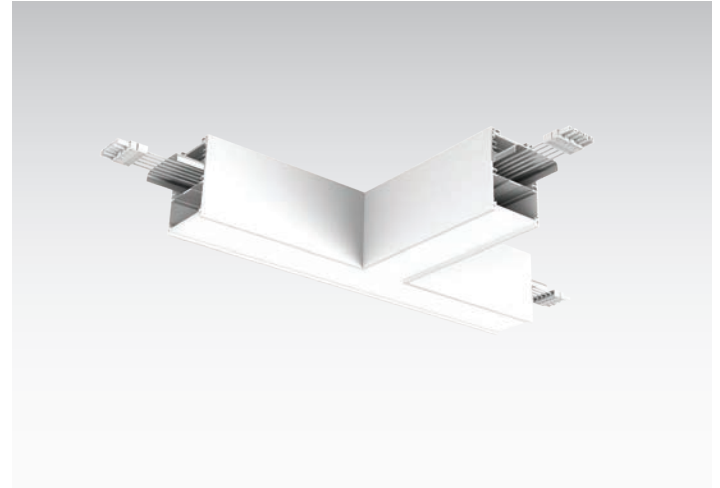
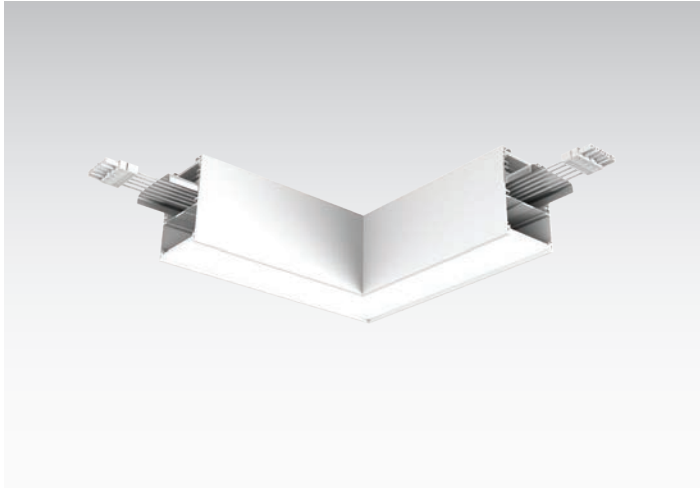
### Model

Continuous row blind module including 5 pole electrified duct. Steel hooks and cables for suspension and coupling included.

Cod.	dimension
2065MCA0012B5	D1
2065MCA0015B5	D2

## Mod. 3LA

## Mod. 3TA

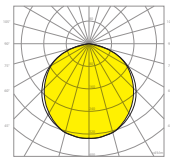


W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
11	234	1959	1449	132	D3
16	350	2757	2040	128	D3

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
17	234	2938	2174	128	D4
25	350	4135	3059	122	D4

\*4000K CRI>80

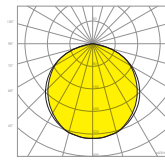
\*4000K CRI>80



**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Optic**  
Anti-glare smooth opal polycarbonate diffuser

90° UGR<19



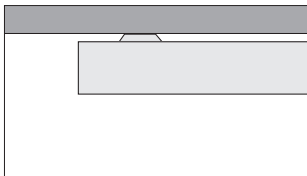
**Ottica**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Optic**  
Anti-glare smooth opal polycarbonate diffuser

90° UGR<19

### INSTALLAZIONE / INSTALLATION

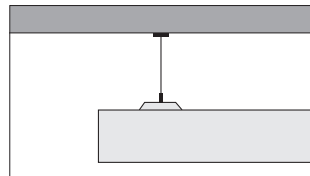
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

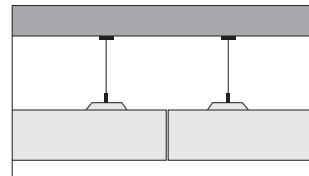
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio inclusi

Suspended installation. Installation with steel cables (included)

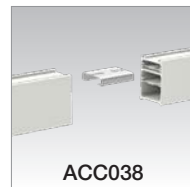
Installazione in fila continua  
Continuous row installation



Apparecchio adatto per installazione in fila continua.

Continuous row installation.

### ACCESSORI / ACCESSORIES



**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC038** Giunto lineare  
Linear junction

**ACC039** Tappo di chiusura  
Closing cap



**ACC146** Kit rosone + cavo di alimentazione 2P+T (1,5m) + connettore di inizio linea  
Kit with power box + 2P+E power cable (1.5 m) + start row clamp

**ACC147** Kit rosone + cavo di alimentazione 4P+T (1,5m) + connettore di inizio linea  
Kit with power box + 4P+E power cable (1.5 m) + start row clamp

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option



# FORMA (dark-light)

Apparecchio lineare a led a sospensione o plafone. Completo di 2 cavi in acciaio e cavo di alimentazione inclusi nella confezione per l'installazione a sospensione. Corpo in alluminio trafilato, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Linear surface mounted or suspended fitting. Suspension kit (steel cable + power supply cable) included. Extruded aluminum body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> | ± | -25°C | IP20 | IK07 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | 7 | A++  
 240 | +45°C | | | | | | | MacAdam | FREE | >60.000h | >100.000h

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2065		2M0	3	= 3000°K (CRI >80)	22	40	EL	= on/off
		2B0	4	= 4000°K (CRI >80)	27	43	LM	= 1-10v
		2MA	5	= 5000°K (CRI >80)	32	52	LD	= dali
		2BA	6	= 6500°K (CRI >80)	35	64	D1	= dali + em. 1h
			9	= 4000°K (CRI >90)			E1	= em. 1h
							E3	= em. 3h
							BT	= bluetooth Dali

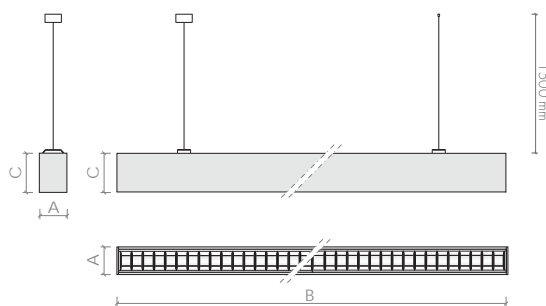
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	85	1130	120	4,5	0,014	60
<b>D2</b>	85	1410	120	5,5	0,018	60

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## Δ LUMEN

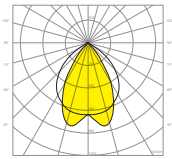
3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



D1 - D2



## Mod. 2M0



80° UGR<19

### Ottica

Micro ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2).

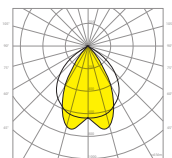
### Optic

Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2).

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
22	234	3687	2580	117	1x36W fluo	D1
27	234	4609	3226	119	1x58W fluo	D2
35	350	5390	3773	108	2x36W fluo	D1
43	350	6737	4715	110	2x49W fluo	D2

\*4000K CRI>80

## Mod. 2MA



80° UGR<19

### Ottica

Micro ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2).

### Optic

Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2).

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
22	234	3687	2580	117	1x36W fluo	D1
27	234	4609	3226	119	1x58W fluo	D2
35	350	5390	3773	108	2x36W fluo	D1
43	350	6737	4715	110	2x49W fluo	D2

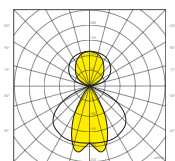
\*4000K CRI>80



## Mod. 2B0



## Mod. 2BA



80° UGR<19

### Optica

Micro ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso nella parte superiore.  
Distribuzione della luce: 65% diretta e 35% indiretta.

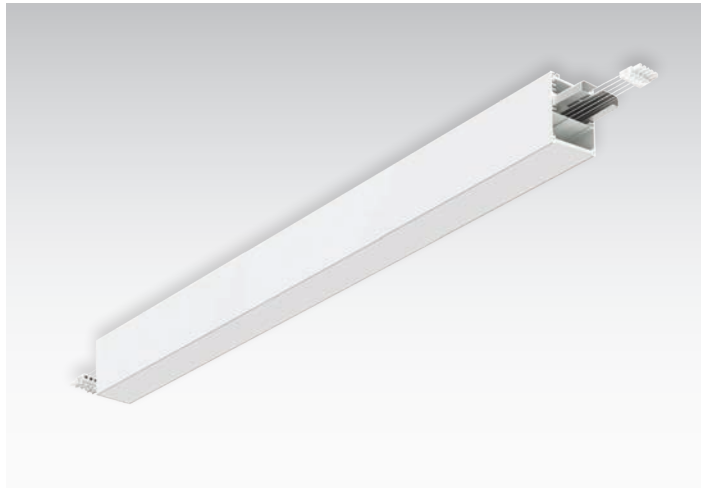
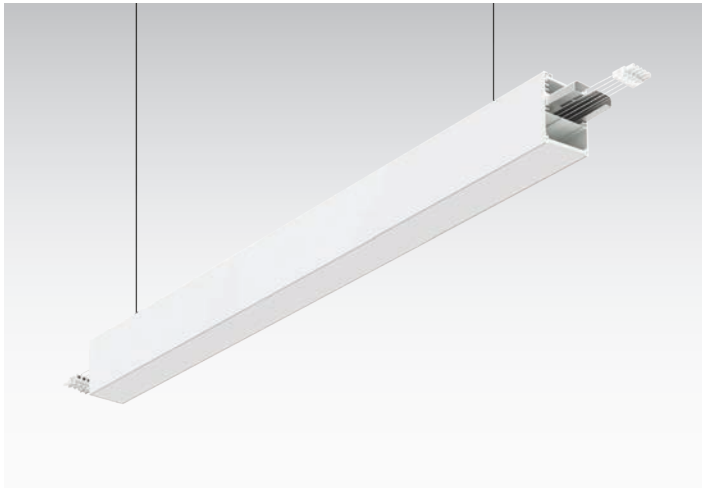
### Optic

Micro dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). Anti-glare smooth opal polycarbonate diffuser at the top.  
Light distribution: 65% direct and 35% indirect.

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
32	234	5531	3871	121	1x36W fluo	D1
40	234	6914	4839	121	1x58W fluo	D2
52	350	8084	5658	109	2x54W fluo	D1
64	350	10106	7074	111	2x58W fluo	D2

\*4000K CRI>80

## Mod. MCA



### Modulo cieco

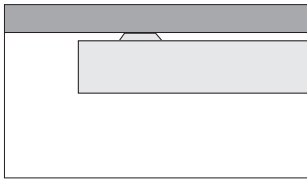
Modulo cieco per fila continua compreso di elettrificazione 5 poli. Ganci e cavi d'acciaio per la sospensione e giunto inclusi.

### Model

Continuous row blind module including 5 pole electrified duct. Steel hooks and cables for suspension and coupling included.

Cod.	dimension
2065MCA0012B5	D1
2065MCA0015B5	D2

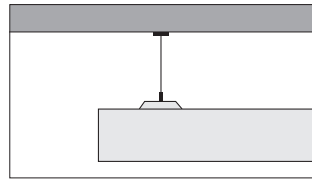
**Installazione a plafone**  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

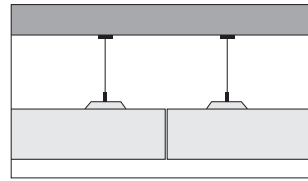
**Installazione a sospensione**  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio inclusi

Suspended installation. Installation with steel cables (included)

**Installazione in fila continua**  
Continuous row installation



Apparecchio adatto per installazione in fila continua.

Continuous row installation.

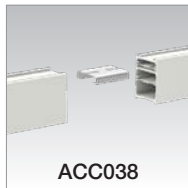
ACCESSORI / ACCESSORIES



ACC018



ACC035



ACC038



ACC039



ACC146



ACC147



ACC150

- ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures
- ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)
- ACC038** Giunto lineare  
Linear junction
- ACC039** Tappo di chiusura  
Closing cap
- ACC146** Kit rosone + cavo di alimentazione 2P+T (1,5m) + connettore di inizio linea  
Kit with power box + 2P+E power cable (1.5 m) + start row clamp
- ACC147** Kit rosone + cavo di alimentazione 4P+T (1,5m) + connettore di inizio linea  
Kit with power box + 4P+E power cable (1.5 m) + start row clamp
- ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option

# FORMA (microprismatic)

Apparecchio lineare a led a sospensione o plafone. Completo di 2 cavi in acciaio e cavo di alimentazione inclusi nella confezione per l'installazione a sospensione. Corpo in alluminio trafilato, verniciato con polveri epossipoliestere di colore bianco antigiattente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Linear surface mounted or suspended fitting. Suspension kit (steel cable + power supply cable) included. Extruded aluminum body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> 240 | ⊕ | -25°C | IP40 | IK07 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | ⚙️ | A++

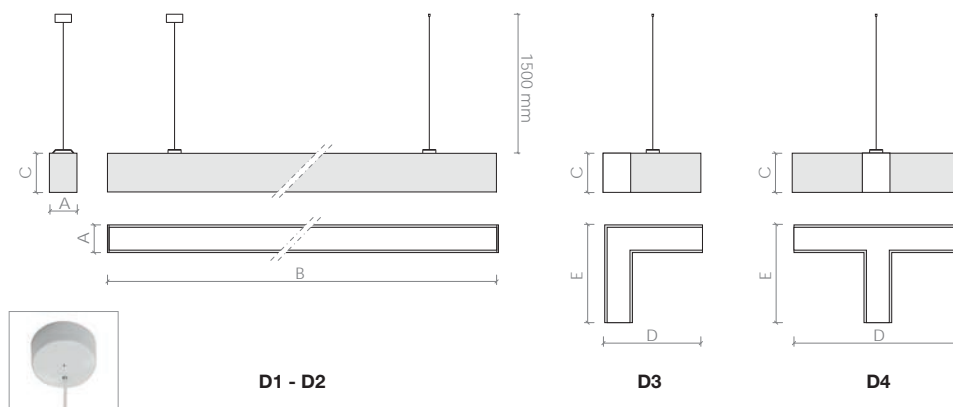
240 | +45°C | | | | | | | MacAdam | FREE | >60.000h | >100.000h |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2065		PM0	3	= 3000°K (CRI >80)	11	32	EL	= on/off
		PB0	4	= 4000°K (CRI >80)	16	35	LM	= 1-10v
		PMA	5	= 5000°K (CRI >80)	17	40	LD	= dali
		PBA	6	= 6500°K (CRI >80)	22	43	D1	= dali + em. 1h
		PLA	9	= 4000°K (CRI >90)	25	52	E1	= em. 1h
		PTA			27	64	E3	= em. 3h
							BT	= bluetooth Dali

## DIMENSIONI / DIMENSIONS

	A	B	C	D	E	Kg	mc	
<b>D1</b>	85	1130	120	-	-	4,5	0,014	60
<b>D2</b>	85	1410	120	-	-	5,5	0,018	60
<b>D3</b>	85	-	120	340	340	1,5	0,018	60
<b>D4</b>	85	-	120	340	340	1,5	0,018	60

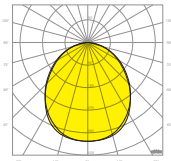


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## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

## Mod. PM0



90° UGR<19

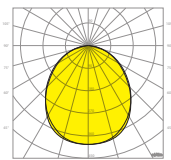
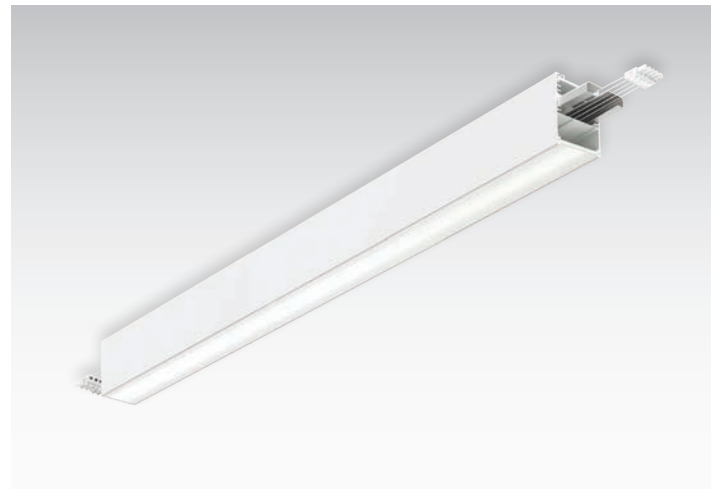
**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
22	234	3687	2591	118	1x36W fluo	D1
27	234	4609	3240	120	1x58W fluo	D2
35	350	5390	3789	108	2x36W fluo	D1
43	350	6737	4736	110	2x49W fluo	D2

\*4000K CRI>80

## Mod. PMA



90° UGR<19

**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser

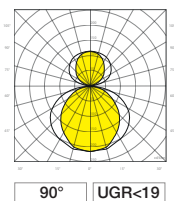
W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
22	234	3687	2591	118	1x36W fluo	D1
27	234	4609	3240	120	1x58W fluo	D2
35	350	5390	3789	108	2x36W fluo	D1
43	350	6737	4736	110	2x49W fluo	D2

\*4000K CRI>80

## Mod. PB0



## Mod. PBA



### Optica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso nella parte superiore ed inferiore.  
Distribuzione della luce: 65% diretta e 35% indiretta.

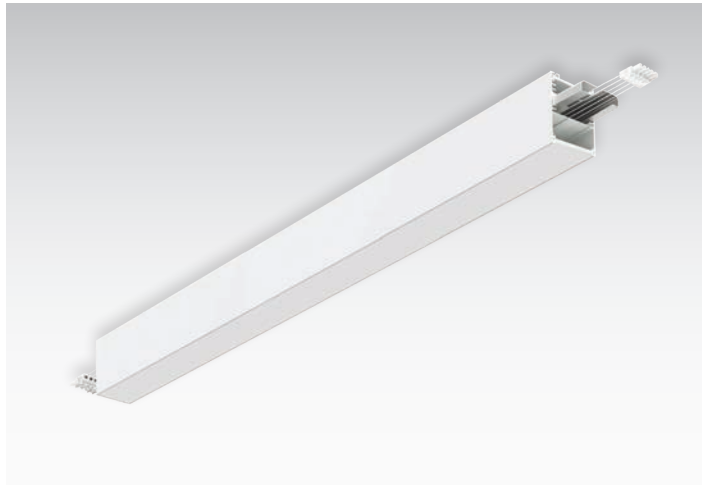
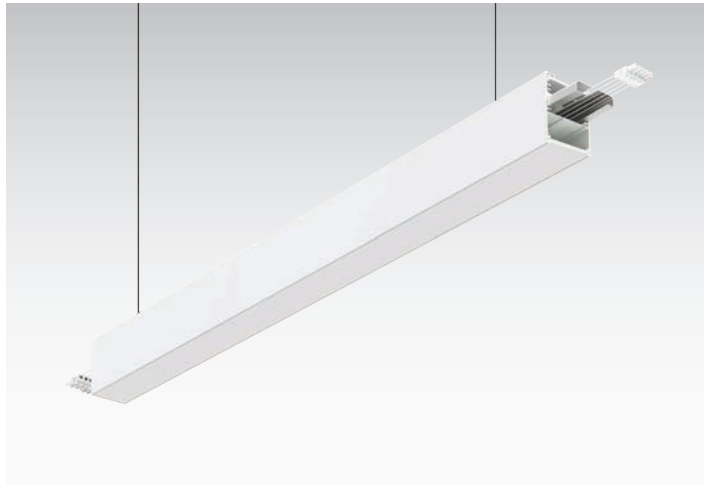
### Optic

Anti-glare microprismatic polycarbonate diffuser at the top and bottom part.  
Light distribution: 65% direct and 35% indirect.

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
32	234	5531	3888	122	1x36W fluo	D1
40	234	6914	4860	122	1x58W fluo	D2
52	350	8084	5683	109	2x54W fluo	D1
64	350	10106	7104	111	2x58W fluo	D2

\*4000K CRI>80

## Mod. MCA



### Modulo cieco

Modulo cieco per fila continua compreso di elettrificazione 5 poli. Ganci e cavi d'acciaio per la sospensione e giunto inclusi.

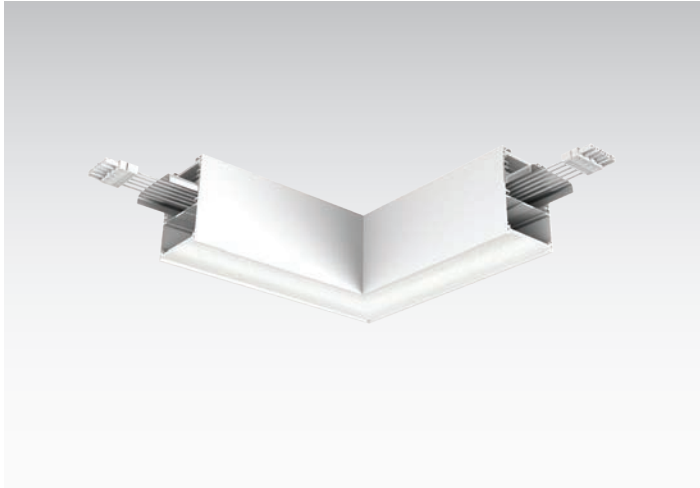
### Model

Continuous row blind module including 5 pole electrified duct. Steel hooks and cables for suspension and coupling included.

Cod.	dimension
2065MCA0012B5	D1
2065MCA0015B5	D2

## Mod. PLA

## Mod. PTA

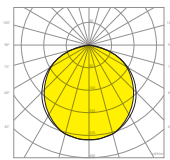


W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
11	234	1959	1377	125	D3
16	350	2757	1938	121	D3

W tot.	mA	Lm LED*	Lm OUTPUT	Lm/W	dimension
17	234	2938	2065	121	D4
25	350	4135	2906	116	D4

\*4000K CRI>80

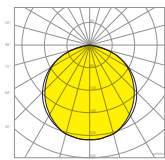
\*4000K CRI>80



**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser

90° UGR<19



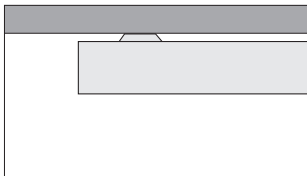
**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser

90° UGR<19

### INSTALLAZIONE / INSTALLATION

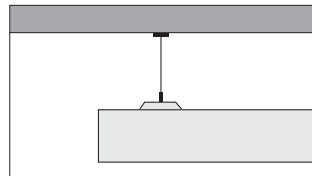
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

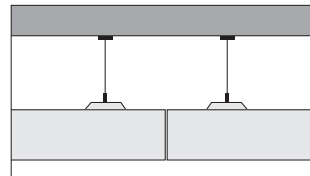
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio inclusi

Suspended installation. Installation with steel cables (included)

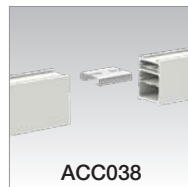
Installazione in fila continua  
Continuous row installation



Apparecchio adatto per installazione in fila continua.

Continuous row installation.

### ACCESSORI / ACCESSORIES



**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

**ACC038** Giunto lineare  
Linear junction

**ACC039** Tappo di chiusura  
Closing cap



**ACC146** Kit rosone + cavo di alimentazione 2P+T (1,5m) + connettore di inizio linea  
Kit with power box + 2P+E power cable (1.5 m) + start row clamp

**ACC147** Kit rosone + cavo di alimentazione 4P+T (1,5m) + connettore di inizio linea  
Kit with power box + 4P+E power cable (1.5 m) + start row clamp

**ACC150** Sensore di luminosità e movimento a plafone. Per apparecchi con opzione BT  
Surface mounting bluetooth motion and brightness sensor. For fixture with BT option







Protetti  
Protected



# DIANA IP55

Apparecchio installabile in incasso in pannelli aventi struttura portante a vista 15/24 mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiattente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Laying recessed fitting for countertop installation in false ceiling with visible structure 15/24mm or surface mounted. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



## CARATTERISTICHE / MAIN FEATURES

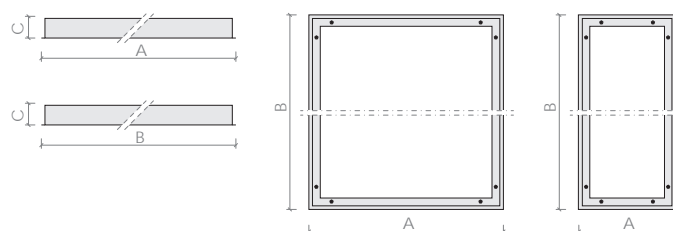
LED | CE |  $\frac{220}{240} V_{\approx}$  |  $\begin{matrix} -25^{\circ}C \\ +45^{\circ}C \end{matrix}$  | IP55 | IK07 | RG0 |  $\begin{matrix} CRI >80 \\ CRI >90 \end{matrix}$  | 3 step MacAdam |  $<3\%$  flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		Q55	3	= 3000°K (CRI >80)	17	EL	=	on/off
		R55	4	= 4000°K (CRI >80)	32	LM	=	1-10v
		QP5	5	= 5000°K (CRI >80)	38	LD	=	dali
		RP5	6	= 6500°K (CRI >80)	64	D1	=	dali + em. 1h
			9	= 4000°K (CRI >90)		E1	=	em. 1h
						E3	=	em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	70	7,5	0,030	50
<b>D2</b>	295	595	70	3,5	0,028	80
<b>D3</b>	295	1195	70	7,5	0,030	50
<b>D4</b>	595	1195	70	10,5	0,058	30



**D1 - D4**

**D2 - D3**



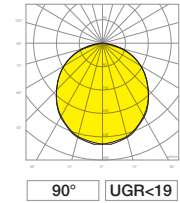
## Mod. Q55

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3882	121	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4453	117	4x18W fluo	D1



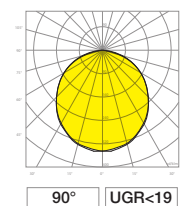
## Mod. R55

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1940	114	2x18W fluo	D2
32	4000K - CRI>80	120	5211	3882	121	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4453	117	2x36W fluo	D3
64	4000K - CRI>80	240	10422	7764	121	4x36W fluo	D4



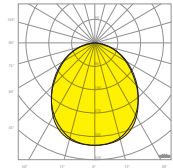
## Mod. QP5

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D1



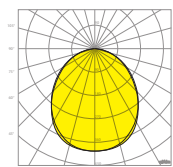
## Mod. RP5

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

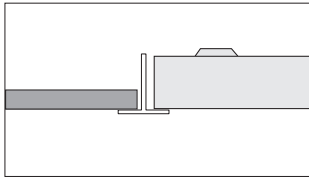
Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1831	108	2x18W fluo	D2
32	4000K - CRI>80	120	5211	3663	114	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4202	111	2x36W fluo	D3
64	4000K - CRI>80	240	10422	7326	114	4x36W fluo	D4

Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad  
incasso in appoggio per controsoffitti  
con struttura a vista 15/24mm

False ceiling with visible structure  
installation 15/24mm

ACCESSORI / ACCESSORIES

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ACC017



ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# DIANA HP IP55

Apparecchio installabile in incasso in pannelli aventi struttura portante a vista 15/24 mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antingiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Laying recessed fitting for countertop installation in false ceiling with visible structure 15/24mm or surface mounted. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

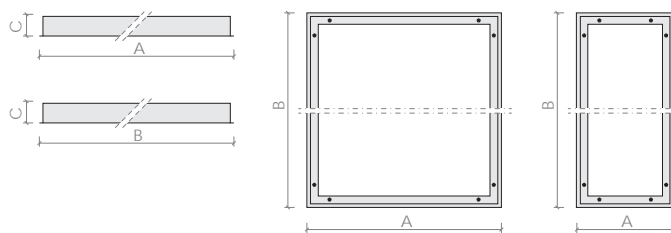
| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP55 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		QH5	3	= 3000°K (CRI >80)		48		EL = on/off
		RH5	4	= 4000°K (CRI >80)		72		LM = 1-10v
		QP5	5	= 5000°K (CRI >80)		92		LD = dali
		RP5	6	= 6500°K (CRI >80)		12	=120W	D1 = dali + em. 1h
			9	= 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	70	7,5	0,030	50
<b>D2</b>	295	1195	70	7,5	0,030	50



RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



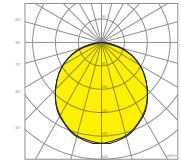
## Mod. QH5

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	6022	125	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	8268	115	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	11044	120	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	14371	120	4x55W FL-C	D1



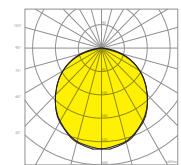
## Mod. RH5

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	6022	125	2x54W fluo	D2
72	4000K - CRI>80	6x32	11099	8268	115	2x80W fluo	D2
92	4000K - CRI>80	6x64	14825	11044	120	4x40W FL-C	D2
120	4000K - CRI>80	6x64	19290	14371	120	4x55W FL-C	D2



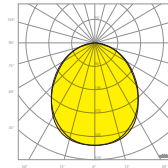
## Mod. QP5

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	5683	118	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	7802	108	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D1



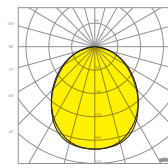
## Mod. RP5

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

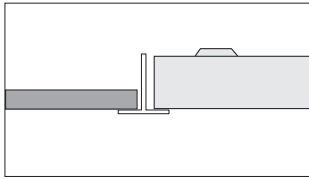
Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	5683	118	2x54W fluo	D2
72	4000K - CRI>80	6x32	11099	7802	108	2x80W fluo	D2
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D2
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D2

Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad  
incasso in appoggio per controsoffitti  
con struttura a vista 15/24mm

False ceiling with visible structure  
installation 15/24mm

ACCESSORI / ACCESSORIES

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ACC017



ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)



# DIANA 2 IP55

Apparecchio da incasso per controsoffitti in cartongesso, in doghe da 35 mm passo 50, 85 mm passo 100, 135 mm passo 150, 185 mm passo 200 con e senza scuretto; è possibile l'installazione anche in controsoffitti con pannelli aventi struttura portante nascosta. Montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in slats false ceiling or plasterboard ceiling 35 mm pitch 50, 85 mm pitch 100, 135 mm pitch 150, 185 mm pitch 200 or in false ceiling panels with hidden structure. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> |  $\pm 25^{\circ}\text{C}$  /  $+45^{\circ}\text{C}$  | IP55 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		QV5	QVP	3	= 3000°K (CRI >80)	17		EL = on/off
		RV5	RVP	4	= 4000°K (CRI >80)	32		LM = 1-10v
		QN5	QNP	5	= 5000°K (CRI >80)	38		LD = dali
		RN5	RNP	6	= 6500°K (CRI >80)	64		D1 = dali + em. 1h
				9	= 4000°K (CRI >90)			E1 = em. 1h
								E3 = em. 3h

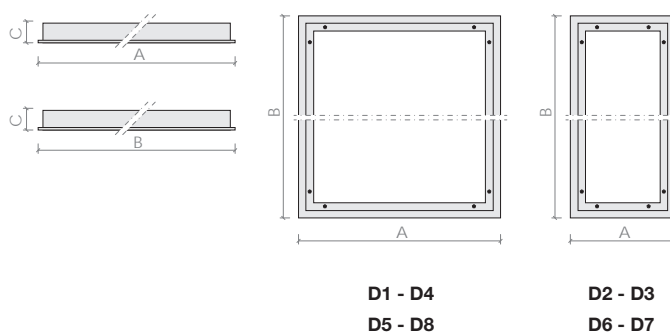
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	620	620	70	7,5	0,031	50	<b>D5</b>	598	598	70	7,5	0,031	50
<b>D2</b>	320	620	70	3,5	0,017	80	<b>D6</b>	298	598	70	3,5	0,017	80
<b>D3</b>	320	1220	70	7,5	0,034	50	<b>D7</b>	298	1198	70	7,5	0,034	50
<b>D4</b>	620	1220	70	10,5	0,065	30	<b>D8</b>	598	1198	70	10,5	0,065	30

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**





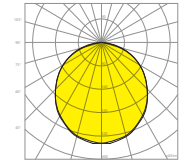
## Mod. QV5

### Ottica

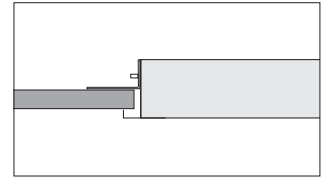
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3882	121	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4453	117	4x18W fluo	D1



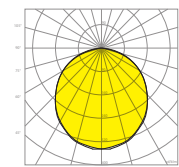
## Mod. RV5

### Ottica

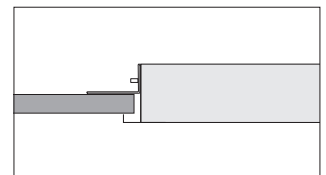
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1940	114	2x18W fluo	D2
32	4000K - CRI>80	120	5211	3882	121	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4453	117	2x36W fluo	D3
64	4000K - CRI>80	240	10422	7764	121	4x36W fluo	D4



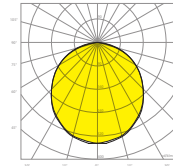
## Mod. QN5

### Optica

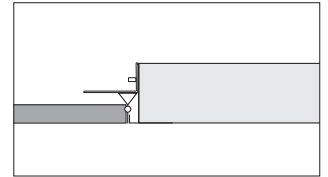
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

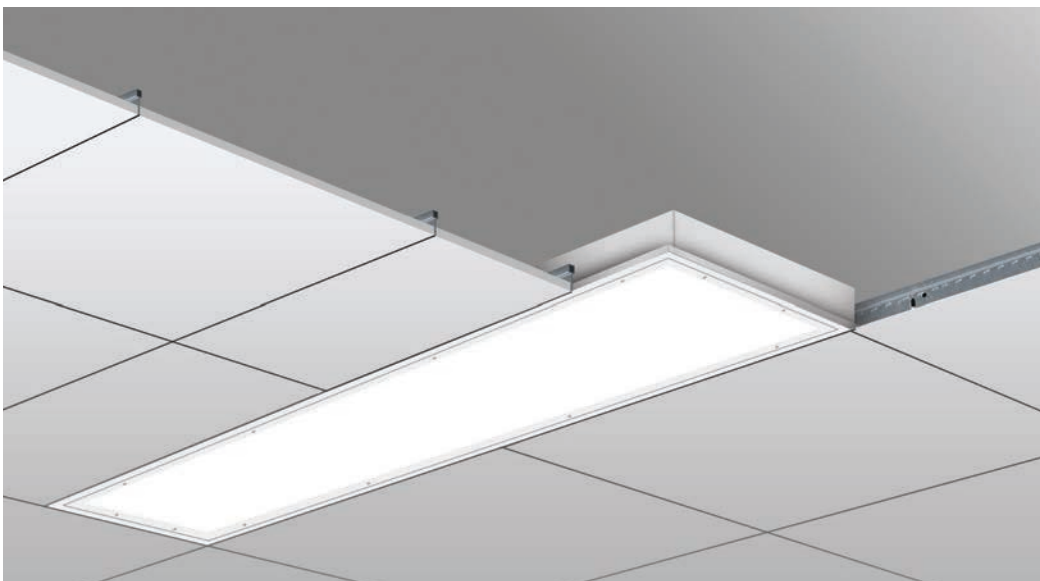
Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3882	121	4x18W fluo	D5
38	4000K - CRI>80	120	5978	4453	117	4x18W fluo	D5



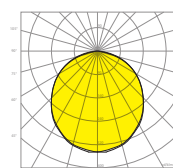
## Mod. RN5

### Optica

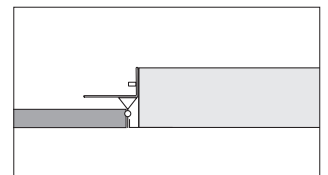
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1940	114	2x18W fluo	D6
32	4000K - CRI>80	120	5211	3882	121	2x36W fluo	D7
38	4000K - CRI>80	120	5978	4453	117	2x36W fluo	D7
64	4000K - CRI>80	240	10422	7764	121	4x36W fluo	D8



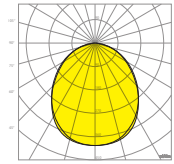
## Mod. QVP

### Ottica

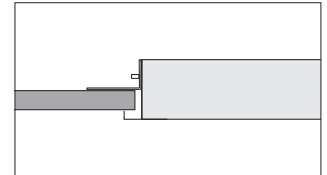
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D1



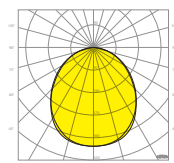
## Mod. RVP

### Ottica

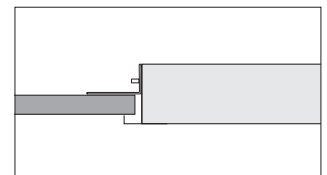
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1831	108	2x18W fluo	D2
32	4000K - CRI>80	120	5211	3663	114	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4202	111	2x36W fluo	D3
64	4000K - CRI>80	240	10422	7326	114	4x36W fluo	D4



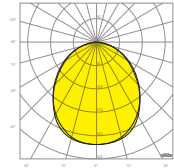
## Mod. QNP

### Optica

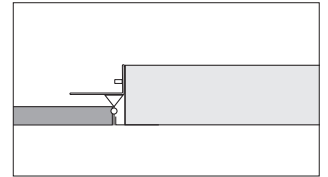
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D1



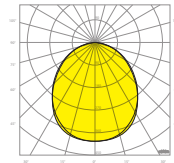
## Mod. RNP

### Optica

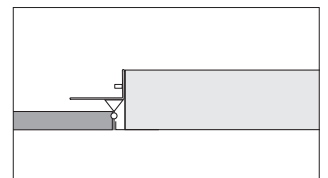
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



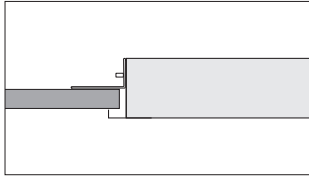
90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1831	108	2x18W fluo	D2
32	4000K - CRI>80	120	5211	3663	114	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4202	111	2x36W fluo	D3
64	4000K - CRI>80	240	10422	7326	114	4x36W fluo	D4

## INSTALLAZIONE / INSTALLATION

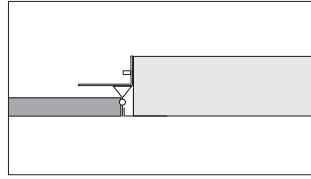
Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

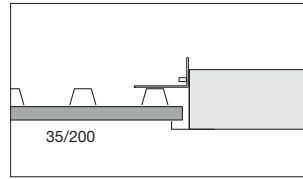
Installazione ad incasso per  
controsoffitti a struttura nascosta  
Installation on false ceiling  
with hidden structure



Apparecchio adatto per installazione ad incasso per controsoffitti a struttura nascosta. Installazione con staffe (incluse)

Installation on false ceiling with hidden structure. Brackets included

Installazione ad incasso per  
controsoffitti a doghe  
Installation on slats



Apparecchio adatto per installazione ad incasso per controsoffitti a doghe. Installazione con staffe (incluse)

Installation on a false ceiling with slats. Brackets included

## ACCESSORI / ACCESSORIES



ACC017



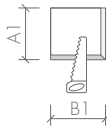
ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	585	585
<b>D2</b>	285	585
<b>D3</b>	285	1185
<b>D4</b>	585	1185



# DIANA 2 HP IP55

Apparecchio da incasso per controsoffitti in cartongesso, in doghe da 35 mm passo 50, 85 mm passo 100, 135 mm passo 150, 185 mm passo 200 con e senza scuretto; è possibile l'installazione anche in controsoffitti con pannelli aventi struttura portante nascosta. Montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in slats false ceiling or plasterboard ceiling 35 mm pitch 50, 85 mm pitch 100, 135 mm pitch 150, 185 mm pitch 200 or in false ceiling panels with hidden structure. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

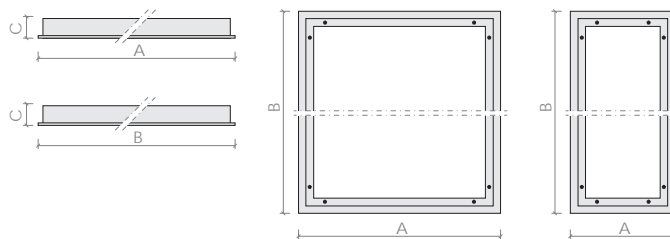
220 V<sub>≈</sub> 240 V | -25°C / +45°C | IP55 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		QV5	QVP	3	=	3000°K (CRI >80)	48	EL = on/off
		RV5	RVP	4	=	4000°K (CRI >80)	72	LM = 1-10v
		QN5	QNP	5	=	5000°K (CRI >80)	92	LD = dali
		RN5	RNP	6	=	6500°K (CRI >80)	12 =120W	D1 = dali + em. 1h
				9	=	4000°K (CRI >90)		E1 = em. 1h E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	620	620	70	7,5	0,031	50	<b>D3</b>	598	598	70	7,5	0,031	50
<b>D2</b>	320	1220	70	7,5	0,034	50	<b>D4</b>	298	1198	70	7,5	0,034	50



**D1 - D3**

**D2 - D4**

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



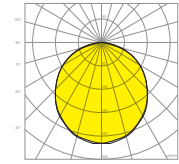
## Mod. QV5

### Ottica

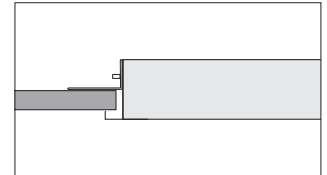
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	6022	125	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	8268	115	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	11044	120	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	14371	120	4x55W FL-C	D1



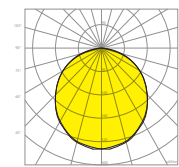
## Mod. RV5

### Ottica

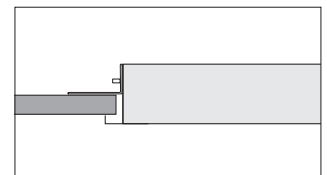
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	6022	125	2x54W fluo	D2
72	4000K - CRI>80	6x32	11099	8268	115	2x80W fluo	D2
92	4000K - CRI>80	6x64	14825	11044	120	4x40W FL-C	D2
120	4000K - CRI>80	6x64	19290	14371	120	4x55W FL-C	D2





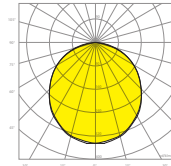
## Mod. QN5

### Optica

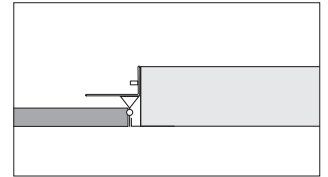
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

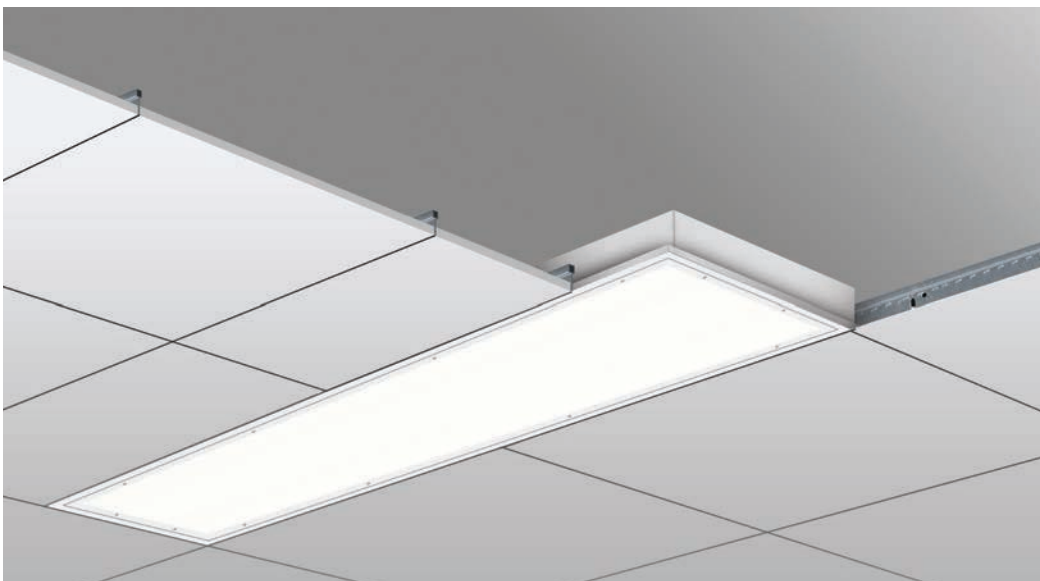
Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	6022	125	4x24W fluo	D3
72	4000K - CRI>80	6x32	11099	8268	115	4x40W FL-C	D3
92	4000K - CRI>80	6x64	14825	11044	120	4x40W FL-C	D3
120	4000K - CRI>80	6x64	19290	14371	120	4x55W FL-C	D3



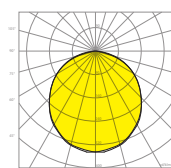
## Mod. RN5

### Optica

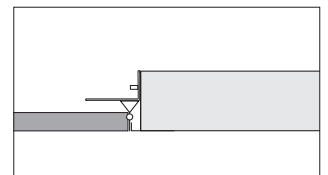
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	6022	125	2x54W fluo	D4
72	4000K - CRI>80	6x32	11099	8268	115	2x80W fluo	D4
92	4000K - CRI>80	6x64	14825	11044	120	4x40W FL-C	D4
120	4000K - CRI>80	6x64	19290	14371	120	4x55W FL-C	D4



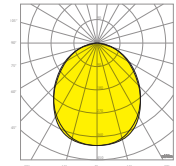
## Mod. QVP

### Ottica

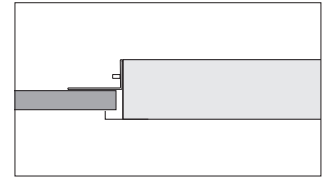
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	5683	118	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	7802	108	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D1



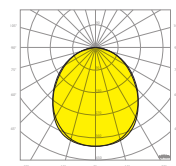
## Mod. RVP

### Ottica

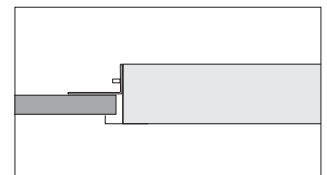
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	5683	118	2x54W fluo	D2
72	4000K - CRI>80	6x32	11099	7802	108	2x80W fluo	D2
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D2
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D2



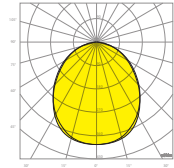
## Mod. QNP

### Optica

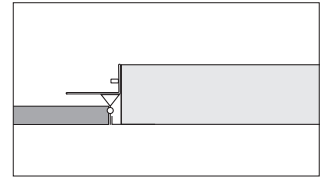
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

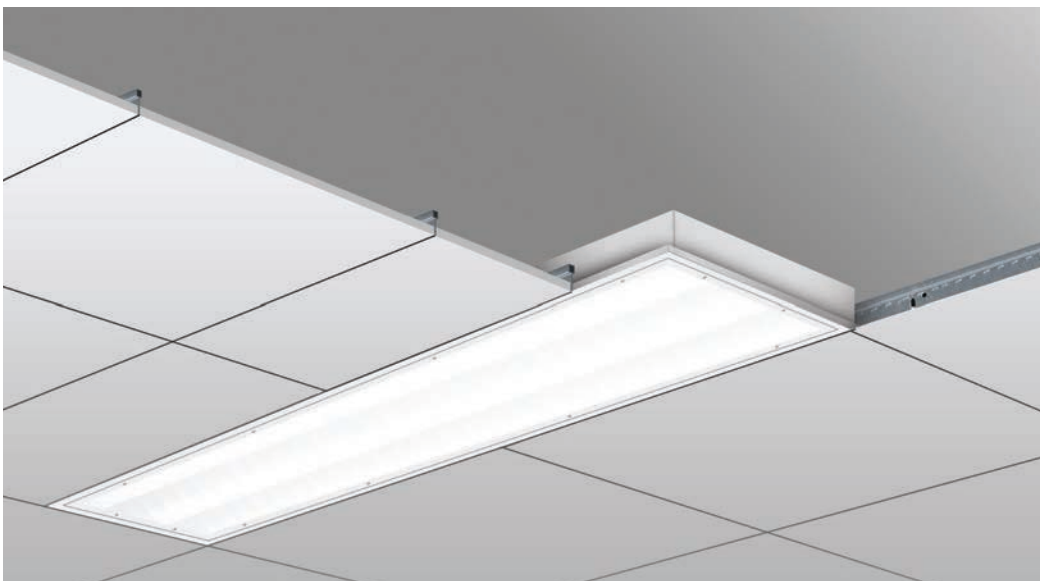
Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	5683	118	4x24W fluo	D3
72	4000K - CRI>80	6x32	11099	7802	108	4x40W FL-C	D3
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D3
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D3



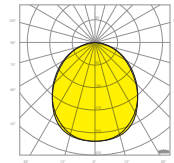
## Mod. RNP

### Optica

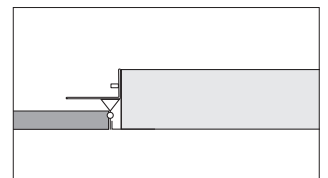
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare microprismatic polycarbonate diffuser inlaid in the steel frame



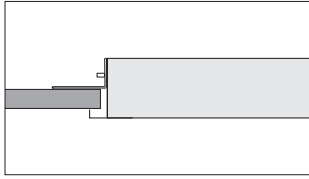
90° UGR<19



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	6x32	8084	5683	118	2x54W fluo	D4
72	4000K - CRI>80	6x32	11099	7802	108	2x80W fluo	D4
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D4
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D4

## INSTALLAZIONE / INSTALLATION

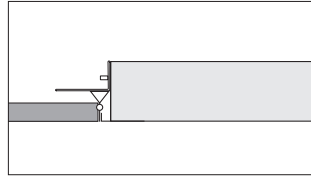
Installazione ad incasso per  
controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

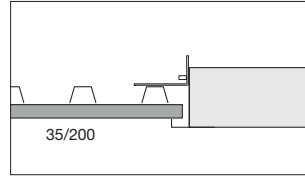
Installazione ad incasso per  
controsoffitti a struttura nascosta  
Installation on false ceiling  
with hidden structure



Apparecchio adatto per installazione ad incasso per controsoffitti a struttura nascosta. Installazione con staffe (incluse)

Suitable luminaire for installation on false ceiling with hidden structure. Installation with brackets (included)

Installazione ad incasso per  
controsoffitti a doghe  
Installation on slats



Apparecchio adatto per installazione ad incasso per controsoffitti a doghe. Installazione con staffe (incluse)

Installation on a false ceiling with slats. Brackets included

## ACCESSORI / ACCESSORIES

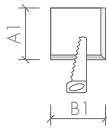


**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	585	585
<b>D2</b>	285	1185



# DIANA IP65

Apparecchio installabile in incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente con finitura gofrata fine, pretrattamento di fosfatazione e sgrassaggio. Driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Laying recessed fitting for countertop installation in false ceiling with visible structure 15/24mm or surface mounted. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

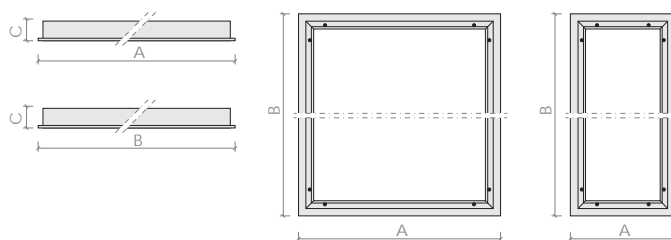
LED | CE | 220 V<sub>≈</sub> 240 | ⊕ | -25°C | IP65 | IK08 | RG0 | CRI >80 | ⚙️ 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | ⚡ | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		Q6P	3	= 3000°K (CRI >80)	32		EL	= on/off
		R6P	4	= 4000°K (CRI >80)	38		LM	= 1-10v
			5	= 5000°K (CRI >80)	48		LD	= dali
			6	= 6500°K (CRI >80)	72		D1	= dali + em. 1h
			9	= 4000°K (CRI >90)	92		E1	= em. 1h
					12	=120W	E3	= em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	70	7,5	0,031	50
<b>D2</b>	295	1195	70	7,5	0,031	50



RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



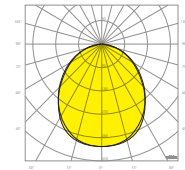
## Mod. Q6P / R6P

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

### Mod. Q6P

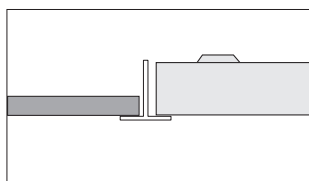
W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D1
48	4000K - CRI>80	6x32	8084	5683	118	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	7802	108	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D1

### Mod. R6P

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	2x36W fluo	D2
38	4000K - CRI>80	120	5978	4202	111	2x36W fluo	D2
48	4000K - CRI>80	3x64	8084	5683	118	2x36W fluo	D2
72	4000K - CRI>80	3x64	11099	7802	108	4x40W FL-C	D2
92	4000K - CRI>80	3x128	14825	10421	113	4x40W FL-C	D2
120	4000K - CRI>80	3x128	19290	13560	113	4x55W FL-C	D2

## INSTALLAZIONE / INSTALLATION

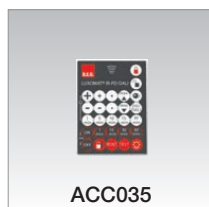
Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# DIANA 2 IP65

Apparecchio da incasso per controsoffitti in cartongesso, in doghe da 35 mm passo 50, 85 mm passo 100, 135 mm passo 150, 185 mm passo 200 con e senza scuretto; è possibile l'installazione anche in controsoffitti con pannelli aventi struttura portante nascosta. Montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in slats false ceiling or plasterboard ceiling 35 mm pitch 50, 85 mm pitch 100, 135 mm pitch 150, 185 mm pitch 200 or in false ceiling panels with hidden structure. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE |  $220 \frac{V}{240} \approx$  |  $-25^{\circ}\text{C}$  | IP65 | IK08 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		SV		3 = 3000°K (CRI >80)		032		EL = on/off
		SN		4 = 4000°K (CRI >80)		038		LM = 1-10v
		RV		5 = 5000°K (CRI >80)		048		LD = dali
		RN		6 = 6500°K (CRI >80)		072		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		092		E1 = em. 1h
						120		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	620	620	70	7,5	0,031	50
<b>D2</b>	598	598	70	7,5	0,026	50
<b>D3</b>	320	1220	70	7,5	0,031	50
<b>D4</b>	298	1198	70	7,5	0,026	50

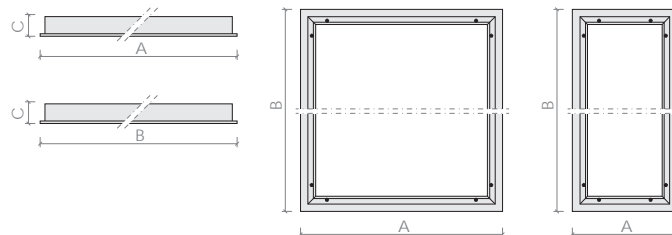
## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	585	585
<b>D3</b>	285	1185

RAL 9003

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>





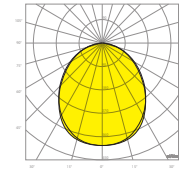
## Mod. SV / RV

### Optica

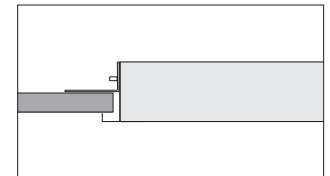
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

### Mod. SV

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D1
48	4000K - CRI>80	6x32	8084	5683	118	4x24W fluo	D1
72	4000K - CRI>80	6x32	11099	7802	108	4x40W FL-C	D1
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D1
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D1

### Mod. RV

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D3
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D3
48	4000K - CRI>80	3x64	8084	5683	118	4x24W fluo	D3
72	4000K - CRI>80	3x64	11099	7802	108	4x40W FL-C	D3
92	4000K - CRI>80	3x128	14825	10421	113	4x40W FL-C	D3
120	4000K - CRI>80	3x128	19290	13560	113	4x55W FL-C	D3





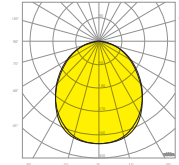
## Mod. SN / RN

### Ottica

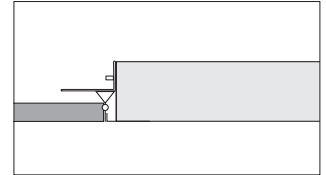
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19



Apparecchio adatto per installazione ad incasso per controsoffitti a struttura nascosta. Installazione con staffe (incluse)

Suitable luminaire for installation on false ceiling with hidden structure. Installation with brackets (included)

### Mod. SN

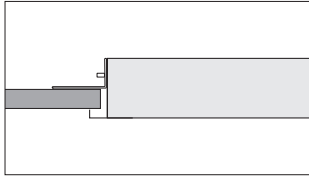
W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D2
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D2
48	4000K - CRI>80	6x32	8084	5683	118	4x24W fluo	D2
72	4000K - CRI>80	6x32	11099	7802	108	4x40W FL-C	D2
92	4000K - CRI>80	6x64	14825	10421	113	4x40W FL-C	D2
120	4000K - CRI>80	6x64	19290	13560	113	4x55W FL-C	D2

### Mod. RN

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D4
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D4
48	4000K - CRI>80	3x64	8084	5683	118	4x24W fluo	D4
72	4000K - CRI>80	3x64	11099	7802	108	4x40W FL-C	D4
92	4000K - CRI>80	3x128	14825	10421	113	4x40W FL-C	D4
120	4000K - CRI>80	3x128	19290	13560	113	4x55W FL-C	D4

## INSTALLAZIONE / INSTALLATION

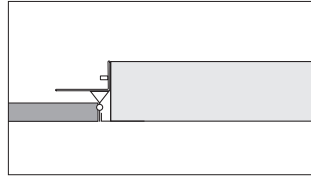
### Installazione ad incasso per controsoffitti in cartongesso Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

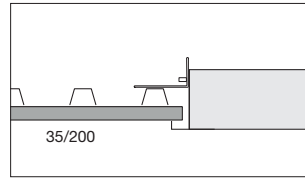
### Installazione ad incasso per controsoffitti a struttura nascosta Installation on false ceiling with hidden structure



Apparecchio adatto per installazione ad incasso per controsoffitti a struttura nascosta. Installazione con staffe (incluse)

Suitable luminaire for installation on false ceiling with hidden structure. Installation with brackets (included)

### Installazione ad incasso per controsoffitti a doghe Installation on slats



Apparecchio adatto per installazione ad incasso per controsoffitti a doghe. Installazione con staffe (incluse)

Installation on a false ceiling with slats. Brackets included

## ACCESSORI / ACCESSORIES



ACC017



ACC035

**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# DARK-LED IP65

Apparecchio da incasso per controsoffitti in cartongesso, in doghe da 35 mm passo 50, 85 mm passo 100, 135 mm passo 150, 185 mm passo 200 con e senza scuretto; è possibile l'installazione anche in controsoffitti con pannelli aventi struttura portante nascosta. Montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in slats false ceiling or plasterboard ceiling 35 mm pitch 50, 85 mm pitch 100, 135 mm pitch 150, 185 mm pitch 200 or in false ceiling panels with hidden structure. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

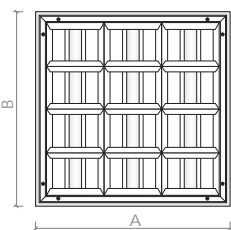
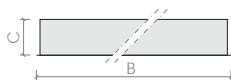
| | 220 V<sub>~</sub> |  $\pm 25^{\circ}\text{C}$  /  $+45^{\circ}\text{C}$  | IP65 | IK08 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

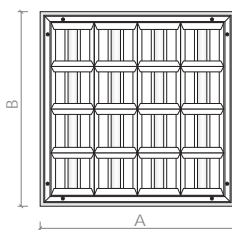
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1120		Q65		3 = 3000°K (CRI >80)		24		EL = on/off
				4 = 4000°K (CRI >80)		33		LM = 1-10v
				5 = 5000°K (CRI >80)		37		LD = dali
				6 = 6500°K (CRI >80)		48		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		64		E1 = em. 1h
						72		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	110	10,0	0,044	30
<b>D2</b>	595	595	110	10,0	0,044	30



**D1**



**D2**

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



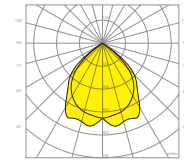
## Mod. Q65

### Optica

Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento. Vetro temperato trasparente intelaiato con cornice in alluminio compreso di guarnizione per la tenuta stagna

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA. Transparent tempered glass inlaid into the aluminium frame c/w gasket to guarantee the IP65 rate

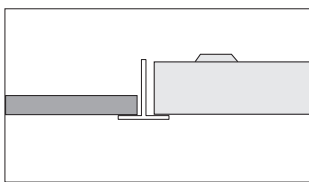


80° UGR<16

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	3x32	4042	2425	101	3x18W fluo	D1
33	4000K - CRI>80	4x32	5390	3234	98	4x18W fluo	D2
37	4000K - CRI>80	3x32	5326	3195	86	3x24W fluo	D1
48	4000K - CRI>80	4x32	7101	4260	89	4x24W fluo	D2
64	4000K - CRI>80	3x64	9956	5973	93	3x40W FL-C	D1
72	4000K - CRI>80	3x64	11099	6659	92	4x40W FL-C	D1

## INSTALLAZIONE / INSTALLATION

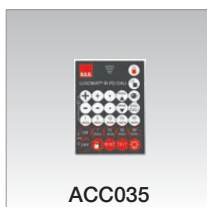
Installazione ad incasso in  
appoggio  
Recessed installation



Apparecchio adatto per installazione ad incasso in appoggio per controsoffitti con struttura a vista 15/24mm

False ceiling with visible structure installation 15/24mm

## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# DARK-LED 2 IP65

Apparecchio da incasso per controsoffitti in cartongesso, in doghe da 35 mm passo 50, 85 mm passo 100, 135 mm passo 150, 185 mm passo 200 con e senza scuretto; è possibile l'installazione anche in controsoffitti con pannelli aventi struttura portante nascosta. Montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Recessed fitting for installation in slats false ceiling or plasterboard ceiling 35 mm pitch 50, 85 mm pitch 100, 135 mm pitch 150, 185 mm pitch 200 or in false ceiling panels with hidden structure. Installation with brackets (included). Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> | -25°C | IP65 | IK08 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | 7 | A++  
 240 | +45°C | | | | | | MacAdam | FREE | >60.000h | >100.000h

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1120		SV		30 = 3000°K (CRI >80)		24		EL = on/off
		SN		40 = 4000°K (CRI >80)		33		LM = 1-10v
				50 = 5000°K (CRI >80)		37		LD = dali
				65 = 6500°K (CRI >80)		48		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		64		E1 = em. 1h
						72		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	620	620	110	10,0	0,048	30
<b>D2</b>	620	620	110	10,0	0,048	30
<b>D3</b>	598	598	110	10,0	0,044	30
<b>D4</b>	598	598	110	10,0	0,044	30

## FORO INCASSO / RECESSED HOLE

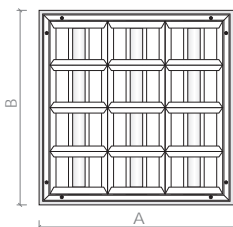
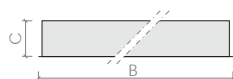
	A1	B1
<b>D1</b>	610	610
<b>D2</b>	610	610



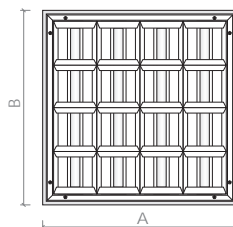
RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



**D1 - D3**



**D2 - D4**



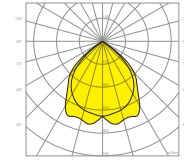
## Mod. SV

### Ottica

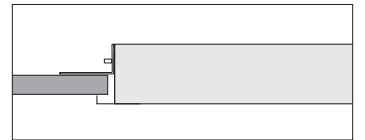
Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento. Vetro temperato trasparente intelaiato con cornice in alluminio compreso di guarnizione per la tenuta stagna

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA. Transparent tempered glass inlaid into the aluminium frame c/w gasket to guarantee the IP65 rate



80° UGR<16



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso. Installazione con staffe (incluse)

Installation on plasterboard false ceilings. Brackets included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	3x32	4042	2425	101	3x18W fluo	D1
33	4000K - CRI>80	4x32	5390	3234	98	4x18W fluo	D2
37	4000K - CRI>80	3x32	5326	3195	86	3x24W fluo	D1
48	4000K - CRI>80	4x32	7101	4260	89	4x24W fluo	D2
64	4000K - CRI>80	3x64	9956	5973	93	3x40W FL-C	D1
72	4000K - CRI>80	3x64	11099	6659	92	4x40W FL-C	D1



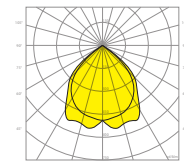
## Mod. SN

### Ottica

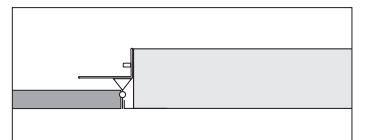
Ottica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento. Vetro temperato trasparente intelaiato con cornice in alluminio compreso di guarnizione per la tenuta stagna

### Optic

Dark light louver with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA. Transparent tempered glass inlaid into the aluminium frame c/w gasket to guarantee the IP65 rate



80° UGR<16

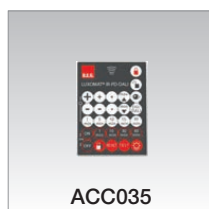


Apparecchio adatto per installazione ad incasso per controsoffitti a struttura nascosta. Installazione con staffe (incluse)

Suitable luminaire for installation on false ceiling with hidden structure. Installation with brackets (included)

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
24	4000K - CRI>80	3x32	4042	2425	101	3x18W fluo	D3
33	4000K - CRI>80	4x32	5390	3234	98	4x18W fluo	D4
37	4000K - CRI>80	3x32	5326	3195	86	3x24W fluo	D3
48	4000K - CRI>80	4x32	7101	4260	89	4x24W fluo	D4
64	4000K - CRI>80	3x64	9956	5973	93	3x40W FL-C	D3
72	4000K - CRI>80	3x64	11099	6659	92	4x40W FL-C	D3

## ACCESSORI / ACCESSORIES



**ACC017** Sensore per apparecchi ad incasso DALI  
Sensor for DALI recessed fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# QUEEN IP55

Apparecchio a plafone con installazione a soffitto o sospensione. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Ceiling mounted surface or suspended fixture. Steel body, painted with white epoxy-polyester anti-yellowing powder with fine embossed finish, with phosphate and degreasing pretreatment, electronic ballast 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

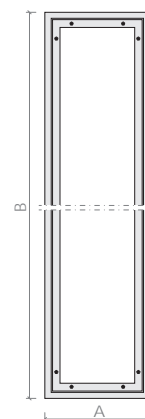
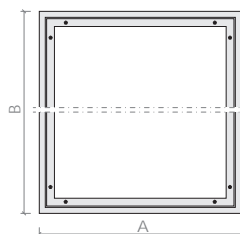
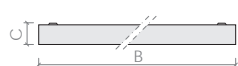
| | 220/240 V<sub>~</sub> |  $-25^{\circ}\text{C}$  /  $+45^{\circ}\text{C}$  | IP55 | IK07 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1811		Q55	3	= 3000°K (CRI >80)	17	EL	= on/off	
		R55	4	= 4000°K (CRI >80)	32	LM	= 1-10v	
		QP5	5	= 5000°K (CRI >80)	38	LD	= dali	
		RP5	6	= 6500°K (CRI >80)	60	D1	= dali + em. 1h	
			9	= 4000°K (CRI >90)	64	E1	= em. 1h	
						E3	= em. 3h	

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	620	620	75	7,5	0,035	40
<b>D2</b>	320	620	75	4,5	0,020	60
<b>D3</b>	350	1220	75	7,5	0,037	40
<b>D4</b>	620	1220	75	10,0	0,065	30
<b>D5</b>	350	1520	75	8,5	0,045	40



D1 - D2 - D4

D3 - D5

RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



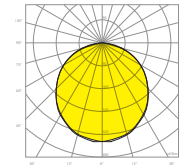
## Mod. Q55

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3882	121	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4453	117	4x18W fluo	D1



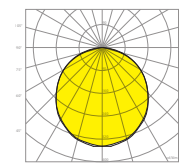
## Mod. R55

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1940	114	2x18W fluo	D2
32	4000K - CRI>80	120	5211	3882	121	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4453	117	2x36W fluo	D3
60	4000K - CRI>80	150	8955	6671	111	2x58W fluo	D5
64	4000K - CRI>80	240	10422	7764	121	4x36W fluo	D4

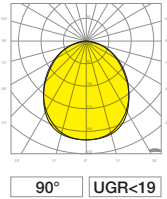




## Mod. QP5

**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser



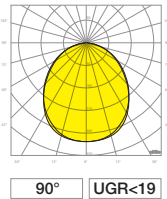
W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
32	4000K - CRI>80	120	5211	3663	114	4x18W fluo	D1
38	4000K - CRI>80	120	5978	4202	111	4x18W fluo	D1



## Mod. RP5

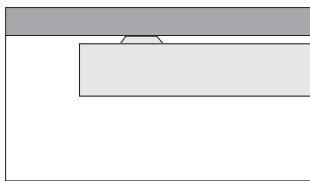
**Ottica**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic**  
Anti-glare microprismatic polycarbonate diffuser



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	60	2605	1831	108	2x18W fluo	D2
32	4000K - CRI>80	120	5211	3663	114	2x36W fluo	D3
38	4000K - CRI>80	120	5978	4202	111	2x36W fluo	D3
60	4000K - CRI>80	150	8955	6295	105	2x58W fluo	D5
64	4000K - CRI>80	240	10422	7326	114	4x36W fluo	D4

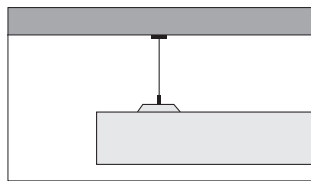
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

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ACCESSORI / ACCESSORIES



ACC006



ACC018



ACC035

**ACC006** Kit per installazione a sospensione  
Suspended installation kit

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# QUEEN HP IP55

Apparecchio a plafone con installazione a soffitto o sospensione. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco antiingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Ceiling mounted surface or suspended fixture. Steel body, painted with white epoxy-polyester anti-yellowing powder with fine embossed finish, with phosphate and degreasing pretreatment, electronic ballast 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

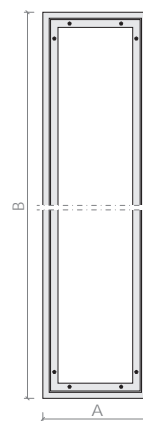
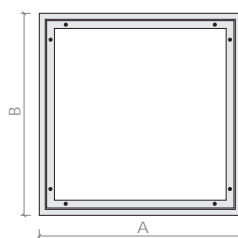
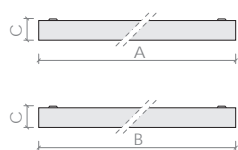
LED | CE | 220 V<sub>≈</sub> | -25°C | IP55 | IK07 | RG0 | CRI >80 | 3 step | <3% flicker | L90-B10 | L80-B50 | 7 | A++  
 240 | +45°C | MacAdam | FREE | >60.000h | >100.000h

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1811		QH5	3	= 3000°K (CRI >80)	48		EL	= on/off
		RH5	4	= 4000°K (CRI >80)	61		LM	= 1-10v
			5	= 5000°K (CRI >80)	72		LD	= dali
			6	= 6500°K (CRI >80)	75		D1	= dali + em. 1h
			9	= 4000°K (CRI >90)	92		E1	= em. 1h
					12	=120W	E3	= em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	620	620	75	7,5	0,035	40
<b>D2</b>	350	1220	75	7,5	0,037	40
<b>D3</b>	350	1520	75	8,5	0,045	40



D1

D2 - D3

 RAL 9003

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



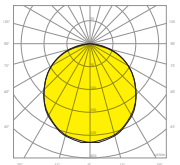
## Mod. QH5

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



90° UGR<19

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
48	6x32	8084	6022	125	4x24W fluo	D1
72	6x32	11099	8268	115	4x40W FL-C	D1
92	6x64	14825	11044	120	4x40W FL-C	D1
120	6x64	19290	14371	120	4x55W FL-C	D1

4000K - CRI>80



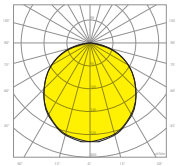
## Mod. RH5

### Ottica

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso inserito in telaio di lamiera d'acciaio

### Optic

Anti-glare smooth opal polycarbonate diffuser inlaid in the steel frame



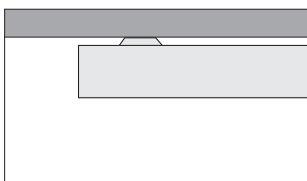
90° UGR<19

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
48	3x64	8084	6022	125	2x54W fluo	D2
61	3x80	10042	7481	123	2x80W fluo	D3
72	3x64	11099	8268	115	2x80W fluo	D2
75	3x80	11890	8858	118	2x80W fluo	D3
92	3x128	14825	11044	120	4x40W FL-C	D2
120	3x128	19290	14371	120	4x55W FL-C	D2

4000K - CRI>80

## INSTALLAZIONE / INSTALLATION

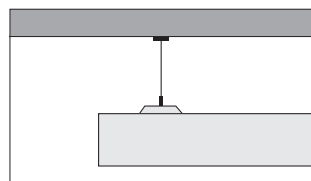
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

## ACCESSORI / ACCESSORIES



**ACC006** Kit per installazione a sospensione  
Suspended installation kit

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

# QUEEN IP65

Apparecchio a plafone con installazione a soffitto o sospensione. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, alimentatore elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Ceiling mounted surface or suspended fixture. Steel body, painted with white epoxy-polyester anti-yellowing powder with fine embossed finish, with phosphate and degreasing pretreatment, electronic ballast 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

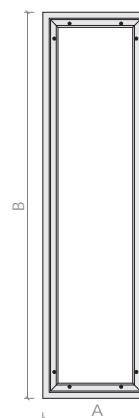
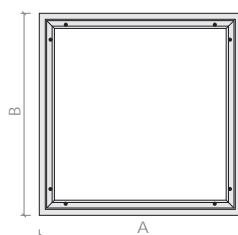
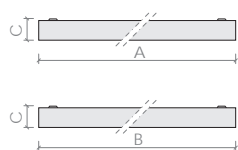
LED | CE |  $\frac{220}{240} V \approx$  |  $-25^{\circ}C$  | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1811		QVP	3	= 3000°K (CRI >80)		32		EL = on/off
		RVP	4	= 4000°K (CRI >80)		38		LM = 1-10v
			5	= 5000°K (CRI >80)		48		LD = dali
			6	= 6500°K (CRI >80)		72		D1 = dali + em. 1h
			9	= 4000°K (CRI >90)		92		E1 = em. 1h
						12	=120W	E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	650	650	75	10,5	0,042	40
<b>D2</b>	350	1250	75	10,5	0,042	40



**D1**

**D2**

RAL 9003

## Δ LUMEN

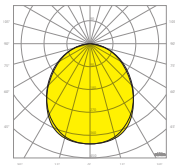
3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



## Mod. QVP

**Ottica** Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic** Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
32	120	5211	3663	114	4x18W fluo	D1
38	120	5978	4202	111	4x18W fluo	D1
48	6x32	8084	5683	118	4x24W fluo	D1
72	6x32	11099	7802	108	4x40W FL-C	D1
92	6x64	14825	10421	113	4x40W FL-C	D1
120	6x64	19290	13560	113	4x55W FL-C	D1

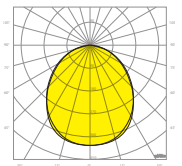
4000K - CRI>80



## Mod. RVP

**Ottica** Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Optic** Anti-glare microprismatic polycarbonate diffuser



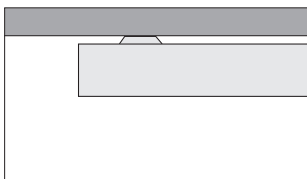
90° UGR<19

W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
32	120	5211	3663	114	4x18W fluo	D2
38	120	5978	4202	111	4x18W fluo	D2
48	6x32	8084	5683	118	4x24W fluo	D2
72	6x32	11099	7802	108	4x40W FL-C	D2
92	6x64	14825	10421	113	4x40W FL-C	D2
120	6x64	19290	13560	113	4x55W FL-C	D2

4000K - CRI>80

### INSTALLAZIONE / INSTALLATION

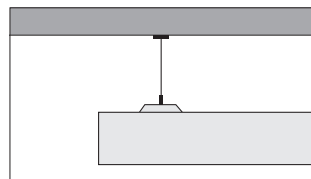
**Installazione a plafone**  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

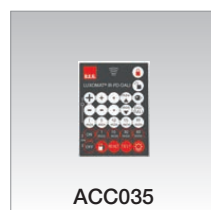
**Installazione a sospensione**  
Suspended installation



Apparecchio adatto per installazione a sospensione. Installazione con cavi d'acciaio (ACC006)

Suspended installation. Installation with steel cables (ACC006)

### ACCESSORI / ACCESSORIES



**ACC006** Kit per installazione a sospensione  
Suspended installation kit

**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)





# Residenziali

## Residential



# MINI INCAS

Apparecchio calpestabile da incasso a pavimento. Corpo interno in alluminio pressofuso, corpo esterno in policarbonato, vetro temperato trasparente spessore 8 mm, guarnizione in silicone, tensione di rete 220-240V, 50/60 Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Ground recessed walkable fixture. Die cast aluminium internal body, polycarbonate external body, 8 mm thickness tempered transparent glass, silicone gasket, main voltage 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



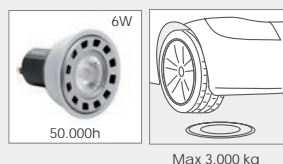
## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP67 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <10% LOW flicker | L70-B50 >60.000h |

## CODIFICA / CODING

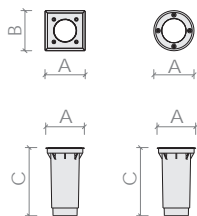
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7045		LDR		30 = 3000°K (CRI >80)		6		TD = on/off
		LDQ		40 = 4000°K (CRI >80)				

	A	B	C	Kg	mc	
<b>D1</b>	110	-	177	1,30	0,005	80
<b>D2</b>	100	100	177	1,30	0,005	80



## Δ LUMEN

3000°K (CRI >80) = **-2.00%**  
 4000°K (CRI >80) = **standard**

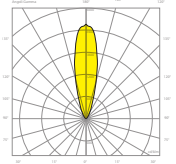


## Mod. LDR



Copertura cornice rotonda in acciaio inox

Stainless steel round cover frame



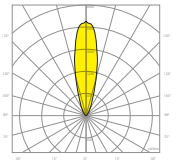
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
6	1	4000	730	547	91	1x35W GU10	D1

## Mod. LDQ



Copertura cornice quadrata in acciaio inox

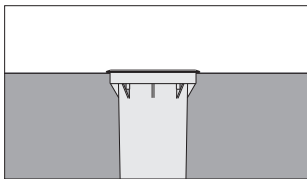
Stainless steel square cover frame



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
6	1	4000	730	547	91	1x35W GU10	D1

### INSTALLAZIONE / INSTALLATION

Incasso calpestabile  
Walkable recessed



Apparecchio adatto per installazione ad incasso a terra.

Recessed ground installation.



### ACCESSORI / ACCESSORIES



**ACC073** Cassaforma di ricambio  
Spare formwork

ACC073

# CUBETTO

Apparecchio a parete per esterni ed interni. Corpo in alluminio pressofuso anticorrosione verniciato con polveri epossidiche, tensione di rete 220-240V, 50/60 Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor wall fixture. Die cast aluminium body painted with epoxy polyester powder, main voltage 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP65 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <10% LOW flicker | L70-B50 >60.000h |

## CODIFICA / CODING

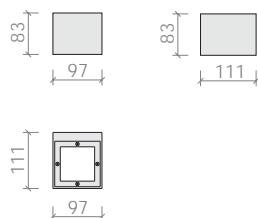
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7020		VS		03 = 3000°K (CRI >80)		09		TD = on/off
		VB		04 = 4000°K (CRI >80)		13		
		VN				18		

	A	B	C	Kg	mc	
D1	97	111	83	0,8	0,002	180

- RAL 9003
- RAL 9006
- RAL 9005

## Δ LUMEN

3000°K (CRI >80) = **-1.80%**  
 4000°K (CRI >80) = **standard**

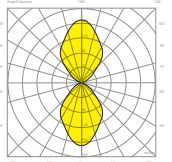


## Mod. VS



**Ottica** Vetro sabbato

**Optic** Sanded glass



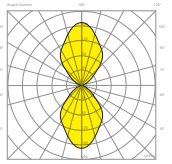
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
9	10+10	4000	1080	594	66	2x35W G12	D1
13	24	4000	1551	853	66	2x50W G12	D1
18	20+20	4000	2160	1188	66	2x75W G12	D1

## Mod. VB



**Ottica** Vetro sabbato

**Optic** Sanded glass



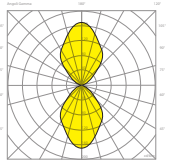
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
9	10+10	4000	1080	594	66	2x35W G12	D1
13	24	4000	1551	853	66	2x50W G12	D1
18	20+20	4000	2160	1188	66	2x75W G12	D1

## Mod. VN



**Ottica** Vetro sabbato

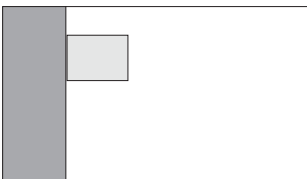
**Optic** Sanded glass



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
9	10+10	4000	1080	594	66	2x35W G12	D1
13	24	4000	1551	853	66	2x50W G12	D1
18	20+20	4000	2160	1188	66	2x75W G12	D1

### INSTALLAZIONE / INSTALLATION

Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation.

# BOOK

Apparecchio a parete per esterni ed interni. Corpo in alluminio pressofuso anticorrosione verniciato con polveri epossidiche, tensione di rete 220-240V, 50/60 Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor wall fixture. Die cast aluminium body painted with epoxy polyester powder, main voltage 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220/240 V<sub>≈</sub> | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <10% LOW flicker | L70-B50 >60.000h |

## CODIFICA / CODING

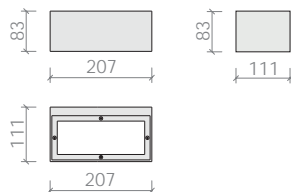
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7021		VS		03 = 3000°K (CRI >80)		13		TD = on/off
		VB		04 = 4000°K (CRI >80)		15		
		VN						

	A	B	C	Kg	mc	
<b>D1</b>	207	111	83	1,4	0,004	90

- RAL 9003
- RAL 9006
- RAL 9005

## Δ LUMEN

3000°K (CRI >80) = **-1.80%**  
 4000°K (CRI >80) = **standard**

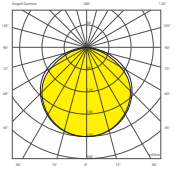


## Mod. VS



**Ottica** Vetro sabbaiato

**Optic** Sanded glass



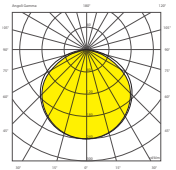
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
13	33	4000	1210	665	51	1x100W E27	D1
15	30	4000	1500	825	55	1x100W E27	D1

## Mod. VB



**Ottica** Vetro sabbaiato

**Optic** Sanded glass



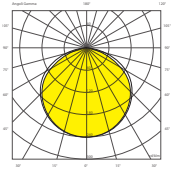
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
13	33	4000	1210	665	51	1x100W E27	D1
15	30	4000	1500	825	55	1x100W E27	D1

## Mod. VN



**Ottica** Vetro sabbaiato

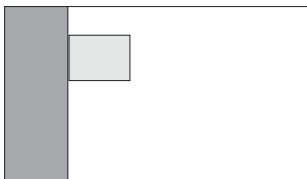
**Optic** Sanded glass



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
13	33	4000	1210	665	51	1x100W E27	D1
15	30	4000	1500	825	55	1x100W E27	D1

### INSTALLAZIONE / INSTALLATION

Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation.

# BALTIC

Apparecchio a plafone con installazione a soffitto o parete. Corpo in nylon rinforzato con fibre di vetro bianco o grigio, guarnizione siliconica, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Ceiling or wall mounted surface fixture. White or grey nylon fiber glass body, silicon gasket, electronic control gear 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP65 | IK10 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L70-B50 >60.000h |

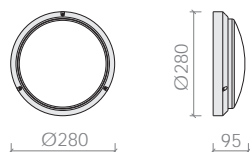
## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7010		BL		30 = 3000°K (CRI >80)		05		TD = on/off
		GL		40 = 4000°K (CRI >80)		13		E1 = em. 1h
						17		E3 = em. 3h
						25		SE = sensor

	A	B	C	Kg	mc	
<b>D1</b>	280	-	95	1,7	0,009	180

## Δ LUMEN

3000°K (CRI >80) = **-1.80%**  
 4000°K (CRI >80) = **standard**

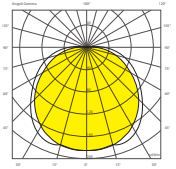


## Mod. BL



**Ottica** Riflettore in alluminio speculare, diffusore in policarbonato opale antiabbagliamento liscio

**Optic** Specular aluminium reflector, smooth-opal anti glare polycarbonate diffuser



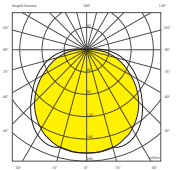
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
5	10	4000	540	383	77	1x9W fluo	D1
13	20	4000	1551	1101	85	1x16W 2D	D1
17	36	4000	1926	1367	80	1x26W G24	D1
25	44	4000	2500	1775	70	2x26W FL-C	D1

## Mod. GL



**Ottica** Riflettore in alluminio speculare, diffusore in policarbonato opale antiabbagliamento liscio

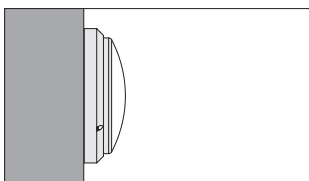
**Optic** Specular aluminium reflector, smooth-opal anti glare polycarbonate diffuser



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
5	10	4000	540	383	77	1x9W fluo	D1
13	20	4000	1551	1101	85	1x16W 2D	D1
17	36	4000	1926	1367	80	1x26W G24	D1
25	44	4000	2500	1775	70	2x26W FL-C	D1

### INSTALLAZIONE / INSTALLATION

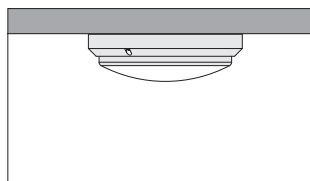
#### Installazione a parete Wall installation



Apparecchio adatto per installazione a parete

Wall installation

#### Installazione a soffitto Surface mounting installation



Apparecchio adatto per installazione a soffitto

Surface mounting installation



# BALTIC 2

Apparecchio a plafone con installazione a soffitto o parete. Corpo in nylon rinforzato con fibre di vetro bianco o grigio, guarnizione siliconica, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

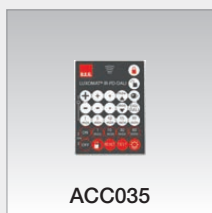
Ceiling or wall mounted surface fixture. White or grey nylon fiber glass body, silicon gasket, electronic control gear 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



**ACC018** Sensore per apparecchi a plafone DALI  
Sensor for DALI surface fixtures

**ACC035** Telecomando per sensori da ufficio (opzionale)  
Remote control for office sensors (optional)

## Δ LUMEN

3000°K (CRI >80) = **-4.54%**  
4000°K (CRI >80) = **standard**  
4000°K (CRI >90) = **-15.08%**

## CARATTERISTICHE / MAIN FEATURES

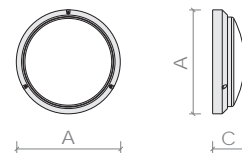
| | 220 V<sub>~</sub> | -25°C / +45°C | IP65 | IK10 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7011		B3		30 = 3000°K (CRI >80)		08		EL = on/off
		B4		40 = 4000°K (CRI >80)		14		LM = 1-10v
		G3		49 = 4000°K (CRI >90)		22		LD = dali
		G4						E1 = em. 1h E3 = em. 3h

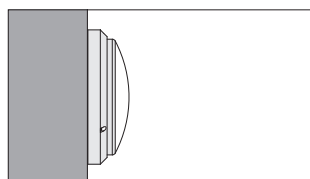
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	280	-	95	1,7	0,009	180
<b>D2</b>	375	-	110	1,9	0,017	150



## INSTALLAZIONE / INSTALLATION

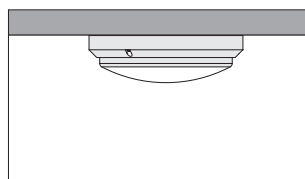
### Installazione a parete Wall installation



Apparecchio adatto per installazione a parete

Wall installation.

### Installazione a soffitto Surface mounting installation



Apparecchio adatto per installazione a soffitto

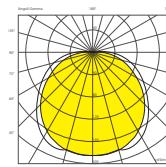
Surface mounting installation



## Mod. B3

**Ottica** Riflettore in alluminio speculare, diffusore in policarbonato opale antiabbagliamento liscio

**Optic** Specular aluminium reflector, smooth-opal anti glare polycarbonate diffuser



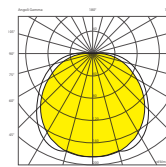
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
8	54	4000	1250	887	111	1x16W 2D	D1
14	54	4000	2130	1512	108	1x26W G24	D1
22	54	4000	3080	2186	99	2x18W FL-C	D1



## Mod. G3

**Ottica** Riflettore in alluminio speculare, diffusore in policarbonato opale antiabbagliamento liscio

**Optic** Specular aluminium reflector, smooth-opal anti glare polycarbonate diffuser



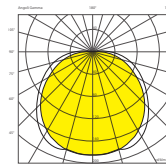
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
8	54	4000	1250	887	111	1x16W 2D	D1
14	54	4000	2130	1512	108	1x26W G24	D1
22	54	4000	3080	2186	99	2x18W FL-C	D1



## Mod. B4

**Ottica** Riflettore in alluminio speculare, diffusore in policarbonato opale antiabbagliamento liscio

**Optic** Specular aluminium reflector, smooth-opal anti glare polycarbonate diffuser



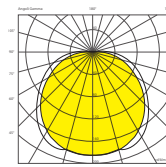
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
8	54	4000	1250	887	111	1x16W 2D	D2
14	54	4000	2130	1512	108	1x26W G24	D2
22	54	4000	3080	2186	99	2x18W FL-C	D2



## Mod. G4

**Ottica** Riflettore in alluminio speculare, diffusore in policarbonato opale antiabbagliamento liscio

**Optic** Specular aluminium reflector, smooth-opal anti glare polycarbonate diffuser



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
8	54	4000	1250	887	111	1x16W 2D	D2
14	54	4000	2130	1512	108	1x26W G24	D2
22	54	4000	3080	2186	99	2x18W FL-C	D2





# Proiettori Floodlights

# MICRO

Proiettore per esterni ed interni. Corpo in alluminio pressofuso anticorrosione, verniciato con polveri epossidiche, colore argento, antracite o bianco, tensione di rete 220-240V, 50/60 Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1: 2015.

Outdoor and indoor floodlight. Die cast aluminium body, painted with epoxy polyester powders, silver, anthracite or white color, main voltage 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <10% LOW flicker | L80-B20 >50.000h |

### CODIFICA - colore bianco / CODING - white color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7024		PR		30 = 3000°K (CRI >80)		15		BL = RAL 9010
		CR		40 = 4000°K (CRI >80)		20		B4 = Input 240Vac
		AR		50 = 5000°K (CRI >80)				

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7024		PR		30 = 3000°K (CRI >80)		15		GL = RAL 9006
		CR		40 = 4000°K (CRI >80)		20		G4 = Input 240Vac
		AR		50 = 5000°K (CRI >80)				

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7024		PR		30 = 3000°K (CRI >80)		15		EL = RAL 7015
		CR		40 = 4000°K (CRI >80)		20		E4 = Input 240Vac
		AR		50 = 5000°K (CRI >80)				

### Dotazione

Cavo in neoprene H05RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm.

### Equipment

800mm long H05RN-F 3x1mm<sup>2</sup> neoprene cable included.



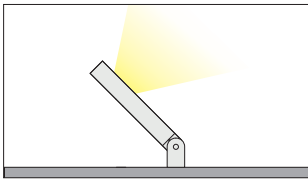
### Δ LUMEN

3000°K (CRI >80) = **-0.80%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.50%**



## INSTALLAZIONE / INSTALLATION

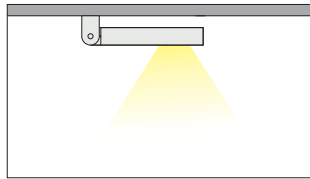
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra. (ACC011)

Ground installation. (ACC011)

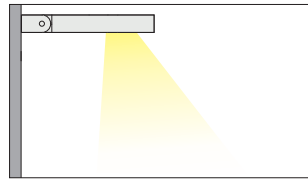
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a soffitto.

Surface mounting installation.

Installazione a parete  
Wall installation

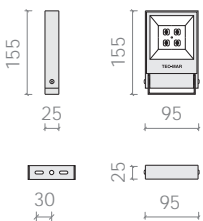


Apparecchio adatto per installazione a parete.

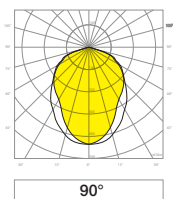
Wall installation.

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc
D1	95	25	155	0,5	0,001 300



## Mod. PR

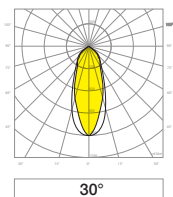


**Ottica**  
Lente diffondente in PMMA 90°

**Optic**  
90° simmetrical wide beam PMMA lenses

W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
15	4	4000	2250	1777	119	150W ALO	D1
20	4	4000	3060	2417	121	200W ALO	D1

## Mod. CR

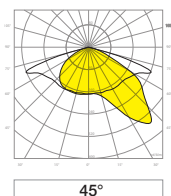


**Ottica**  
Lente concentrante in PMMA 30°

**Optic**  
30° narrow beam PMMA lenses

W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
15	4	4000	2250	1732	116	150W ALO	D1
20	4	4000	3060	2356	118	200W ALO	D1

## Mod. AR



**Ottica**  
Lente asimmetrica in PMMA 45°

**Optic**  
45° asymmetrical PMMA lenses

W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
15	4	4000	2250	1687	113	150W ALO	D1
20	4	4000	3060	2295	115	200W ALO	D1

## ACCESSORI / ACCESSORIES



- ACC074** Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraccio 50cm.  
Outreach wall bracket, white color. Outreach length: 50cm.
- ACC075** Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraccio 100cm.  
Outreach wall bracket, white color. Outreach length: 100cm.
- ACC076** Sbraccio per fissaggio a muro colore silver. Lunghezza sbraccio 50cm.  
Outreach wall bracket, silver color. Outreach length: 50cm.
- ACC077** Sbraccio per fissaggio a muro colore silver. Lunghezza sbraccio 100cm.  
Outreach wall bracket, silver color. Outreach length: 100cm.
- ACC078** Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraccio 50cm.  
Outreach wall bracket, anthracite color. Outreach length: 50cm.
- ACC079** Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraccio 100cm.  
Outreach wall bracket, anthracite color. Outreach length: 100cm.
- ACC011** Picchetto per installazione diretta a terra.  
Ground installation picket





# MICRO 2

Proiettore per esterni ed interni. Corpo in alluminio pressofuso anticorrosione, verniciato con polveri epossidiche, colore argento, antracite o bianco, tensione di rete 220-240V, 50/60 Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1: 2015.

Outdoor and indoor floodlight. Die cast aluminium body, painted with epoxy polyester powders, silver, anthracite or white color, main voltage 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2015.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <10% LOW flicker | L80-B20 >50.000h |

### CODIFICA - colore bianco / CODING - white color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7025		PR	30 = 3000°K (CRI >80)	30	BL = RAL 9010
		AR	40 = 4000°K (CRI >80)		B4 = Input 240Vac
			50 = 5000°K (CRI >80)		



### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7025		PR	30 = 3000°K (CRI >80)	30	GL = RAL 9006
		AR	40 = 4000°K (CRI >80)		G4 = Input 240Vac
			50 = 5000°K (CRI >80)		



### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7025		PR	30 = 3000°K (CRI >80)	30	EL = RAL 7015
		AR	40 = 4000°K (CRI >80)		E4 = Input 240Vac
			50 = 5000°K (CRI >80)		



### Dotazione

Cavo in neoprene H05RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm.

### Equipment

800mm long H05RN-F 3x1mm<sup>2</sup> neoprene cable included.



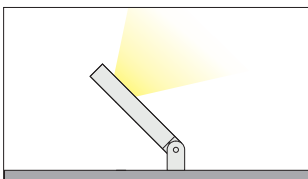
### Δ LUMEN

3000°K (CRI >80) = **-0.80%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.50%**



## INSTALLAZIONE / INSTALLATION

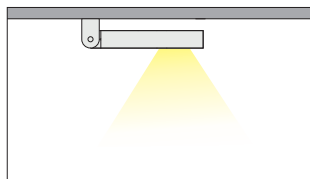
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra. (ACC011)

Ground installation. (ACC011)

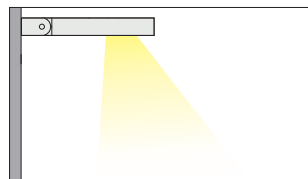
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

Installazione a parete  
Wall installation

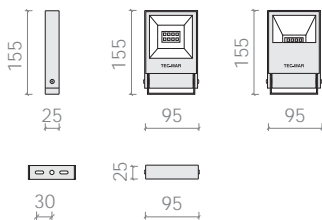


Apparecchio adatto per installazione a parete.

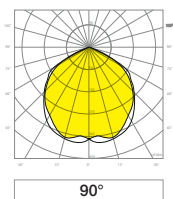
Wall installation.

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc
D1	95	25	155	0,5	0,001 300



## Mod. PR

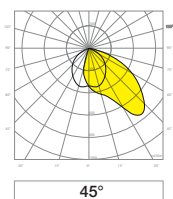


**Ottica**  
Riflettore simmetrico 90° in alluminio satinato

**Optic**  
90° wide beam matt satin aluminium reflector

W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
30	8	4000	4500	3330	111	300W ALO	D1

## Mod. AR



**Ottica**  
Riflettore asimmetrico 45° in alluminio satinato

**Optic**  
45° asymmetric beam matt satin aluminium reflector

W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
30	8	4000	4500	3150	105	300W ALO	D1



- ACC074** Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraccio 50cm.  
Outreach wall bracket, white color. Outreach length: 50cm.
- ACC075** Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraccio 100cm.  
Outreach wall bracket, white color. Outreach length: 100cm.
- ACC076** Sbraccio per fissaggio a muro colore silver. Lunghezza sbraccio 50cm.  
Outreach wall bracket, silver color. Outreach length: 50cm.
- ACC077** Sbraccio per fissaggio a muro colore silver. Lunghezza sbraccio 100cm.  
Outreach wall bracket, silver color. Outreach length: 100cm.
- ACC078** Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraccio 50cm.  
Outreach wall bracket, anthracite color. Outreach length: 50cm.
- ACC079** Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraccio 100cm.  
Outreach wall bracket, anthracite color. Outreach length: 100cm.
- ACC011** Picchetto per installazione diretta a terra.  
Ground installation picket



# POLAR 1

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## Δ LUMEN

2200°K (CRI >80) =	<b>-19.85%</b>
3000°K (CRI >80) =	<b>-5.28%</b>
3000°K (CRI >90) =	<b>-18.15%</b>
4000°K (CRI >80) =	<b>standard</b>
4000°K (CRI >90) =	<b>-14.33%</b>
5000°K (CRI >80) =	<b>+0.90%</b>
6500°K (CRI >80) =	<b>+0.00%</b>

## CARATTERISTICHE / MAIN FEATURES

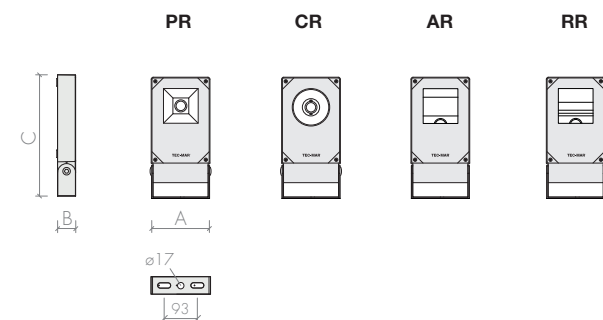
LED | CE | 220 V<sub>~</sub> | -25°C | IP66 | IK08 | RGO | CRI >80 | 3 step | <7% | L80-B20 | L80-B50 | A++  
240 | +45°C | IP66 | IK08 | RGO | CRI >90 | MacAdam | flicker | >50.000h | >75.000h

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
7026		PR	22 = 2200°K (CRI >80)	30	GL = on/off	
		CR	30 = 3000°K (CRI >80)	40	GM = 1-10v	
		AR	40 = 4000°K (CRI >80)	50	GD = dali	
		RR	50 = 5000°K (CRI >80)	68	GV = vetro infrangibile / shatterproof glass	
			65 = 6500°K (CRI >80)		GA = vetro acidato / acid-etched glass	
			93 = 3000°K (CRI >90)			
			94 = 4000°K (CRI >90)			

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	155	45	325	2,4	0,003	70	0,051 m <sup>2</sup>



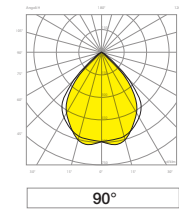
## Mod. PR

### Ottica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	1	4518	3624	121	70W JM	D1
40	4000K - CRI>80	1	6763	5424	136	70W JM/SAP	D1
50	4000K - CRI>80	1	8459	6784	136	100W JM	D1
68	4000K - CRI>80	1	9895	8017	118	150W JM	D1

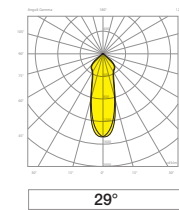
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	1	4518	3479	116	70W JM	D1
40	4000K - CRI>80	1	6763	5207	130	70W JM/SAP	D1
50	4000K - CRI>80	1	8459	6512	130	100W JM	D1
68	4000K - CRI>80	1	9895	7696	113	150W JM	D1

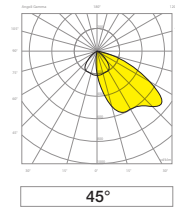
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	1	4518	3415	114	70W JM	D1
40	4000K - CRI>80	1	6763	5111	128	70W JM/SAP	D1
50	4000K - CRI>80	1	8459	6392	128	100W JM	D1
68	4000K - CRI>80	1	9895	7555	111	150W JM	D1

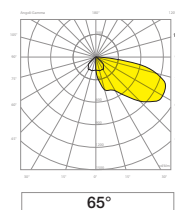
## Mod. RR

### Ottica

Riflettore asimmetrico 65° in alluminio satinato

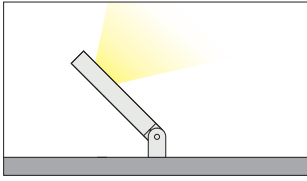
### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	1	4518	3244	108	70W JM	D1
40	4000K - CRI>80	1	6763	4855	121	70W JM/SAP	D1
50	4000K - CRI>80	1	8459	6073	121	100W JM	D1
68	4000K - CRI>80	1	9895	7177	106	150W JM	D1

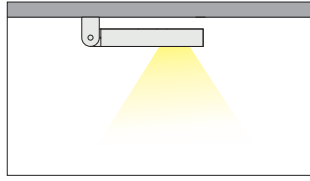
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

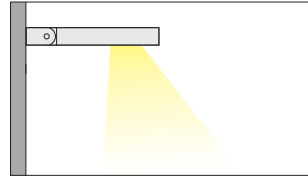
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

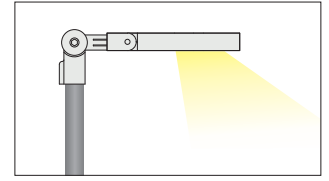
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

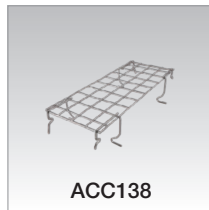
Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC097)

Top pole installation Ø60mm (ACC097)

ACCESSORI / ACCESSORIES



- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC097** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.
- ACC138** Griglia di protezione 160 x 230 mm  
160 x 230 mm protection grid
- ACC158** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog





# POLAR 2

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## Δ LUMEN

2200°K (CRI >80) = **-19.85%**  
3000°K (CRI >80) = **-5.28%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.90%**  
6500°K (CRI >80) = **+0.00%**



## CARATTERISTICHE / MAIN FEATURES

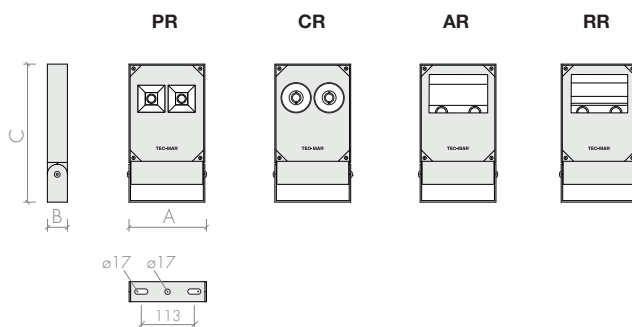
LED | CE | 220 V<sub>~</sub> | -25°C | IP66 | IK08 | RGO | CRI >80 | 3 step | <7% | L80-B20 | L80-B50 | A++  
240 | +45°C | | | | | CRI >90 | MacAdam | flicker | >50.000h | >75.000h

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7027		PR	2 = 2200°K (CRI >80)	080	GL = on/off
		CR	3 = 3000°K (CRI >80)	100	GM = 1-10v
		AR	4 = 4000°K (CRI >80)	120	GD = dali
		RR	5 = 5000°K (CRI >80)		GV = vetro infrangibile / shatterproof glass
			6 = 6500°K (CRI >80)		GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	205	50	365	3,5	0,005	60	0,075 m <sup>2</sup>



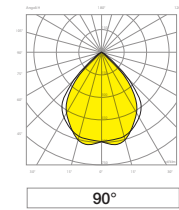
## Mod. PR

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	10848	136	150W JM/SAP	D1
100	4000K - CRI>80	2	14163	11360	114	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	14985	125	250W JM	D1

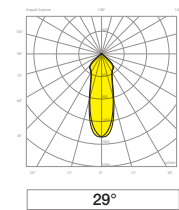
## Mod. CR

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	10414	130	150W JM/SAP	D1
100	4000K - CRI>80	2	14163	10905	109	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	14385	120	250W JM	D1



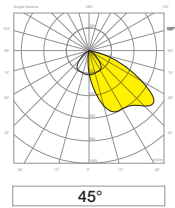
## Mod. AR

**Ottica**

Riflettore asimmetrico 45° in alluminio satinato

**Optic**

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	10222	128	150W JM/SAP	D1
100	4000K - CRI>80	2	14163	10704	107	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	14120	118	250W JM	D1



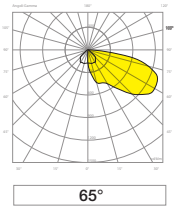
## Mod. RR

**Ottica**

Riflettore asimmetrico 65° in alluminio satinato

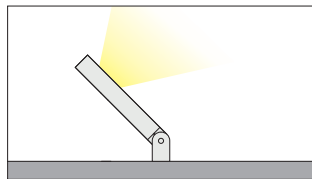
**Optic**

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	9711	121	150W JM/SAP	D1
100	4000K - CRI>80	2	14163	10169	102	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	13414	112	250W JM	D1

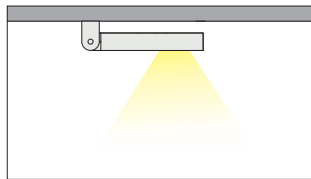
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

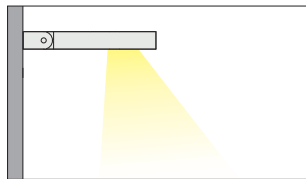
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

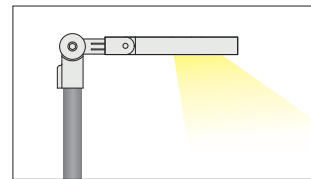
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

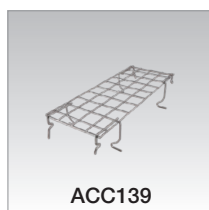
Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC098)

Top pole installation Ø60mm (ACC098)

ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC098** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC139** Griglia di protezione 210 x 260 mm  
210 x 260 mm protection grid

**ACC159** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog



# POLAR 3

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## Δ LUMEN

2200°K (CRI >80) =	<b>-19.85%</b>
3000°K (CRI >80) =	<b>-5.28%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.90%</b>
5700°K (CRI >80) =	<b>-4.60%</b>
5700°K (CRI >90) =	<b>-13.13%</b>
6500°K (CRI >80) =	<b>+0.00%</b>
4000°K (CRI >70) =	<b>+5.85%</b>

## CARATTERISTICHE / MAIN FEATURES

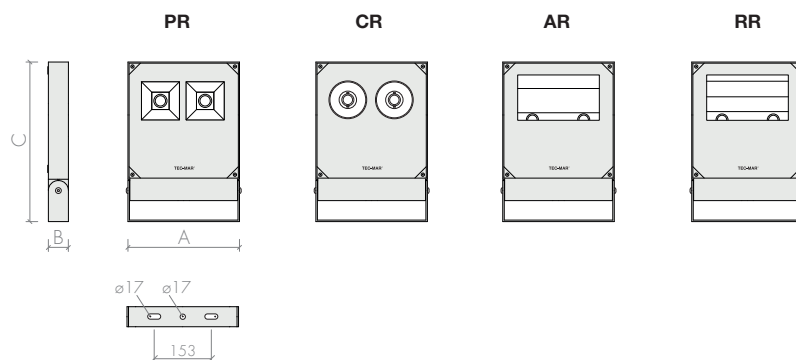
LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RGO | CRI >80 / CRI >90 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | |

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7028		PR	2 = 2200°K (CRI >80)	130	GL = on/off
		CR	3 = 3000°K (CRI >80)	150	GM = 1-10v
		AR	4 = 4000°K (CRI >80)	190	GD = dali
		RR	5 = 5000°K (CRI >80)		GV = vetro infrangibile / shatterproof glass
			6 = 6500°K (CRI >80)		GA = vetro acidato / acid-etched glass
			7 = 5700°K (CRI >80)		
			8 = 5700°K (CRI >90)		
			S = 4000°K (CRI >70)		

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	295	55	425	5,5	0,008	60	0,126 m <sup>2</sup>



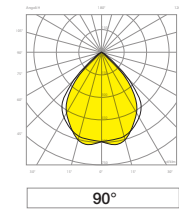
## Mod. PR

### Ottica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
130	4000K - CRI>80	2	21403	17168	132	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	20091	134	250W JM/SAP	D1
190	4000K - CRI>80	2	29481	23646	124	400W JM/SAP	D1

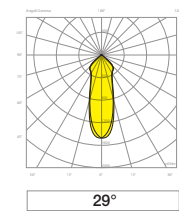
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
130	4000K - CRI>80	2	21403	16480	127	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	19286	129	250W JM/SAP	D1
190	4000K - CRI>80	2	29481	22699	119	400W JM/SAP	D1



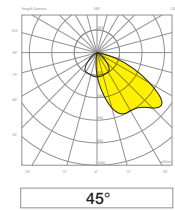
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
130	4000K - CRI>80	2	21403	16177	124	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	18931	126	250W JM/SAP	D1
190	4000K - CRI>80	2	29481	22282	117	400W JM/SAP	D1



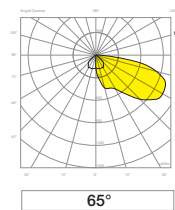
## Mod. RR

### Ottica

Riflettore asimmetrico 65° in alluminio satinato

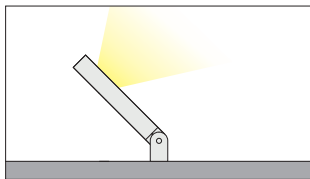
### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
130	4000K - CRI>80	2	21403	15368	118	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	17985	120	250W JM/SAP	D1
190	4000K - CRI>80	2	29481	21168	111	400W JM/SAP	D1

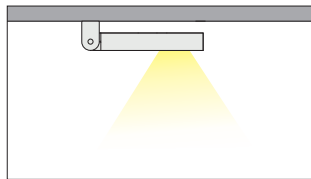
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

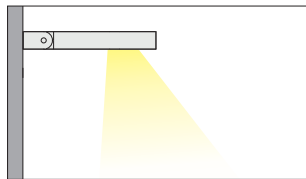
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

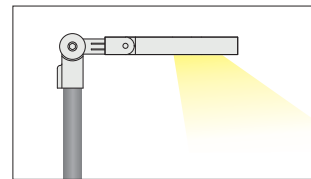
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC099)

Top pole installation Ø60mm (ACC099)

ACCESSORI / ACCESSORIES



ACC068



ACC070



ACC069



ACC071



ACC099



ACC140



ACC160

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC099** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC140** Griglia di protezione 300 x 310 mm  
300 x 310 mm protection grid

**ACC160** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog





# POLAR HP

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

### Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

### Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



### Δ LUMEN

2200°K (CRI >80) =	<b>-19.85%</b>
3000°K (CRI >80) =	<b>-5.28%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.90%</b>
5700°K (CRI >80) =	<b>-4.60%</b>
5700°K (CRI >90) =	<b>-13.13%</b>
6500°K (CRI >80) =	<b>+0.00%</b>
4000°K (CRI >70) =	<b>+5.85%</b>

## CARATTERISTICHE / MAIN FEATURES

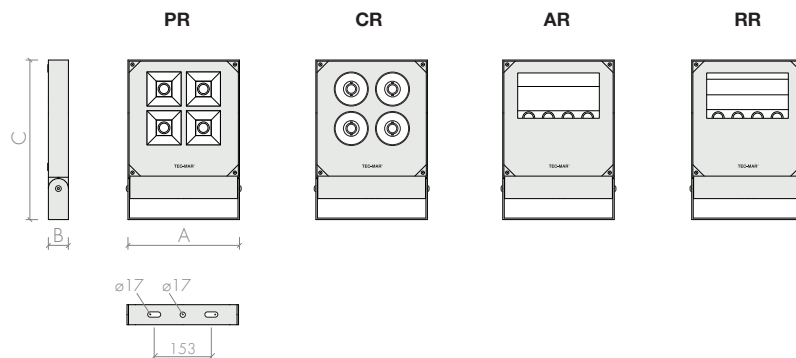
LED | CE | 220-240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RGO | CRI >80 / CRI >90 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | |

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
7030		PR	2 = 2200°K (CRI >80)	080	GL	= on/off
		CR	3 = 3000°K (CRI >80)	100	GM	= 1-10v
		AR	4 = 4000°K (CRI >80)	120	GD	= dali
		RR	5 = 5000°K (CRI >80)	130	GV	= vetro infrangibile / shatterproof glass
			6 = 6500°K (CRI >80)	150	GA	= vetro acidato / acid-etched glass
			7 = 5700°K (CRI >80)	175	G2	= classe II
			8 = 5700°K (CRI >90)	190		
			S = 4000°K (CRI >70)			

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	295	55	425	5,6	0,008	60	0,126 m <sup>2</sup>



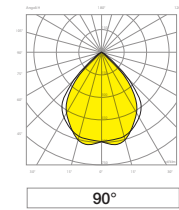
## Mod. PR

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	16235	13157	164	150W JM/SAP	D1
100	4000K - CRI>80	4	19361	15690	157	150W JM/SAP	D1
120	4000K - CRI>80	4	23498	18848	157	250W JM/SAP	D1
130	4000K - CRI>80	4	24630	19755	152	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	22784	152	250W JM/SAP	D1
175	4000K - CRI>80	4	31898	25585	146	400W JM/SAP	D1
190	4000K - CRI>80	4	33955	27224	143	400W JM/SAP	D1

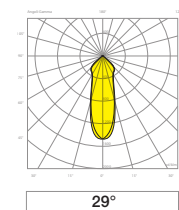
## Mod. CR

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	16235	12630	158	150W JM/SAP	D1
100	4000K - CRI>80	4	19361	15061	151	150W JM/SAP	D1
120	4000K - CRI>80	4	23498	18093	151	150W JM/SAP	D1
130	4000K - CRI>80	4	24630	18964	146	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	21871	146	250W JM/SAP	D1
175	4000K - CRI>80	4	31898	24560	140	400W JM/SAP	D1
190	4000K - CRI>80	4	33955	26134	138	400W JM/SAP	D1

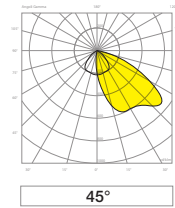
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	16235	12398	155	150W JM/SAP	D1
100	4000K - CRI>80	4	19361	14784	148	150W JM/SAP	D1
120	4000K - CRI>80	4	23498	17760	148	150W JM/SAP	D1
130	4000K - CRI>80	4	24630	18615	143	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	21469	143	250W JM/SAP	D1
175	4000K - CRI>80	4	31898	24108	138	400W JM/SAP	D1
190	4000K - CRI>80	4	33955	25653	135	400W JM/SAP	D1

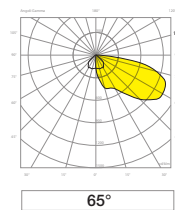
## Mod. RR

### Ottica

Riflettore asimmetrico 65° in alluminio satinato

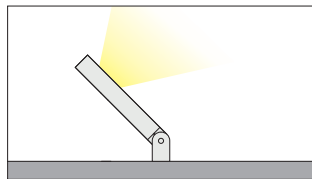
### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	16235	11778	147	150W JM/SAP	D1
100	4000K - CRI>80	4	19361	14045	140	150W JM/SAP	D1
120	4000K - CRI>80	4	23498	16872	141	150W JM/SAP	D1
130	4000K - CRI>80	4	24630	17684	136	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	20395	136	250W JM/SAP	D1
175	4000K - CRI>80	4	31898	22903	131	400W JM/SAP	D1
190	4000K - CRI>80	4	33955	24370	128	400W JM/SAP	D1

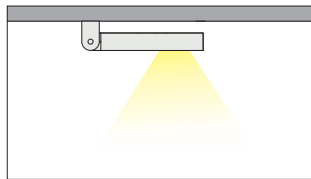
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

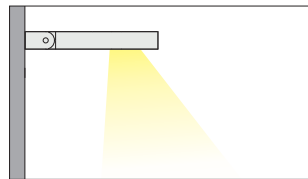
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

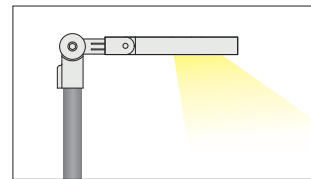
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC099)

Top pole installation Ø60mm (ACC099)

ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

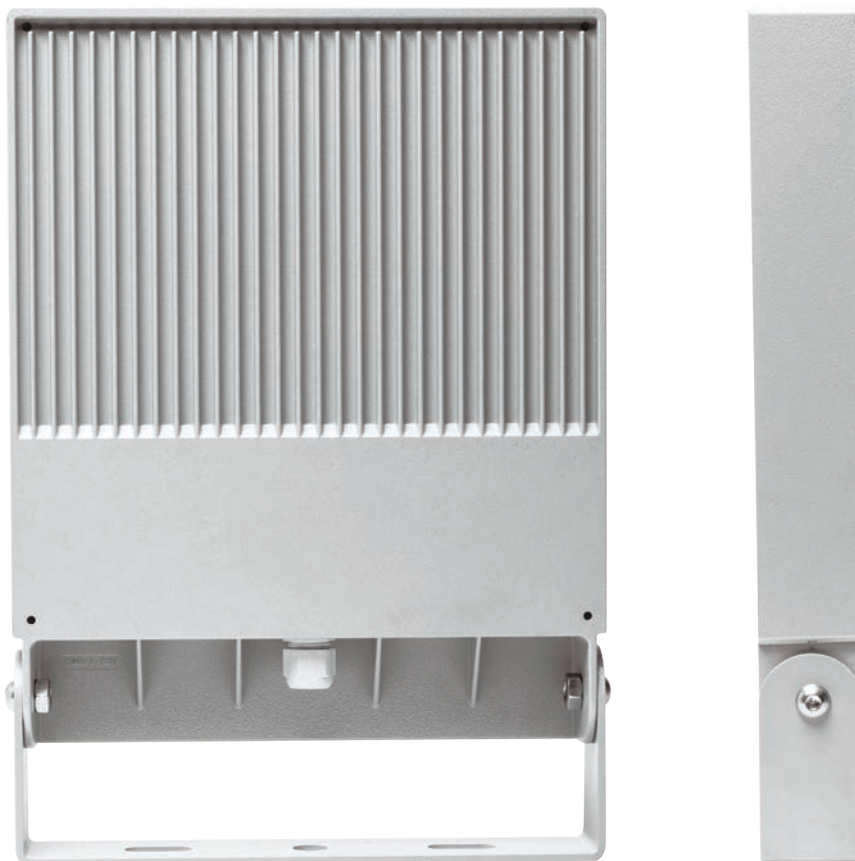
**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC099** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC140** Griglia di protezione 310 x 300 mm  
310 x 300 mm protection grid

**ACC160** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog



# POLAR 4

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablatto, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## Δ LUMEN

2200°K (CRI >80) =	<b>-19.85%</b>
3000°K (CRI >80) =	<b>-5.28%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.90%</b>
5700°K (CRI >80) =	<b>-4.60%</b>
5700°K (CRI >90) =	<b>-13.13%</b>
6500°K (CRI >80) =	<b>+0.00%</b>

## CARATTERISTICHE / MAIN FEATURES

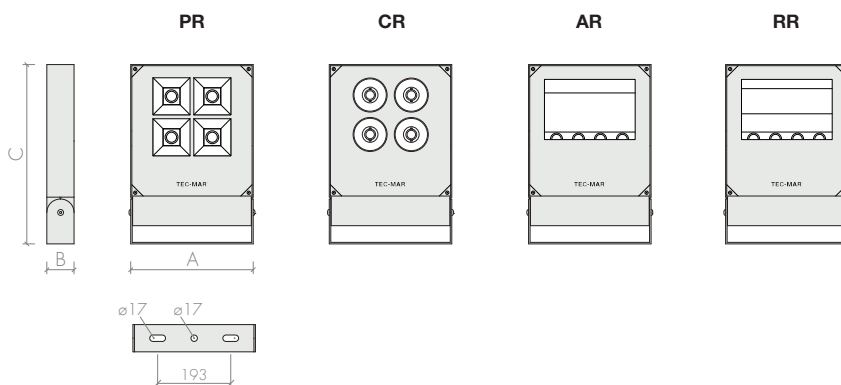
LED | CE | 220 V<sub>≈</sub> 240 | -25°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >90.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7029		PR	2 = 2200°K (CRI >80)	200	GL = on/off
		CR	3 = 3000°K (CRI >80)	240	GM = 1-10v
		AR	4 = 4000°K (CRI >80)	280	GD = dali
		RR	5 = 5000°K (CRI >80)	300	GV = vetro infrangibile / shatterproof glass
			6 = 6500°K (CRI >80)		GA = vetro acidato / acid-etched glass
			7 = 5700°K (CRI >80)		
			8 = 5700°K (CRI >90)		

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	325	70	500	9,2	0,012	50	0,163 m <sup>2</sup>





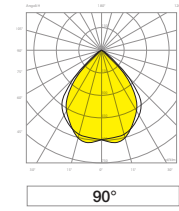
## Mod. PR

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35219	28236	141	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	33236	138	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	37431	134	600W SAP	D1
300	4000K - CRI>80	4	50694	41081	137	600W SAP	D1



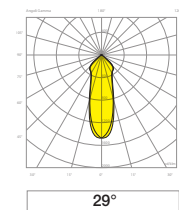
## Mod. CR

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35219	27106	136	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	31909	133	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	35932	128	600W SAP	D1
300	4000K - CRI>80	4	50694	39436	131	600W SAP	D1



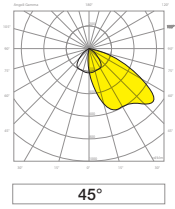
## Mod. AR

**Ottica**

Riflettore asimmetrico 45° in alluminio satinato

**Optic**

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35219	26607	133	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	31318	130	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	35271	126	600W SAP	D1
300	4000K - CRI>80	4	50694	38710	129	600W SAP	D1



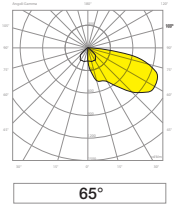
## Mod. RR

**Ottica**

Riflettore asimmetrico 65° in alluminio satinato

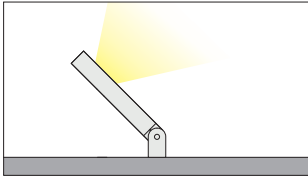
**Optic**

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35219	25276	126	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	29752	124	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	33507	120	600W SAP	D1
300	4000K - CRI>80	4	50694	36774	123	600W SAP	D1

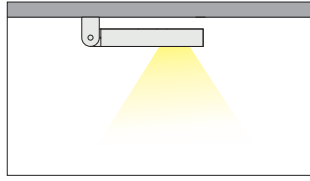
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

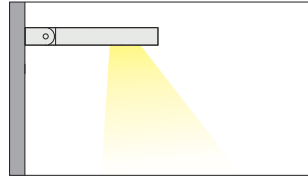
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

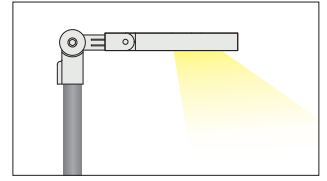
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC100)

Top pole installation Ø60mm (ACC100)

ACCESSORI / ACCESSORIES



ACC068



ACC070



ACC069



ACC071



ACC100



ACC141



ACC161

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC100** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC141** Griglia di protezione 330 x 360 mm  
330 x 360 mm protection grid

**ACC161** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog





# POLAR 1 (multiled)

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## Δ LUMEN

3000°K (CRI >80) = **-6.25%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.50%**  
6500°K (CRI >80) = **-6.25%**

## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50,000h | L80-B50 >70,000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
7036		S9	30 = 3000°K (CRI >80)	30	GL	= on/off
		M6	40 = 4000°K (CRI >80)	40	GM	= 1-10v
		C3	50 = 5000°K (CRI >80)	50	GD	= dali
		A5	65 = 6500°K (CRI >80)		GV	= vetro infrangibile / shatterproof glass
		A6			GA	= vetro acidato / acid-etched glass

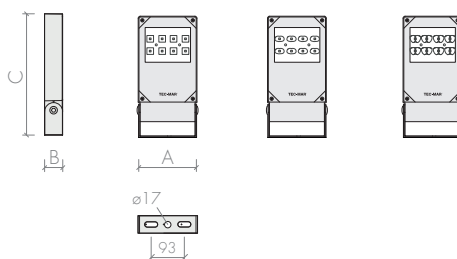
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	155	45	325	2,4	0,003	70	0,051 m <sup>2</sup>

D9 - M6 - C3

A5

A6



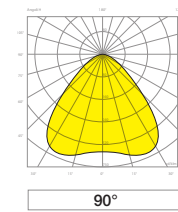
## Mod. S9

### Ottica

Ottica simmetrica 90° in PMMA ad alto rendimento.

### Optic

90° wide beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	8	4750	4025	134	70W JM/SAP	D1
40	4000K - CRI>80	8	5736	4860	122	70W JM/SAP	D1
50	4000K - CRI>80	8	6050	5126	103	100W JM	D1

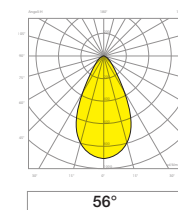
## Mod. M6

### Ottica

Ottica media 56° in PMMA ad alto rendimento.

### Optic

56° medium beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	8	4750	3981	133	70W JM/SAP	D1
40	4000K - CRI>80	8	5736	4806	120	70W JM/SAP	D1
50	4000K - CRI>80	8	6050	5069	101	100W JM	D1



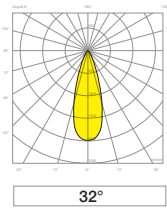
### Mod. C3

**Ottica**

Ottica concentrante 32° in PMMA ad alto rendimento.

**Optic**

32° narrow beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	8	4750	4003	133	70W JM/SAP	D1
40	4000K - CRI>80	8	5736	4833	121	70W JM/SAP	D1
50	4000K - CRI>80	8	6050	5097	102	100W JM	D1



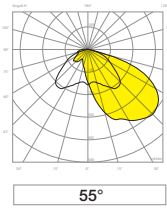
### Mod. A5

**Ottica**

Ottica asimmetrica 55° in PMMA ad alto rendimento.

**Optic**

55° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	8	4750	3937	131	70W JM/SAP	D1
40	4000K - CRI>80	8	5736	4753	119	70W JM/SAP	D1
50	4000K - CRI>80	8	6050	5013	100	100W JM	D1

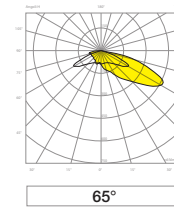
## Mod. A6

### Ottica

Ottica asimmetrica 65° in PMMA ad alto rendimento.

### Optic

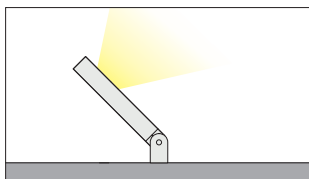
65° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
30	4000K - CRI>80	8	4750	3893	130	70W JM/SAP	D1
40	4000K - CRI>80	8	5736	4700	118	70W JM/SAP	D1
50	4000K - CRI>80	8	6050	4957	100	100W JM	D1

## INSTALLAZIONE / INSTALLATION

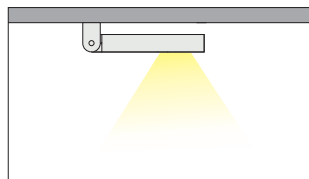
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

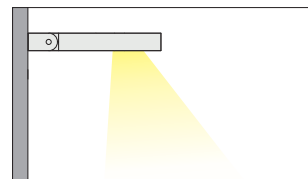
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

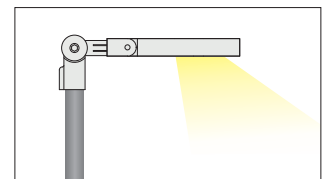
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC097)

Top pole installation Ø60mm (ACC097)

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.



**ACC097** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC138** Griglia di protezione 160 x 230 mm  
160 x 230 mm protection grid

**ACC158** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog



# POLAR 2 (multiled)

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## Δ LUMEN

3000°K (CRI >80) = **-6.25%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.50%**  
6500°K (CRI >80) = **-6.25%**

## CARATTERISTICHE / MAIN FEATURES

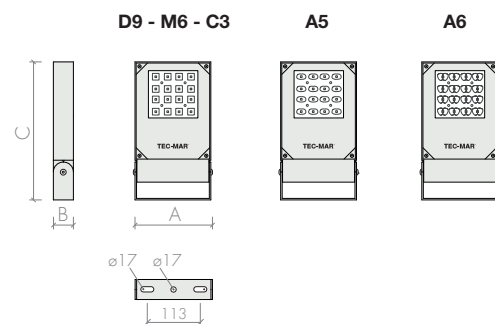
LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >70.000h | |

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
7037		S9	30 = 3000°K (CRI >80)	60	GL	= on/off
		M6	40 = 4000°K (CRI >80)	70	GM	= 1-10v
		C3	50 = 5000°K (CRI >80)	80	GD	= dali
		A5	65 = 6500°K (CRI >80)		GV	= vetro infrangibile / shatterproof glass
		A6			GA	= vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	205	50	365	3,5	0,005	60	0,075 m <sup>2</sup>



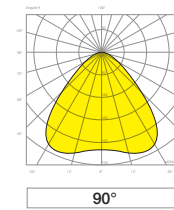
## Mod. S9

### Ottica

Ottica simmetrica 90° in PMMA ad alto rendimento.

### Optic

90° wide beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
60	4000K - CRI>80	16	9499	8051	134	150W JM	D1
70	4000K - CRI>80	16	10568	8957	128	150W JM/SAP	D1
80	4000K - CRI>80	16	11472	9720	122	150W JM/SAP	D1

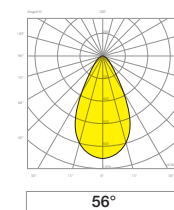
## Mod. M6

### Ottica

Ottica media 56° in PMMA ad alto rendimento.

### Optic

56° medium beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
60	4000K - CRI>80	16	9499	7963	133	150W JM	D1
70	4000K - CRI>80	16	10568	8858	127	150W JM/SAP	D1
80	4000K - CRI>80	16	11472	9613	120	150W JM/SAP	D1



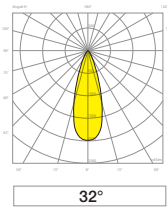
### Mod. C3

**Ottica**

Ottica concentrante 32° in PMMA ad alto rendimento.

**Optic**

32° narrow beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
60	4000K - CRI>80	16	9499	8007	133	150W JM	D1
70	4000K - CRI>80	16	10568	8907	127	150W JM/SAP	D1
80	4000K - CRI>80	16	11472	9667	121	150W JM/SAP	D1



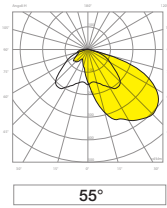
### Mod. A5

**Ottica**

Ottica asimmetrica 55° in PMMA ad alto rendimento.

**Optic**

55° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
60	4000K - CRI>80	16	9499	7874	131	150W JM	D1
70	4000K - CRI>80	16	10568	8760	125	150W JM/SAP	D1
80	4000K - CRI>80	16	11472	9506	119	150W JM/SAP	D1

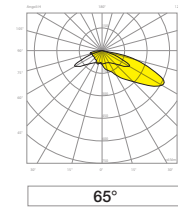
## Mod. A6

### Ottica

Ottica asimmetrica 65° in PMMA ad alto rendimento.

### Optic

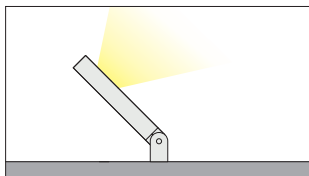
65° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
60	4000K - CRI>80	16	9499	7786	130	150W JM	D1
70	4000K - CRI>80	16	10568	8661	124	150W JM/SAP	D1
80	4000K - CRI>80	16	11472	9400	118	150W JM/SAP	D1

## INSTALLAZIONE / INSTALLATION

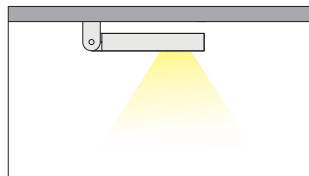
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

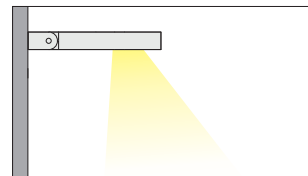
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

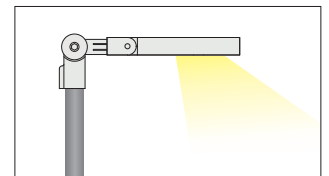
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC098)

Top pole installation Ø60mm (ACC098)

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC098** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC139** Griglia di protezione 210 x 260 mm  
210 x 260 mm protection grid

**ACC159** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog





# POLAR 3 (multiled)

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## Δ LUMEN

3000°K (CRI >80) = **-6.25%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.50%**  
6500°K (CRI >80) = **-6.25%**

## CARATTERISTICHE / MAIN FEATURES

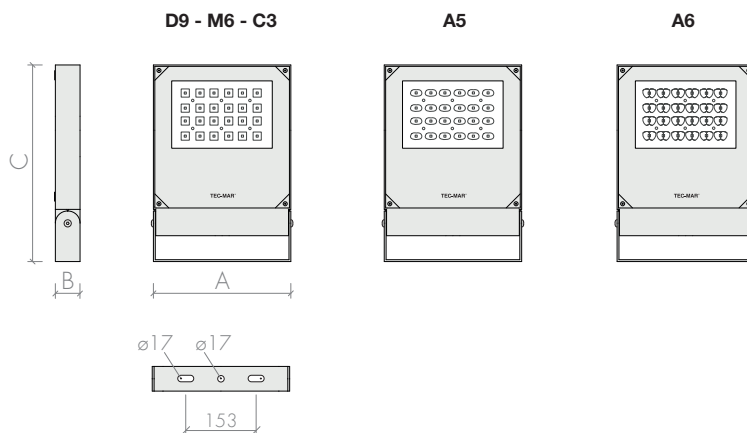
LED | CE | 220 V<sub>≈</sub> 240 | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >70.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7038		S9	3 = 3000°K (CRI >80)	120	GL = on/off
		M6	4 = 4000°K (CRI >80)	130	GM = 1-10v
		C3	5 = 5000°K (CRI >80)	150	GD = dali
		A5	6 = 6500°K (CRI >80)	175	GV = vetro infrangibile / shatterproof glass
		A6		190	GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	295	55	425	5,6	0,008	60	0,126 m <sup>2</sup>



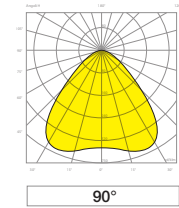
## Mod. S9

### Optica

Ottica simmetrica 90° in PMMA ad alto rendimento.

### Optic

90° wide beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	36	19192	16270	136	250W JM/SAP	D1
130	4000K - CRI>80	36	20136	17069	131	250W JM/SAP	D1
150	4000K - CRI>80	48	24313	20613	137	250W JM/SAP	D1
175	4000K - CRI>80	48	27263	23111	132	400W JM/SAP	D1
190	4000K - CRI>80	48	28905	24500	129	400W JM/SAP	D1

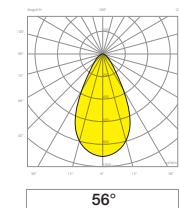
## Mod. M6

### Optica

Ottica media 56° in PMMA ad alto rendimento.

### Optic

56° medium beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	36	19192	16092	134	250W JM/SAP	D1
130	4000K - CRI>80	36	20136	16882	130	250W JM/SAP	D1
150	4000K - CRI>80	48	24313	20386	136	250W JM/SAP	D1
175	4000K - CRI>80	48	27263	22857	131	400W JM/SAP	D1
190	4000K - CRI>80	48	28905	24231	128	400W JM/SAP	D1



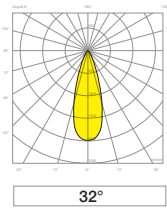
### Mod. C3

**Ottica**

Ottica concentrante 32° in PMMA ad alto rendimento.

**Optic**

32° narrow beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	36	19192	16181	135	250W JM/SAP	D1
130	4000K - CRI>80	36	20136	16975	131	250W JM/SAP	D1
150	4000K - CRI>80	48	24313	20500	137	250W JM/SAP	D1
175	4000K - CRI>80	48	27263	22984	131	400W JM/SAP	D1
190	4000K - CRI>80	48	28905	24366	128	400W JM/SAP	D1



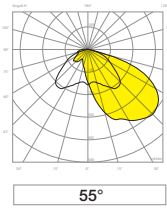
### Mod. A5

**Ottica**

Ottica asimmetrica 55° in PMMA ad alto rendimento.

**Optic**

55° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	36	19192	15913	133	250W JM/SAP	D1
130	4000K - CRI>80	36	20136	16694	128	250W JM/SAP	D1
150	4000K - CRI>80	48	24313	20160	134	250W JM/SAP	D1
175	4000K - CRI>80	48	27263	22603	129	400W JM/SAP	D1
190	4000K - CRI>80	48	28905	23962	126	400W JM/SAP	D1

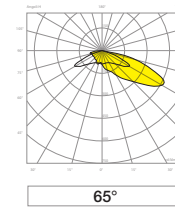
## Mod. A6

### Ottica

Ottica asimmetrica 65° in PMMA ad alto rendimento.

### Optic

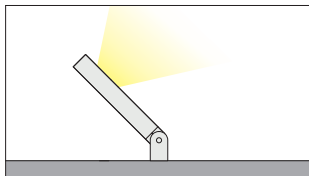
65° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	36	19192	15734	131	250W JM/SAP	D1
130	4000K - CRI>80	36	20136	16507	127	250W JM/SAP	D1
150	4000K - CRI>80	48	24313	19933	133	250W JM/SAP	D1
175	4000K - CRI>80	48	27263	22349	128	400W JM/SAP	D1
190	4000K - CRI>80	48	28905	23693	125	400W JM/SAP	D1

## INSTALLAZIONE / INSTALLATION

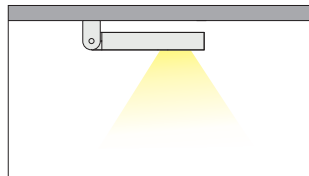
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

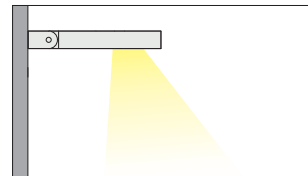
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

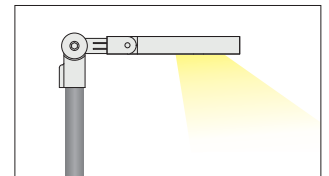
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC099)

Top pole installation Ø60mm (ACC099)

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC099** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC140** Griglia di protezione 300 x 310 mm  
300 x 310 mm protection grid

**ACC160** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog



# POLAR 4 (multiled)

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >70.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7039		S9	3 = 3000°K (CRI >80)	200	GL = on/off
		M6	4 = 4000°K (CRI >80)	240	GM = 1-10v
		C3	5 = 5000°K (CRI >80)	280	GD = dali
		A5	6 = 6500°K (CRI >80)	300	GV = vetro infrangibile / shatterproof glass
		A6			GA = vetro acidato / acid-etched glass

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

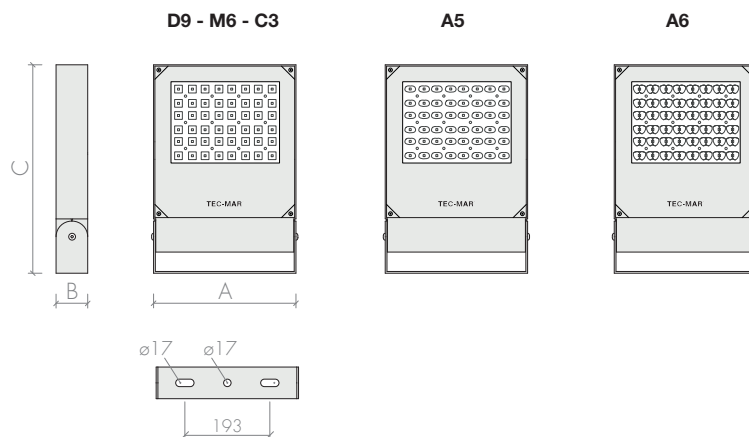
## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	325	70	500	9,2	0,012	50	0,163 m <sup>2</sup>



## Δ LUMEN

3000°K (CRI >80) =	<b>-6.25%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.50%</b>
6500°K (CRI >80) =	<b>-6.25%</b>



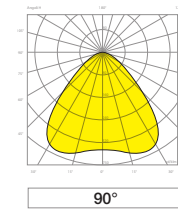
## Mod. S9

### Ottica

Ottica simmetrica 90° in PMMA ad alto rendimento.

### Optic

90° wide beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	64	32418	27484	137	400W JM/SAP	D1
240	4000K - CRI>80	64	36902	31281	130	400W JM/SAP	D1
280	4000K - CRI>80	64	41747	35381	126	600W SAP	D1
300	4000K - CRI>80	64	43317	36710	122	600W SAP	D1



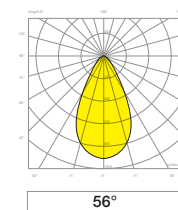
## Mod. M6

### Ottica

Ottica media 56° in PMMA ad alto rendimento.

### Optic

56° medium beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	64	32418	27182	136	400W JM/SAP	D1
240	4000K - CRI>80	64	36902	30937	129	400W JM/SAP	D1
280	4000K - CRI>80	64	41747	34992	125	600W SAP	D1
300	4000K - CRI>80	64	43317	36306	121	600W SAP	D1



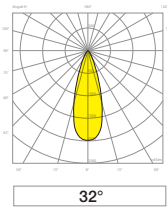
### Mod. C3

**Ottica**

Ottica concentrante 32° in PMMA ad alto rendimento.

**Optic**

32° narrow beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	64	32418	27333	137	400W JM/SAP	D1
240	4000K - CRI>80	64	36902	31109	130	400W JM/SAP	D1
280	4000K - CRI>80	64	41747	35187	126	600W SAP	D1
300	4000K - CRI>80	64	43317	36508	122	600W SAP	D1



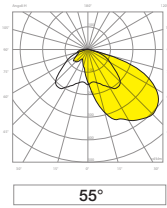
### Mod. A5

**Ottica**

Ottica asimmetrica 55° in PMMA ad alto rendimento.

**Optic**

55° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	64	32418	26880	134	400W JM/SAP	D1
240	4000K - CRI>80	64	36902	30593	127	400W JM/SAP	D1
280	4000K - CRI>80	64	41747	34604	124	600W SAP	D1
300	4000K - CRI>80	64	43317	35903	120	600W SAP	D1

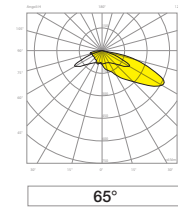
## Mod. A6

### Ottica

Ottica asimmetrica 65° in PMMA ad alto rendimento.

### Optic

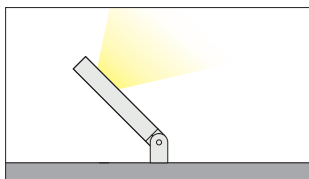
65° asymmetric optic in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	64	32418	26578	133	400W JM/SAP	D1
240	4000K - CRI>80	64	36902	30250	126	400W JM/SAP	D1
280	4000K - CRI>80	64	41747	34215	122	600W SAP	D1
300	4000K - CRI>80	64	43317	35500	118	600W SAP	D1

## INSTALLAZIONE / INSTALLATION

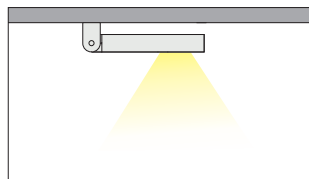
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

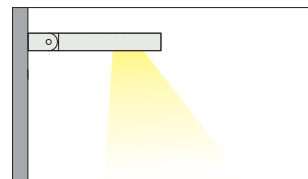
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

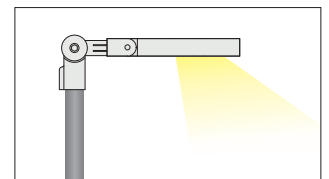
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC100)

Top pole installation Ø60mm (ACC100)

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC100** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC141** Griglia di protezione 330 x 360 mm  
330 x 360 mm protection grid

**ACC161** Staffa con trattamento marino resistente alle nebbie saline  
Bracket with marine treatment resistant to saline fog



# MAGIC

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



 **Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 2x1,5mm<sup>2</sup> già cablatto con connettore stagno, lunghezza 2000mm e driver remotizzabile fino a 40m. Surge Protection da 10kV incluso.

## Equipment

2000mm long H07RN-F 2x1,5mm<sup>2</sup> neoprene cable with waterproof connector and remote driver up to 40m included. 10kV Surge Protection.



## Δ LUMEN

4000°K (CRI >70) = **standard**  
5700°K (CRI >70) = **+0.00%**  
5700°K (CRI >80) = **-10.81%**  
5700°K (CRI >90) = **-15.00%**



## CARATTERISTICHE / MAIN FEATURES

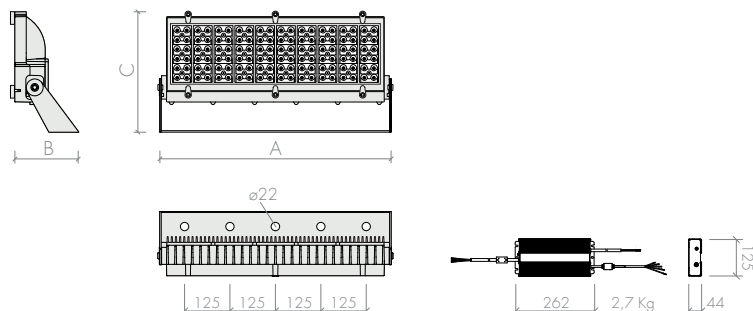
  220 V<sub>≈</sub> 240  | -25°C | IP66 | IK08 | RG0 | CRI >70 | CRI >90 |  3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >90.000h |  **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7101		CR	4 = 4000°K (CRI >70)	320	GL = on/off (remote driver)
		SR	7 = 5700°K (CRI >70)	380	GM = 1-10v
		AR	T = 5700°K (CRI >80)	450	GD = dali
		RR	R = 5700°K (CRI >90)		G4 = input 400Vac
		SV			DX = 1-10v + dmx

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	612	163	309	10,5	0,033	30	0,190 m <sup>2</sup>



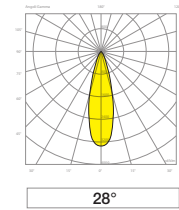
## Mod. CR

### Ottica

Lente concentrante 28° in PMMA ad alto rendimento

### Optic

28° narrow beam lens in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	96	52246	43466	136	600W SAP	D1
380	4000K - CRI>70	120	62857	52338	138	1000W JM/SAP	D1
450	4000K - CRI>70	120	73173	60045	133	1000W JM/SAP	D1

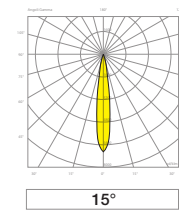
## Mod. SR

### Ottica

Lente concentrante 15° in PMMA ad alto rendimento.

### Optic

15° narrow beam lens in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	96	52246	43559	136	600W SAP	D1
380	4000K - CRI>70	120	62857	52449	138	1000W JM/SAP	D1
450	4000K - CRI>70	120	73173	60173	134	1000W JM/SAP	D1



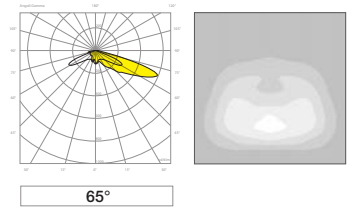
## Mod. AR

### Ottica

Lente asimmetrica 65° con fascio largo in PMMA ad alto rendimento

### Optic

65° asymmetric lens with width beam, in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	96	52246	43512	136	600W SAP	D1
380	4000K - CRI>70	120	62857	52393	138	1000W JM/SAP	D1
450	4000K - CRI>70	120	73173	60109	134	1000W JM/SAP	D1



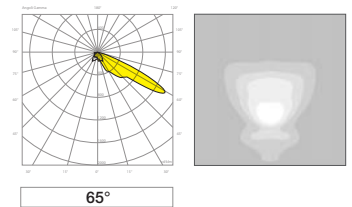
## Mod. RR

### Ottica

Lente asimmetrica 65° con fascio stretto in PMMA ad alto rendimento

### Optic

65° asymmetric lens with narrow beam, in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	96	52246	43235	135	600W SAP	D1
380	4000K - CRI>70	120	62857	52059	137	1000W JM/SAP	D1
450	4000K - CRI>70	120	73173	59725	133	1000W JM/SAP	D1

## ACCESSORI / ACCESSORIES



**ACC136** Cannocchiale di puntamento 4x32 per proiettori.  
4x32 aiming scope for projectors.

**ACC137** Laser di puntamento diurno e notturno per proiettori.  
Day and night aiming laser for projectors.

**ACC167** Piastra di fissaggio driver remoti alla staffa  
Fixing plate for remote drivers on the bracket

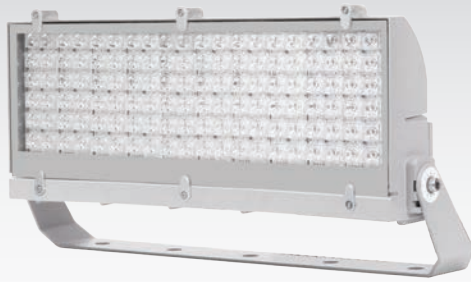
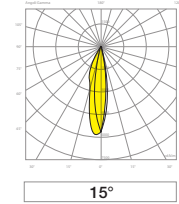
## Mod. SV

### Ottica

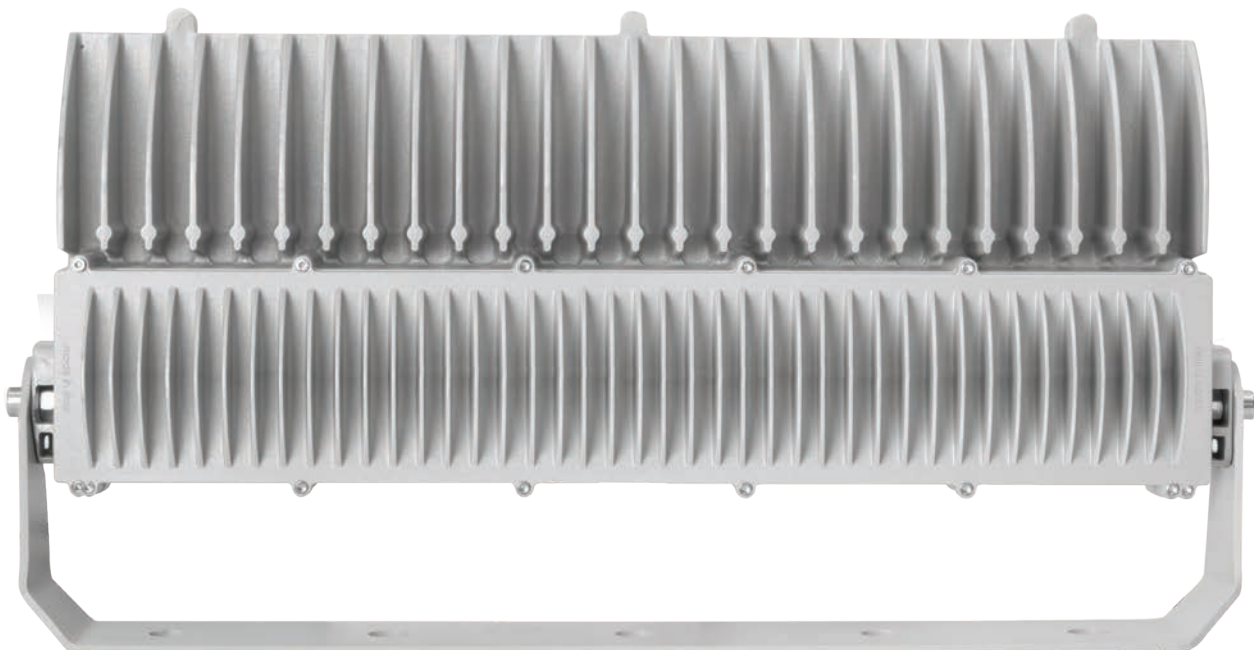
Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

### Optic

15° narrow beam lens with anti-light pollution system up to 70° in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	96	52246	42541	133	600W SAP	D1
380	4000K - CRI>70	120	62857	51224	135	1000W JM/SAP	D1
450	4000K - CRI>70	120	73173	58767	131	1000W JM/SAP	D1



# MAGIC 2

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## Dotazione

Cavo in neoprene H07RN-F 2x1,5mm<sup>2</sup> già cablato con connettore stagno, lunghezza 2000mm e driver remotizzabile fino a 40m. Surge Protection da 10kV incluso.

## Equipment

2000mm long H07RN-F 2x1,5mm<sup>2</sup> neoprene cable with waterproof connector and remote driver up to 40m included. 10kV Surge Protection.



## Δ LUMEN

4000°K (CRI >70) = **standard**  
5700°K (CRI >70) = **+0.00%**  
5700°K (CRI >80) = **-10.81%**  
5700°K (CRI >90) = **-15.00%**

## CARATTERISTICHE / MAIN FEATURES

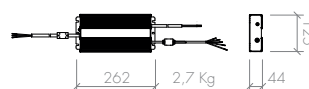
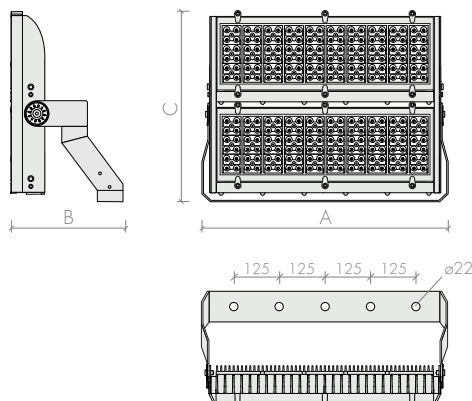
LED | CE | 220-240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >90.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7102		CR	4 = 4000°K (CRI >70)	600	GL = on/off (remote driver)
		SR	7 = 5700°K (CRI >70)	900	GM = 1-10v
		AR	T = 5700°K (CRI >80)		GD = dali
		RR	R = 5700°K (CRI >90)		G4 = input 400Vac
		SV			GX = 1-10v + dmx

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
D1	655	350	550	21,5	0,140	30	0,388 m <sup>2</sup>

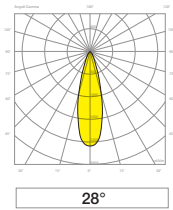




### Mod. CR

**Ottica**  
Lente concentrante 28° in PMMA ad alto rendimento

**Optic**  
28° narrow beam lens in high performance PMMA



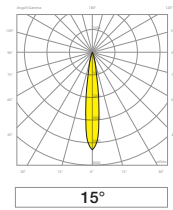
W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	2x120	105474	89494	149	2000W JM/SAP	D1
900	4000K - CRI>70	2x120	146349	120091	134	2000W JM/SAP	D1



### Mod. SR

**Ottica**  
Lente concentrante 15° in PMMA ad alto rendimento.

**Optic**  
15° narrow beam lens in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	2x120	105474	89684	149	2000W JM/SAP	D1
900	4000K - CRI>70	2x120	146349	120347	133	2000W JM/SAP	D1



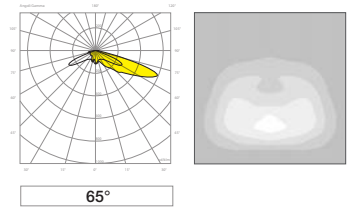
## Mod. AR

### Ottica

Lente asimmetrica 65° con fascio largo in PMMA ad alto rendimento

### Optic

65° asymmetric lens with width beam, in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	2x120	105474	89589	149	2000W JM/SAP	D1
900	4000K - CRI>70	2x120	146349	120219	134	2000W JM/SAP	D1



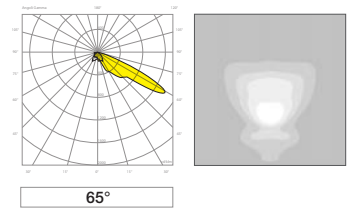
## Mod. RR

### Ottica

Lente asimmetrica 65° con fascio stretto in PMMA ad alto rendimento

### Optic

65° asymmetric lens with narrow beam, in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	2x120	105474	89018	148	2000W JM/SAP	D1
900	4000K - CRI>70	2x120	146349	119452	133	2000W JM/SAP	D1

## ACCESSORI / ACCESSORIES



**ACC136** Cannocchiale di puntamento 4x32 per proiettori.  
4x32 aiming scope for projectors.

**ACC137** Laser di puntamento diurno e notturno per proiettori.  
Day and night aiming laser for projectors.

**ACC168** Piastra di fissaggio driver remoti alla staffa  
Fixing plate for remote drivers on the bracket

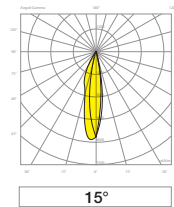
## Mod. SV

### Ottica

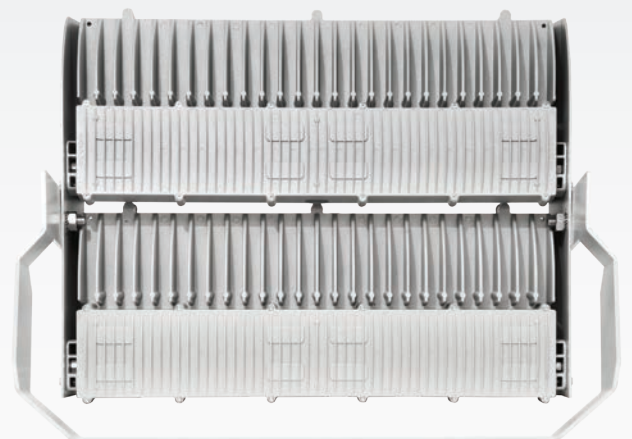
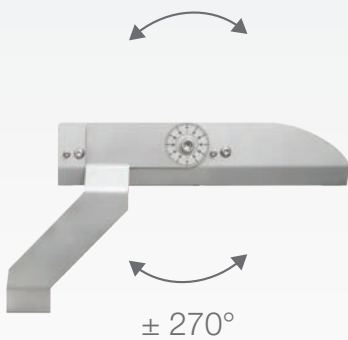
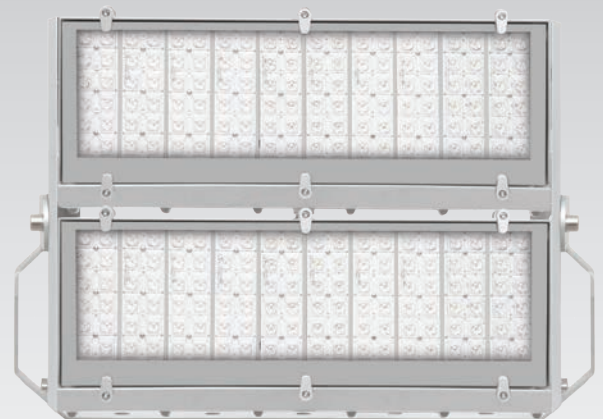
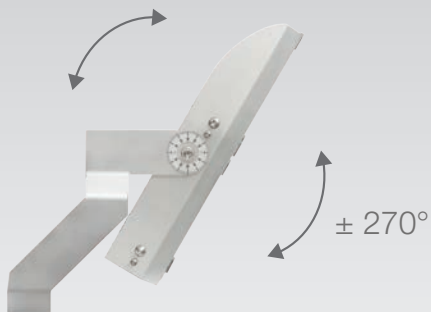
Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

### Optic

15° narrow beam lens with anti-light pollution system up to 70° in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	2x120	105474	87590	146	2000W JM/SAP	D1
900	4000K - CRI>70	2x120	146349	117536	131	2000W JM/SAP	D1





# MAGIC 3

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> | 240 V<sub>~</sub> | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >80 | CRI >90 | 3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >90.000h |

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
7103		CR	4 = 4000°K (CRI >70)	120 =1200W	GL = on/off (remote driver)
		SR	7 = 5700°K (CRI >70)	135 =1350W	GM = 1-10v
		AR	T = 5700°K (CRI >80)		GD = dali
		RR	R = 5700°K (CRI >90)		G4 = input 400Vac
		SV			GX = 1-10v + dmx

## Dotazione

Cavo in neoprene H07RN-F 2x1,5mm<sup>2</sup> già cablato con connettore stagno, lunghezza 2000mm e driver remotizzabile fino a 40m. Surge Protection da 10kV incluso.

## Equipment

2000mm long H07RN-F 2x1,5mm<sup>2</sup> neoprene cable with waterproof connector and remote driver up to 40m included. 10kV Surge Protection.

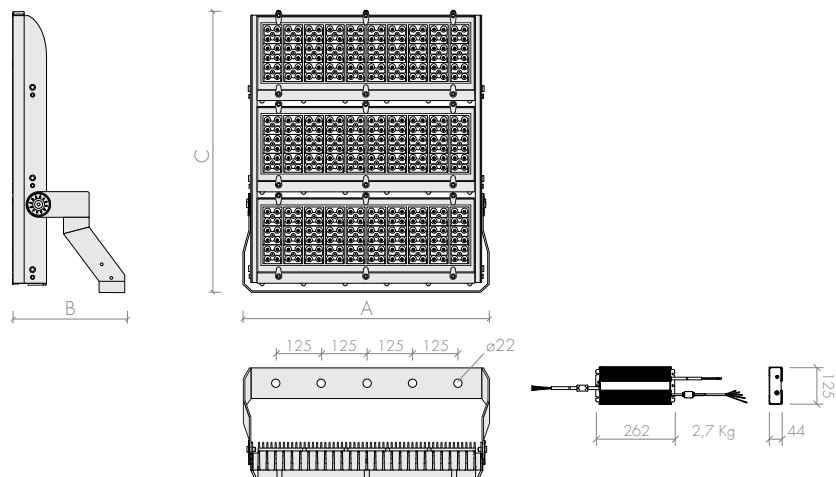


## Δ LUMEN

4000°K (CRI >70) = **standard**  
 5700°K (CRI >70) = **+0.00%**  
 5700°K (CRI >80) = **-10.81%**  
 5700°K (CRI >90) = **-15.00%**

## DIMENSIONI / DIMENSIONS

D1	A	B	C	Kg	mc		
	655	350	740	30,5	0,200	20	0,560 m <sup>2</sup>

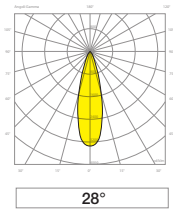




### Mod. CR

**Ottica**  
Lente concentrante 28° in PMMA ad alto rendimento

**Optic**  
28° narrow beam lens in high performance PMMA



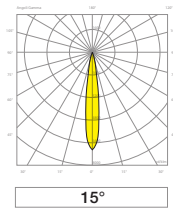
W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1200	4000K - CRI>70	3x120	195923	162998	136	2000W JM/SAP	D1
1350	4000K - CRI>70	3x120	219524	180136	133	2000W JM/SAP	D1



### Mod. SR

**Ottica**  
Lente concentrante 15° in PMMA ad alto rendimento.

**Optic**  
15° narrow beam lens in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1200	4000K - CRI>70	3x120	195923	163345	136	2000W JM/SAP	D1
1350	4000K - CRI>70	3x120	219524	180520	134	2000W JM/SAP	D1



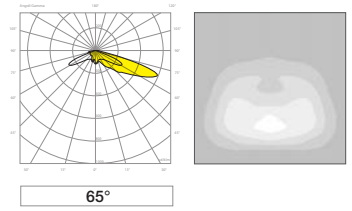
## Mod. AR

### Ottica

Lente asimmetrica 65° con fascio largo in PMMA ad alto rendimento

### Optic

65° asymmetric lens with width beam, in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1200	4000K - CRI>70	3x120	195923	163172	136	2000W JM/SAP	D1
1350	4000K - CRI>70	3x120	219524	180328	134	2000W JM/SAP	D1



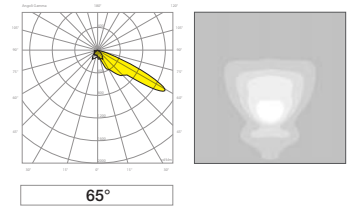
## Mod. RR

### Ottica

Lente asimmetrica 65° con fascio stretto in PMMA ad alto rendimento

### Optic

65° asymmetric lens with narrow beam, in high performance PMMA



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1200	4000K - CRI>70	3x120	195923	162131	135	2000W JM/SAP	D1
1350	4000K - CRI>70	3x120	219524	179178	133	2000W JM/SAP	D1

## ACCESSORI / ACCESSORIES



**ACC136** Cannocchiale di puntamento 4x32 per proiettori.  
4x32 aiming scope for projectors.

**ACC137** Laser di puntamento diurno e notturno per proiettori.  
Day and night aiming laser for projectors.

**ACC168** Piastra di fissaggio driver remoti alla staffa  
Fixing plate for remote drivers on the bracket

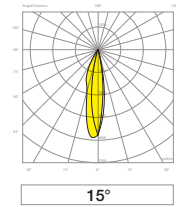
## Mod. SV

### Optica

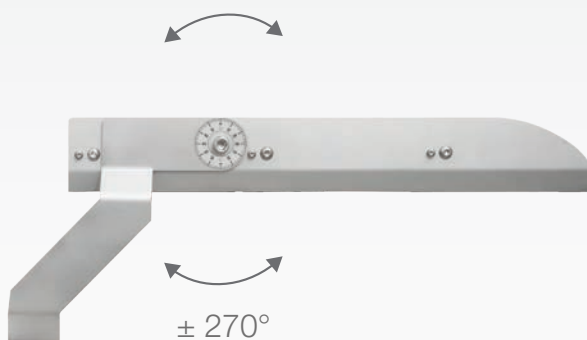
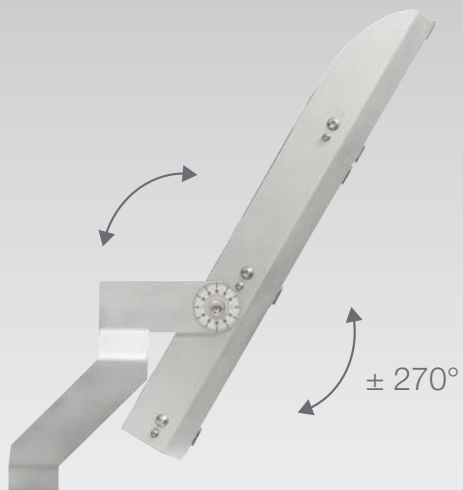
Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

### Optic

15° narrow beam lens with anti-light pollution system up to 70° in high performance PMMA.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1200	4000K - CRI>70	3x120	195923	159530	133	2000W JM/SAP	D1
1350	4000K - CRI>70	3x120	219524	176304	131	2000W JM/SAP	D1



# LORDINO

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliester anticorrosione colore bianco, silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder, white, silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>~</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | A++

### CODIFICA - colore bianco / CODING - white color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9003
8029		PR	30 = 3000°K (CRI >80)	20	BL = on/off	
		CR	40 = 4000°K (CRI >80)	30	BM = 1-10v	
		AR	50 = 5000°K (CRI >80)	40	BD = dali	
		RR	65 = 6500°K (CRI >80)	50	BV = vetro infrangibile / shatterproof glass	
			93 = 3000°K (CRI >90)	68	BA = vetro acidato / acid-etched glass	
			94 = 4000°K (CRI >90)			

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9006
8029		PR	30 = 3000°K (CRI >80)	20	GL = on/off	
		CR	40 = 4000°K (CRI >80)	30	GM = 1-10v	
		AR	50 = 5000°K (CRI >80)	40	GD = dali	
		RR	65 = 6500°K (CRI >80)	50	GV = vetro infrangibile / shatterproof glass	
			93 = 3000°K (CRI >90)	68	GA = vetro acidato / acid-etched glass	
			94 = 4000°K (CRI >90)			

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 7015
8029		PR	30 = 3000°K (CRI >80)	20	EL = on/off	
		CR	40 = 4000°K (CRI >80)	30	LM = 1-10v	
		AR	50 = 5000°K (CRI >80)	40	LD = dali	
		RR	65 = 6500°K (CRI >80)	50	VI = vetro infrangibile / shatterproof glass	
			93 = 3000°K (CRI >90)	68	VA = vetro acidato / acid-etched glass	
			94 = 4000°K (CRI >90)			

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm. Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included. 10kV Surge Protection.



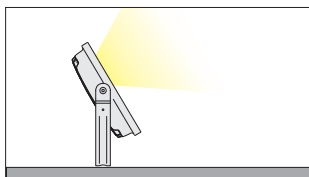
## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 3000°K (CRI >90) = **-18.15%**  
 4000°K (CRI >80) = **standard**  
 4000°K (CRI >90) = **-14.33%**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+0.00%**



## INSTALLAZIONE / INSTALLATION

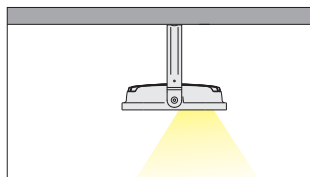
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

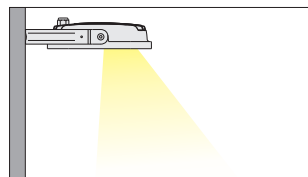
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

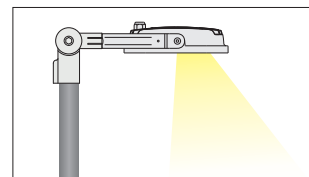
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation

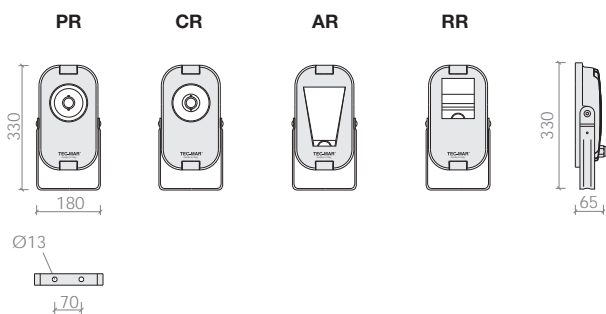


Apparecchio adatto per installazione su palo Ø60mm (ACC082-083-084)

Top pole installation Ø60mm (ACC082-083-084)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	180	65	330	2,0	0,014	90





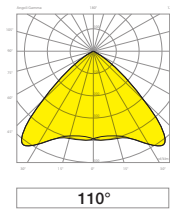
## Mod. PR

### Ottica

Riflettore simmetrico 110° in alluminio satinato

### Optic

110° wide beam matt satin aluminium reflector



110°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
20	4000K - CRI>80	1	3214	2490	125	300W ALO	D1
30	4000K - CRI>80	1	4518	3500	117	70W JM	D1
40	4000K - CRI>80	1	6763	5238	131	70W SAP	D1
50	4000K - CRI>80	1	7102	5485	110	100W JM/SAP	D1
68	4000K - CRI>80	1	9845	7626	112	150W JM	D1



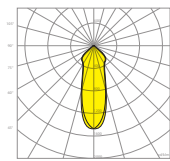
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



29°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
20	4000K - CRI>80	1	3214	2475	124	300W ALO	D1
30	4000K - CRI>80	1	4518	3479	116	70W JM	D1
40	4000K - CRI>80	1	6763	5207	130	70W SAP	D1
50	4000K - CRI>80	1	7102	5452	109	100W JM/SAP	D1
68	4000K - CRI>80	1	9845	7579	111	150W JM	D1



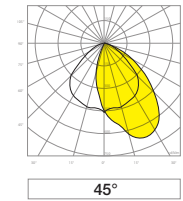
## Mod. AR

### Optica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
20	4000K - CRI>80	1	3214	2429	121	300W ALO	D1
30	4000K - CRI>80	1	4518	3415	114	70W JM	D1
40	4000K - CRI>80	1	6763	5111	128	70W SAP	D1
50	4000K - CRI>80	1	7102	5352	107	100W JM/SAP	D1
68	4000K - CRI>80	1	9845	7440	109	150W JM	D1



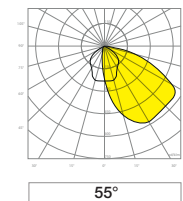
## Mod. RR

### Optica

Riflettore asimmetrico 55° in alluminio satinato

### Optic

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
20	4000K - CRI>80	1	3214	2308	115	300W ALO	D1
30	4000K - CRI>80	1	4518	3244	108	70W JM	D1
40	4000K - CRI>80	1	6763	4855	121	70W SAP	D1
50	4000K - CRI>80	1	7102	5084	102	100W JM/SAP	D1
68	4000K - CRI>80	1	9845	7068	104	150W JM	D1







**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC082** Attacco palo regolabile per proiettori verniciato bianco. Diametro palo 60 mm. Floodlights adjustable pole bracket, white color. Pole diameter: 60 mm.

**ACC083** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC084** Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm. Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.

# LITTLE-LORD

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | A++

## CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9006
8034		PR	3 = 3000°K (CRI >80)	080	GL = on/off	
		P2	4 = 4000°K (CRI >80)	100	GM = 1-10v	
		CR	5 = 5000°K (CRI >80)	120	GD = dali	
		AR	6 = 6500°K (CRI >80)	130	MG = mezzanotte virtuale / virtual midnight	
				150	G1 = em. 1h GI = vetro infrangibile / shatterproof glass GA = vetro acidato / etched glass	

## Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



RAL 9006

RAL 7015

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+0.00%**

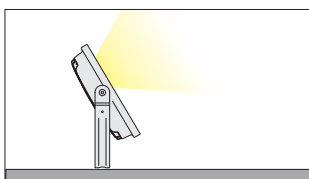
## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 7015
8034		PR	3 = 3000°K (CRI >80)	080	EL = on/off	
		P2	4 = 4000°K (CRI >80)	100	LM = 1-10v	
		CR	5 = 5000°K (CRI >80)	120	LD = dali	
		AR	6 = 6500°K (CRI >80)	130	LG = mezzanotte virtuale / virtual midnight	
				150	E1 = em. 1h VI = vetro infrangibile / shatterproof glass VA = vetro acidato / acid-etched glass	



## INSTALLAZIONE / INSTALLATION

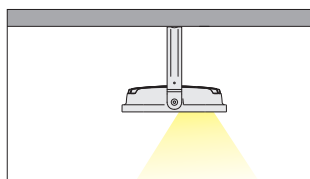
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

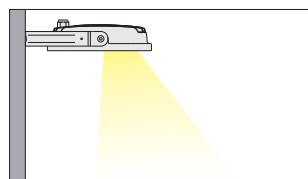
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

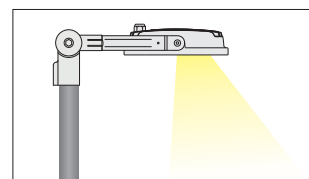
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC085-086)

Top pole installation Ø60mm (ACC085-086)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	295	100	355	4,9	0,014	50
<b>D2</b>	295	145	355	5,7	0,014	50

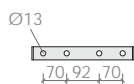
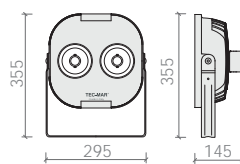
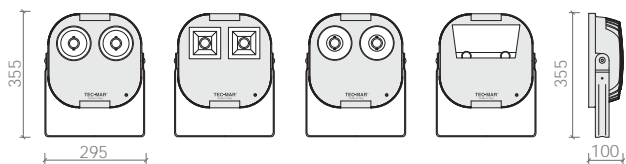
PR

P2

CR

AR

ONLY 150W





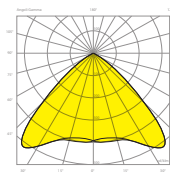
## Mod. PR

### Optica

Riflettore simmetrico 110° in alluminio satinato

### Optic

110° wide beam matt satin aluminium reflector



110°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	10477	131	150W JM/SAP	D1
100	4000K - CRI>80	2	17172	13302	133	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	14473	121	250W JM/SAP	D1
130	4000K - CRI>80	2	20361	15771	121	250W JM/SAP	D1
150	4000K - CRI>80	2	22315	17285	115	250W JM/SAP	D2



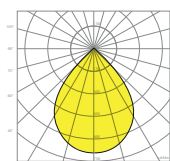
## Mod. P2

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



90°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	10286	129	150W JM/SAP	D1
100	4000K - CRI>80	2	17172	13059	131	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	14208	118	250W JM/SAP	D1
130	4000K - CRI>80	2	20361	15483	119	250W JM/SAP	D1
150	4000K - CRI>80	2	22315	16969	113	250W JM/SAP	D2

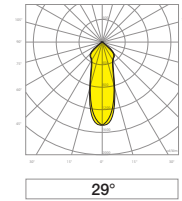
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	10414	130	150W JM/SAP	D1
100	4000K - CRI>80	2	17172	13221	132	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	14385	120	250W JM/SAP	D1
130	4000K - CRI>80	2	20361	15675	121	250W JM/SAP	D1
150	4000K - CRI>80	2	22315	17180	115	250W JM/SAP	D2

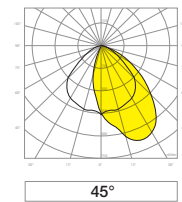
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

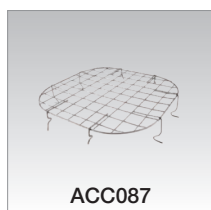
### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	13527	10222	128	150W JM/SAP	D1
100	4000K - CRI>80	2	17172	12978	130	150W JM/SAP	D1
120	4000K - CRI>80	2	18684	14120	118	250W JM/SAP	D1
130	4000K - CRI>80	2	20361	15387	118	250W JM/SAP	D1
150	4000K - CRI>80	2	22315	16864	112	250W JM/SAP	D2





**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC085** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC086** Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm. Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.

**ACC087** Griglia di protezione 285 x 285 mm. 285 x 285 mm protection grid.





# LORD 2


Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



 **Ball Test**  
DIN 18032-3

## Dotazione


Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



 RAL 9006

 RAL 7015


## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.90%**  
6500°K (CRI >80) = **+0.00%**  
5700°K (CRI >90) = **-12.58%**


## CARATTERISTICHE / MAIN FEATURES

  220 V<sub>~</sub> 240 |  -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 / CRI >90 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  

## CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9006
8036		PR	3 = 3000°K (CRI >80)	080	GL = on/off	
		CR	4 = 4000°K (CRI >80)	118	GM = 1-10v	
		AR	5 = 5000°K (CRI >80)	130	GD = dali	
		RR	6 = 6500°K (CRI >80)	150	G1 = em. 1h	
			7 = 5700°K (CRI >90)	170	GV = vetro infrangibile / shatterproof glass	
				185	GA = vetro acidato / etched glass	

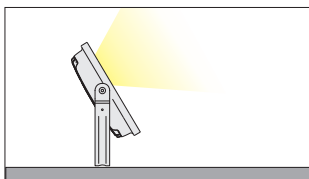
## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 7015
8036		PR	3 = 3000°K (CRI >80)	080	EL = on/off	
		CR	4 = 4000°K (CRI >80)	118	LM = 1-10v	
		AR	5 = 5000°K (CRI >80)	130	LD = dali	
		RR	6 = 6500°K (CRI >80)	150	E1 = em. 1h	
			7 = 5700°K (CRI >90)	170	VI = vetro infrangibile / shatterproof glass	
				185	VA = vetro acidato / etched glass	



## INSTALLAZIONE / INSTALLATION

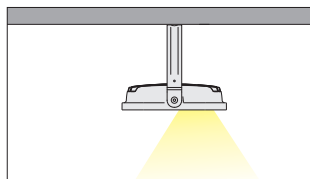
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

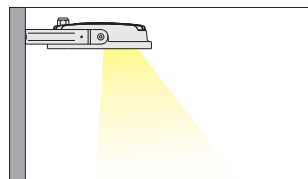
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

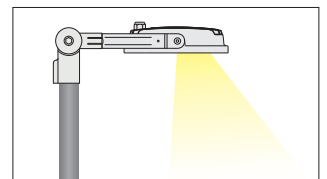
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation

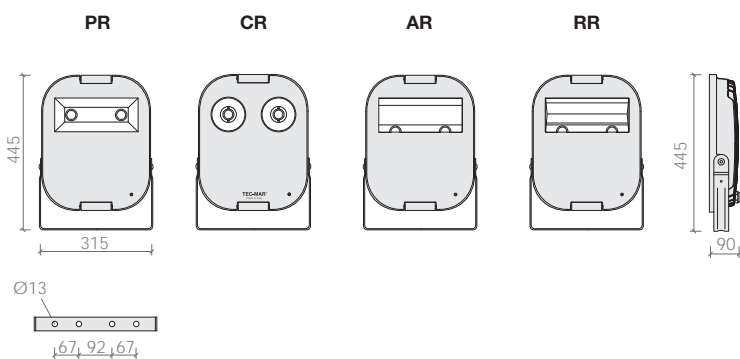


Apparecchio adatto per installazione su palo Ø60mm (ACC088-089)

Top pole installation Ø60mm (ACC088-089)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	315	85	445	6,5	0,024	50





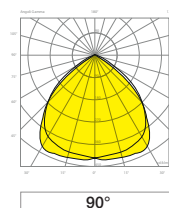
## Mod. PR

### Ottica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



90°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	14505	11635	145	150W JM/SAP	D1
118	4000K - CRI>80	2	19759	15848	134	250W JM	D1
130	4000K - CRI>80	2	21403	17168	132	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	20091	134	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	21389	126	400W JM	D1
185	4000K - CRI>80	2	29292	23495	127	400W JM	D1



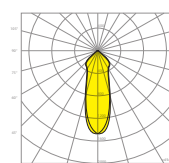
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



29°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	14505	11032	138	150W JM/SAP	D1
118	4000K - CRI>80	2	19759	15027	127	250W JM	D1
130	4000K - CRI>80	2	21403	16278	125	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	19050	127	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	20280	119	400W JM	D1
185	4000K - CRI>80	2	29292	22278	120	400W JM	D1



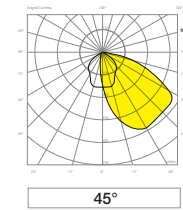
## Mod. AR

### Optica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	14505	10552	132	150W JM/SAP	D1
118	4000K - CRI>80	2	19759	14374	122	250W JM	D1
130	4000K - CRI>80	2	21403	15570	120	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	18221	121	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	19399	114	400W JM	D1
185	4000K - CRI>80	2	29292	21309	115	400W JM	D1



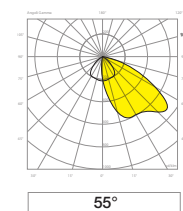
## Mod. RR

### Optica

Riflettore asimmetrico 55° in alluminio satinato

### Optic

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2	14505	10415	130	150W JM/SAP	D1
118	4000K - CRI>80	2	19759	14187	120	250W JM	D1
130	4000K - CRI>80	2	21403	15368	118	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	17985	120	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	19147	113	400W JM	D1
185	4000K - CRI>80	2	29292	21032	114	400W JM	D1





ACC068



ACC070



ACC069



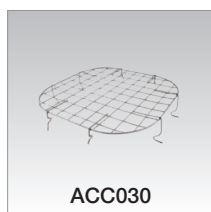
ACC071



ACC088



ACC089



ACC030

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC088** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC089** Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm. Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.

**ACC030** Griglia di protezione 300 x 385 mm. 300 x 385 mm protection grid.



# LORD HP


Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



 **Ball Test**  
DIN 18032-3


### Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablatto, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

### Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



 RAL 9006

 RAL 7015


### Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.90%**  
6500°K (CRI >80) = **+0.00%**  
5700°K (CRI >90) = **-12.58%**


## CARATTERISTICHE / MAIN FEATURES

  220 V<sub>~</sub> 240 |  -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 / CRI >90 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9006
8037		PR	3 = 3000°K (CRI >80)	080	GL = on/off	
		CR	4 = 4000°K (CRI >80)	100	GM = 1-10v	
		AR	5 = 5000°K (CRI >80)	120	GD = dali	
		RR	6 = 6500°K (CRI >80)	150	MG = mezzanotte virtuale / virtual midnight	
			7 = 5700°K (CRI >90)	170	G1 = em. 1h	
				185	GV = vetro infrangibile / shatterproof glass	
					GA = vetro acidato / etched glass	
					G2 = classe II / class II	

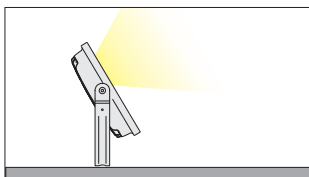
### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 7015
8037		PR	3 = 3000°K (CRI >80)	080	EL = on/off	
		CR	4 = 4000°K (CRI >80)	100	LM = 1-10v	
		AR	5 = 5000°K (CRI >80)	120	LD = dali	
		RR	6 = 6500°K (CRI >80)	150	MD = mezzanotte virtuale / virtual midnight	
			7 = 5700°K (CRI >90)	170	E1 = em. 1h	
				185	VI = vetro infrangibile / shatterproof glass	
					VA = vetro acidato / etched glass	
					E2 = classe II / class II	



## INSTALLAZIONE / INSTALLATION

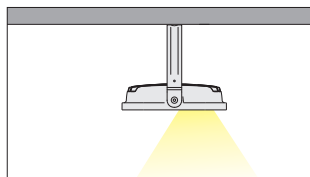
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

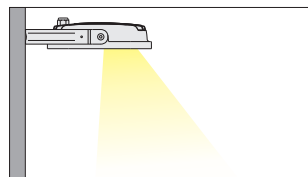
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

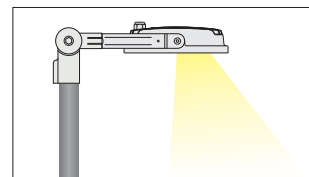
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su palo Ø60mm (ACC088-089)

Top pole installation Ø60mm (ACC088-089)

## DIMENSIONI / DIMENSIONS

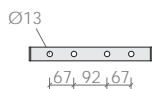
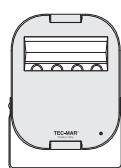
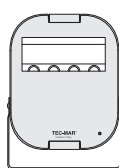
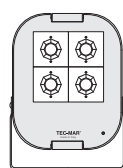
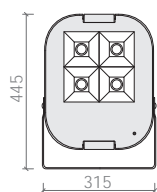
	A	B	C	Kg	mc	
D1	315	85	445	6,5	0,024	50

PR

CR

AR

RR







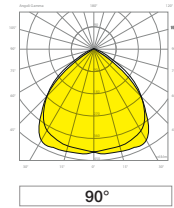
## Mod. PR

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	15552	12474	156	150W JM/SAP	D1
100	4000K - CRI>80	4	18625	14939	149	250W JM	D1
120	4000K - CRI>80	4	23498	18848	157	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	22784	152	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	24710	145	400W JM	D1
185	4000K - CRI>80	4	33622	26968	146	400W JM	D1



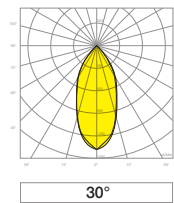
## Mod. CR

### Optica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	15552	11321	142	150W JM/SAP	D1
100	4000K - CRI>80	4	18625	13558	136	250W JM	D1
120	4000K - CRI>80	4	23498	17105	143	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	20677	138	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	22425	132	400W JM	D1
185	4000K - CRI>80	4	33622	24475	132	400W JM	D1



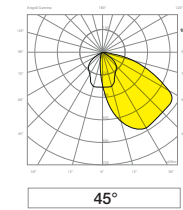
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	15552	11314	141	150W JM/SAP	D1
100	4000K - CRI>80	4	18625	13549	135	250W JM	D1
120	4000K - CRI>80	4	23498	17094	142	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	20664	138	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	22410	132	400W JM	D1
185	4000K - CRI>80	4	33622	24459	132	400W JM	D1



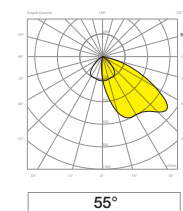
## Mod. RR

### Ottica

Riflettore asimmetrico 55° in alluminio satinato

### Optic

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	4	15552	11167	140	150W JM/SAP	D1
100	4000K - CRI>80	4	18625	13373	134	250W JM	D1
120	4000K - CRI>80	4	23498	16872	141	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	20395	136	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	22120	130	400W JM	D1
185	4000K - CRI>80	4	33622	24141	130	400W JM	D1





ACC068



ACC070



ACC069



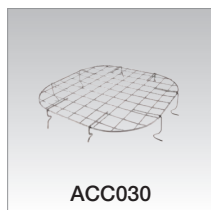
ACC071



ACC088



ACC089



ACC030

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC088** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC089** Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm. Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.

**ACC030** Griglia di protezione 300 x 385 mm. 300 x 385 mm protection grid.



# LORD


Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



 **Ball Test**  
DIN 18032-3

## Dotazione


Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



 RAL 9006

 RAL 7015


## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.90%**  
6500°K (CRI >80) = **+0.00%**  
5700°K (CRI >90) = **-12.58%**


## CARATTERISTICHE / MAIN FEATURES

  220 V<sub>~</sub> 240 |  -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 / CRI >90 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  

## CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9006
8031		PR	3 = 3000°K (CRI >80)	115	GL = on/off	
		CR	4 = 4000°K (CRI >80)	120	GM = 1-10v	
		AR	5 = 5000°K (CRI >80)	150	GD = dali	
			6 = 6500°K (CRI >80)	185	G1 = em. 1h	
			7 = 5700°K (CRI >90)	200	GV = vetro infrangibile / shatterproof glass	
					GA = vetro acidato / etched glass	

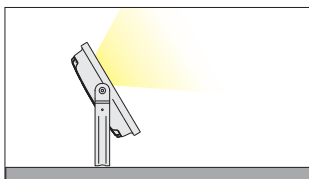
## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 7015
8031		PR	3 = 3000°K (CRI >80)	115	EL = on/off	
		CR	4 = 4000°K (CRI >80)	120	LM = 1-10v	
		AR	5 = 5000°K (CRI >80)	150	LD = dali	
			6 = 6500°K (CRI >80)	185	E1 = em. 1h	
			7 = 5700°K (CRI >90)	200	VI = vetro infrangibile / shatterproof glass	
					VA = vetro acidato / etched glass	



## INSTALLAZIONE / INSTALLATION

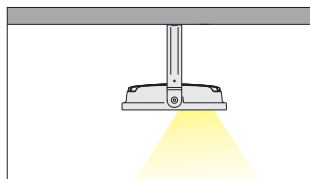
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

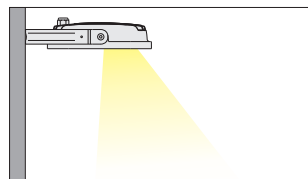
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

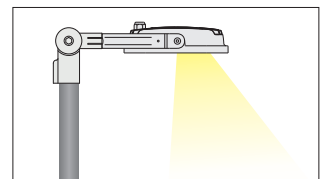
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation


Installazione a palo  
Pole installation

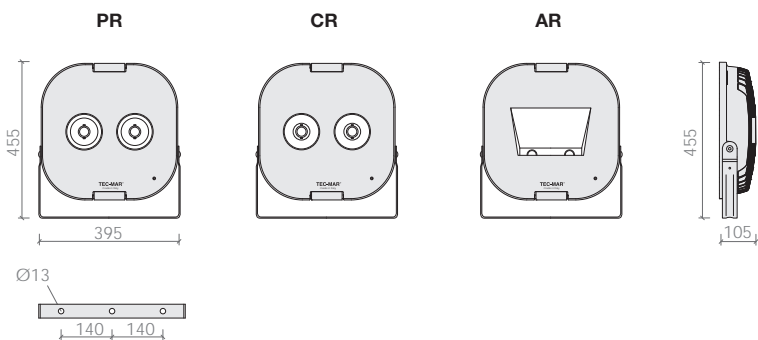


Apparecchio adatto per installazione su palo Ø60mm (ACC090-91)

Top pole installation Ø60mm (ACC090-091)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	395	105	455	8,7	0,024	50
<b>D2</b>	395	105	455	9,0	0,024	50





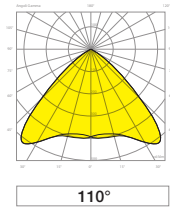
## Mod. PR

### Optica

Riflettore simmetrico 110° in alluminio satinato

### Optic

110° wide beam matt satin aluminium reflector



110°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
115	4000K - CRI>80	2	19844	15367	134	250W JM	D1
120	4000K - CRI>80	2	20727	16051	134	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	19404	129	250W JM/SAP	D1
185	4000K - CRI>80	2	29834	23110	125	400W JM	D2
200	4000K - CRI>80	2	31858	24670	123	400W JM	D2



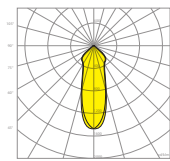
## Mod. CR

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



29°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
115	4000K - CRI>80	2	19844	15273	133	250W JM	D1
120	4000K - CRI>80	2	20727	15953	133	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	19286	129	250W JM/SAP	D1
185	4000K - CRI>80	2	29834	22969	124	400W JM	D2
200	4000K - CRI>80	2	31858	24519	123	400W JM	D2

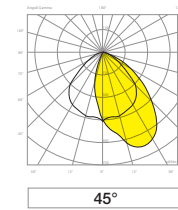
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
115	4000K - CRI>80	2	19844	14992	130	250W JM	D1
120	4000K - CRI>80	2	20727	15659	130	250W JM/SAP	D1
150	4000K - CRI>80	2	25058	18931	126	250W JM/SAP	D1
185	4000K - CRI>80	2	29834	22546	122	400W JM	D2
200	4000K - CRI>80	2	31858	24068	120	400W JM	D2

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC090** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC091** Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm. Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.

**ACC031** Griglia di protezione 385 x 385 mm. 385 x 385 mm protection grid.





# LORD 3


Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



 **Ball Test**  
DIN 18032-3

## Dotazione


Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablati, lunghezza 1000mm.  
Surge Protection da 10kV incluso.

## Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.  
10kV Surge Protection.



 RAL 9006

 RAL 7015


## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.90%**  
6500°K (CRI >80) = **+0.00%**  
5700°K (CRI >90) = **-12.53%**  
4000°K (CRI >70) = **+5.85%**


## CARATTERISTICHE / MAIN FEATURES

  220 V<sub>~</sub> 240 |  -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 / CRI >80 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  **A++**

## CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9006
8033		PR	3 = 3000°K (CRI >80)	130	GL = on/off	
		AR	4 = 4000°K (CRI >80)	150	GM = 1-10v	
		RR	5 = 5000°K (CRI >80)	200	GD = dali	
			6 = 6500°K (CRI >80)	230	G1 = em. 1h	
			7 = 5700°K (CRI >90)	240	GV = vetro infrangibile / shatterproof glass	
			8 = 4000°K (CRI >70)	280	GA = vetro acidato / etched glass	

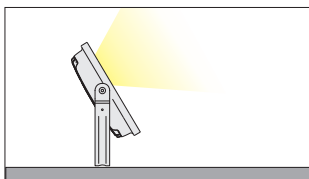
## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 7015
8033		PR	3 = 3000°K (CRI >80)	130	EL = on/off	
		AR	4 = 4000°K (CRI >80)	150	LM = 1-10v	
		RR	5 = 5000°K (CRI >80)	200	LD = dali	
			6 = 6500°K (CRI >80)	230	E1 = em. 1h	
			7 = 5700°K (CRI >90)	240	VI = vetro infrangibile / shatterproof glass	
			8 = 4000°K (CRI >70)	280	VA = vetro acidato / etched glass	



## INSTALLAZIONE / INSTALLATION

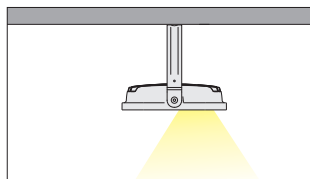
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

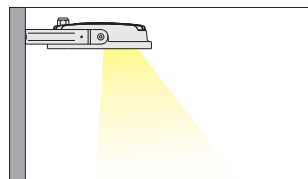
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

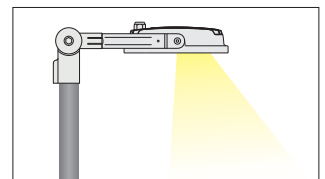
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation


Installazione a palo  
Pole installation

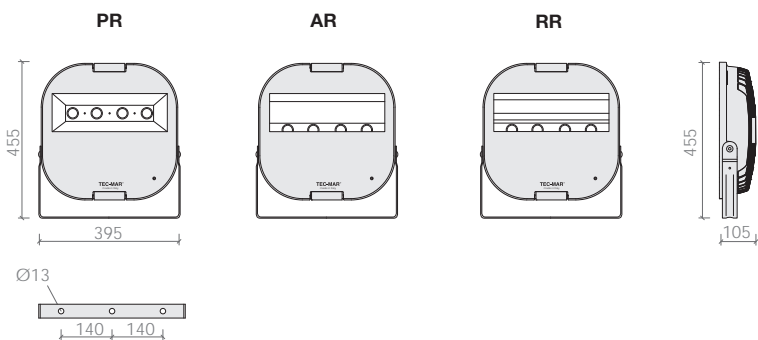


Apparecchio adatto per installazione su palo Ø60mm (ACC90-91)

Top pole installation Ø60mm (ACC090-091)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	395	105	455	8,7	0,024	50
<b>D2</b>	395	105	455	9,0	0,024	50





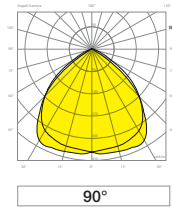
## Mod. PR

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
130	4000K - CRI>80	3	22411	17997	138	250W JM/SAP	D1
150	4000K - CRI>80	3	24880	19979	133	250W JM/SAP	D1
200	4000K - CRI>80	4	35331	28372	142	400W JM/SAP	D1
230	4000K - CRI>80	4	39530	31744	138	400W JM/SAP	D1
240	4000K - CRI>80	4	41208	33091	138	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	37475	134	600W SAP	D2



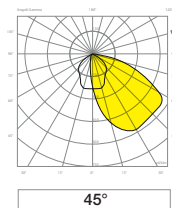
## Mod. AR

### Optica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
130	4000K - CRI>80	3	22411	16938	130	250W JM/SAP	D1
150	4000K - CRI>80	3	24880	18804	125	250W JM/SAP	D1
200	4000K - CRI>80	4	35331	26703	134	400W JM/SAP	D1
230	4000K - CRI>80	4	39530	29876	130	400W JM/SAP	D1
240	4000K - CRI>80	4	41208	31144	130	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	35271	126	600W SAP	D2

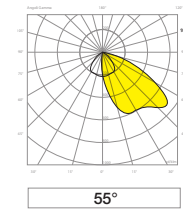
## Mod. RR

### Ottica

Riflettore asimmetrico 55° in alluminio satinato

### Optic

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
130	4000K - CRI>80	3	22411	16091	124	250W JM/SAP	D1
150	4000K - CRI>80	3	24880	17864	119	250W JM/SAP	D1
200	4000K - CRI>80	4	35331	25368	127	400W JM/SAP	D1
230	4000K - CRI>80	4	39530	28382	123	400W JM/SAP	D1
240	4000K - CRI>80	4	41208	29587	123	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	33507	120	600W SAP	D2

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

**ACC090** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.

**ACC091** Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm. Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.

**ACC031** Griglia di protezione 385 x 385 mm. 385 x 385 mm protection grid.



# LORD 4

Proiettore per interni ed esterni. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3

**Dotazione**  
Cablaggio esterno tramite connettore rapido IP66.

**Equipment**  
External wiring via IP66 rapid connector.



■ RAL 9006

■ RAL 7015

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >70) = **+5.56%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 5700°K (CRI >90) = **-12.53%**  
 6500°K (CRI >80) = **+0.00%**

## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | A++

## CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 9006
8032		PR	3 = 3000°K (CRI >80)	150	GL = on/off	
		CR	4 = 4000°K (CRI >80)	175	GM = 1-10v	
		AR	5 = 5000°K (CRI >80)	200	GD = dali	
			6 = 6500°K (CRI >80)	230	G1 = em. 1h	
			7 = 5700°K (CRI >90)	240	GV = vetro infrangibile / shatterproof glass	
			8 = 4000°K (CRI >70)	280	GA = vetro acidato / etched glass	
				300		
				318		

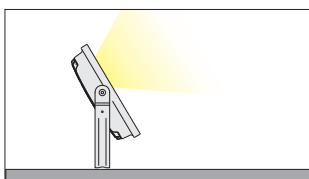
## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options	RAL 7015
8032		PR	3 = 3000°K (CRI >80)	150	EL = on/off	
		CR	4 = 4000°K (CRI >80)	175	LM = 1-10v	
		AR	5 = 5000°K (CRI >80)	200	LD = dali	
			6 = 6500°K (CRI >80)	230	E1 = em. 1h	
			7 = 5700°K (CRI >90)	240	VI = vetro infrangibile / shatterproof glass	
			8 = 4000°K (CRI >70)	280	VA = vetro acidato / etched glass	
				300		
				318		



## INSTALLAZIONE / INSTALLATION

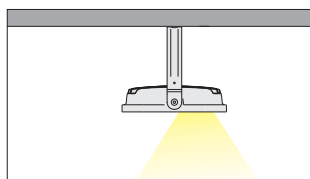
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

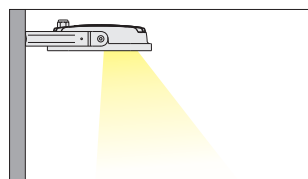
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

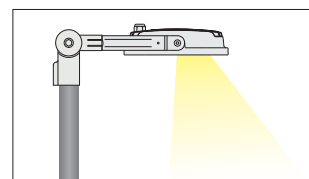
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation


Installazione a palo  
Pole installation

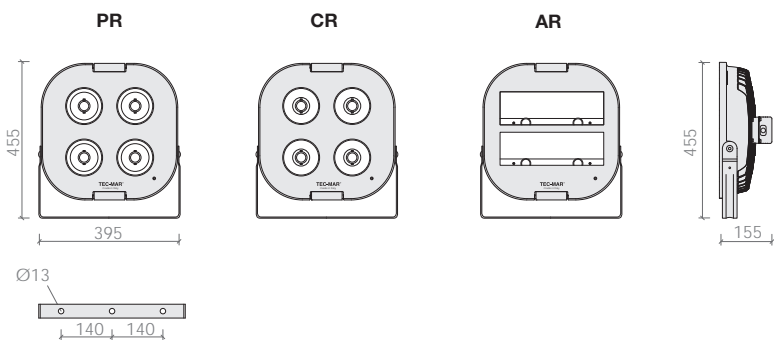


Apparecchio adatto per installazione su palo Ø60mm (ACC90-91)

Top pole installation Ø60mm (ACC090-091)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	395	155	455	8,7	0,024	50
<b>D2</b>	395	155	455	9,1	0,024	50





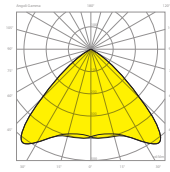
## Mod. PR

### Optica

Riflettore simmetrico 110° in alluminio satinato

### Optic

110° wide beam matt satin aluminium reflector



110°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
150	4000K - CRI>80	4	28405	20900	139	250W JM/SAP	D1
175	4000K - CRI>80	4	31898	24711	141	250W JM/SAP	D1
200	4000K - CRI>80	4	35331	27370	137	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	30733	134	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	32101	134	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	36152	129	600W SAP	D2
300	4000K - CRI>80	4	48348	37455	125	600W SAP	D2
318	4000K - CRI>80	4	55430	43381	136	600W SAP	D2



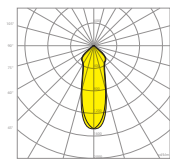
## Mod. CR

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



29°

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
150	4000K - CRI>80	4	28405	20773	138	250W JM/SAP	D1
175	4000K - CRI>80	4	31898	24560	140	250W JM/SAP	D1
200	4000K - CRI>80	4	35331	27203	136	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	30546	133	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	31905	133	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	35932	128	600W SAP	D2
300	4000K - CRI>80	4	48348	37226	124	600W SAP	D2
318	4000K - CRI>80	4	55430	43116	136	600W SAP	D2



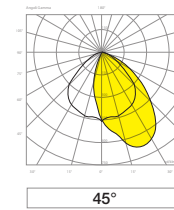
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

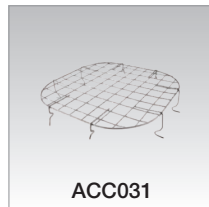
### Optic

45° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
150	4000K - CRI>80	4	28405	20391	136	250W JM/SAP	D1
175	4000K - CRI>80	4	31898	24108	138	250W JM/SAP	D1
200	4000K - CRI>80	4	35331	26703	134	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	29984	130	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	31318	130	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	35271	126	600W SAP	D2
300	4000K - CRI>80	4	48348	36541	122	600W SAP	D2
318	4000K - CRI>80	4	55430	42323	133	600W SAP	D2

## ACCESSORI / ACCESSORIES



- ACC090** Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.  
Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.
- ACC091** Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm.  
Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC031** Griglia di protezione 385 x 385 mm.  
385 x 385 mm protection grid.



# LORD 5

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio trafilato ossidato silver, staffa zincata, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Silver Extruded oxidate aluminium body, zinc-coated bracket, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3



**Dotazione**  
Cablaggio esterno tramite connettore rapido IP66.

**Equipment**  
External wiring via IP66 rapid connector.



RAL 9006

## Δ LUMEN

3000°K (CRI >70) = **-5.28%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.90%**  
 5700°K (CRI >90) = **-18.14%**  
 6500°K (CRI >80) = **+5.58%**

## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> | -25°C | IP65 | IK08 | RGO | CRI >70 | 3 step | <7% LOW | L80-B20 | L80-B50 | |

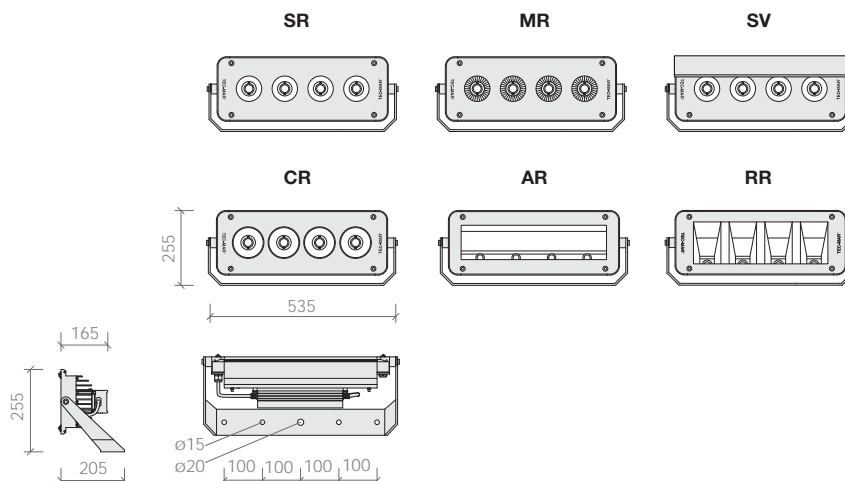
240 | +45°C | | | | | CRI >90 | MacAdam | flicker | >50.000h | >75.000h

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
8055		MR	3 = 3000°K (CRI >70)		320	GL = on/off
		CR	4 = 4000°K (CRI >70)			GM = 1-10v
		SR	5 = 5000°K (CRI >70)			GD = dali
		AR	6 = 6500°K (CRI >80)			GV = vetro infrangibile / shatterproof glass
		RR	7 = 5700°K (CRI >90)			GA = vetro acidato / acid-etched glass
		SV				

## DIMENSIONI / DIMENSIONS

D1	A	B	C	D	Kg	mc		
	535	165	255	205	10,0	0,029	30	0,136 m <sup>2</sup>



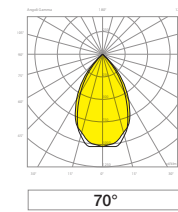
## Mod. MR

### Optica

Riflettore simmetrico 70° in alluminio satinato

### Optic

70° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	4	50175	41729	130	600W SAP	D1

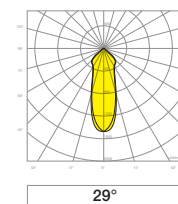
## Mod. CR

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	4	50175	43601	136	600W SAP	D1



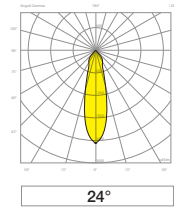
## Mod. SR

### Ottica

Riflettore concentrante 24° in alluminio satinato

### Optic

24° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	4	50175	43066	135	600W SAP	D1



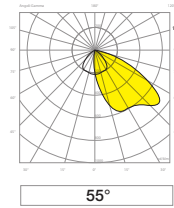
## Mod. AR

### Ottica

Riflettore asimmetrico 55° in alluminio satinato

### Optic

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	4	50175	42799	134	600W SAP	D1

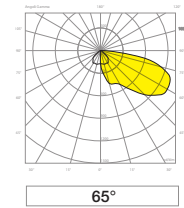
## Mod. RR

### Ottica

Riflettore asimmetrico 65° in alluminio satinato

### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	4	50175	41194	129	600W SAP	D1

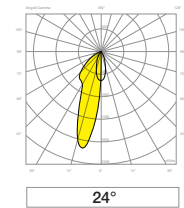
## Mod. SV

### Ottica

Riflettore concentrante 24° in alluminio satinato. Visiera con sistema anti-inquinamento luminoso in lamiera d'acciaio verniciato a colore.

### Optic

24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
320	4000K - CRI>70	4	50175	30868	96	600W SAP	D1

## ACCESSORI / ACCESSORIES



**ACC092** Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor for concentrated beams with inclination <70°.

**ACC136** Cannocchiale di puntamento 4x32 per proiettori. 4x32 aiming scope for projectors.

**ACC137** Laser di puntamento diurno e notturno per proiettori. Day and night aiming laser for projectors.

# LORD 5 HP

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio trafilato ossidato silver, staffa zincata, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Silver Extruded oxidate aluminium body, zinc-coated bracket, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3



### Dotazione

Cablaggio esterno tramite box di derivazione IP68.

### Equipment

External wiring via IP68 junction box.



### Δ LUMEN

3000°K (CRI >70) = **-5.28%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.90%**  
 5700°K (CRI >90) = **-18.14%**  
 6500°K (CRI >80) = **-5.58%**

## CARATTERISTICHE / MAIN FEATURES

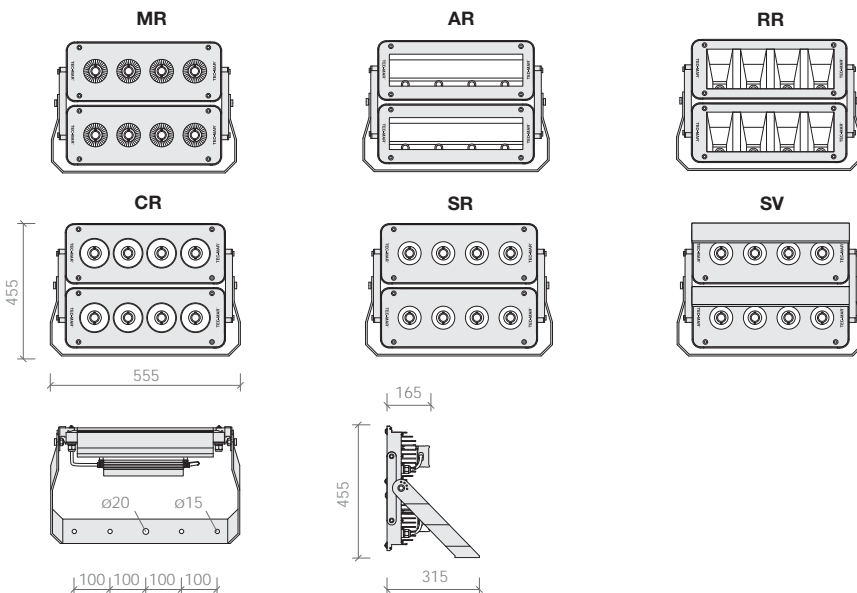
LED | CE | 220-240 V<sub>~</sub> | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >70 / CRI >90 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
8054		MR	3 = 3000°K (CRI >70)	500	GL = on/off
		CR	4 = 4000°K (CRI >70)	600	GM = 1-10v
		SR	5 = 5000°K (CRI >70)		GD = dali
		AR	6 = 6500°K (CRI >80)		GV = vetro infrangibile / shatterproof glass
		RR	7 = 5700°K (CRI >90)		GA = vetro acidato / acid-etched glass
		SV			

## DIMENSIONI / DIMENSIONS

**D1** | A: 600 | B: 165 | C: 455 | D: 315 | Kg: 22,2 | mc: 0,089 | 30 | 0,273 m<sup>2</sup>



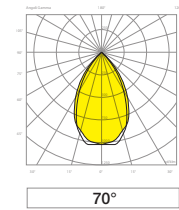
## Mod. MR

### Ottica

Riflettore simmetrico 70° in alluminio satinato

### Optic

70° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
500	4000K - CRI>70	4+4	80728	67406	135	1000W JM/SAP	D1
600	4000K - CRI>70	4+4	93879	78180	130	1000W JM/SAP	D1



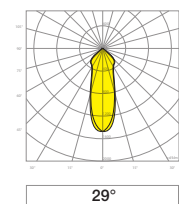
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
500	4000K - CRI>70	4+4	80728	70431	141	1000W JM/SAP	D1
600	4000K - CRI>70	4+4	93879	81688	136	1000W JM/SAP	D1



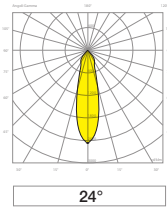
## Mod. SR

**Ottica**

Riflettore concentrante 24° in alluminio satinato

**Optic**

24° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
500	4000K - CRI>70	4+4	80728	69567	139	1000W JM/SAP	D1
600	4000K - CRI>70	4+4	93879	80685	134	1000W JM/SAP	D1



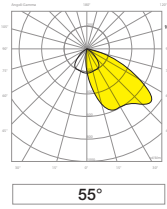
## Mod. AR

**Ottica**

Riflettore asimmetrico 55° in alluminio satinato

**Optic**

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
500	4000K - CRI>70	4+4	80728	69135	138	1000W JM/SAP	D1
600	4000K - CRI>70	4+4	93879	80184	134	1000W JM/SAP	D1

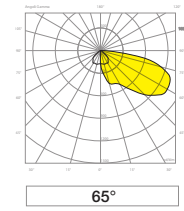
## Mod. RR

### Ottica

Riflettore asimmetrico 65° in alluminio satinato

### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
500	4000K - CRI>70	4+4	80728	66542	133	1000W JM/SAP	D1
600	4000K - CRI>70	4+4	93879	77177	129	1000W JM/SAP	D1

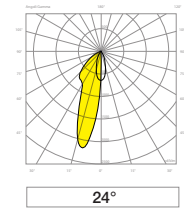
## Mod. SV

### Ottica

Riflettore concentrante 24° in alluminio satinato. Visiera con sistema anti-inquinamento luminoso in lamiera d'acciaio verniciato a colore.

### Optic

24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
500	4000K - CRI>70	4+4	80728	49863	100	1000W JM/SAP	D1
600	4000K - CRI>70	4+4	93879	57833	96	1000W JM/SAP	D1

## ACCESSORI / ACCESSORIES



**ACC093** Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor kit for concentrated beams with inclination <70°.

**ACC136** Cannocchiale di puntamento 4x32 per proiettori. 4x32 aiming scope for projectors.

**ACC137** Laser di puntamento diurno e notturno per proiettori. Day and night aiming laser for projectors.



# MAXI-LORD

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio trafilato ossidato silver, staffa zincata, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Silver Extruded oxidate aluminium body, zinc-coated bracket, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



**Ball Test**  
DIN 18032-3



## Dotazione

Cablaggio esterno tramite box di derivazione IP68.

## Equipment

External wiring via IP68 junction box.



## Δ LUMEN

3000°K (CRI >70) = **-5.28%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.90%**  
 5700°K (CRI >90) = **-18.14%**  
 6500°K (CRI >80) = **-5.58%**

## CARATTERISTICHE / MAIN FEATURES

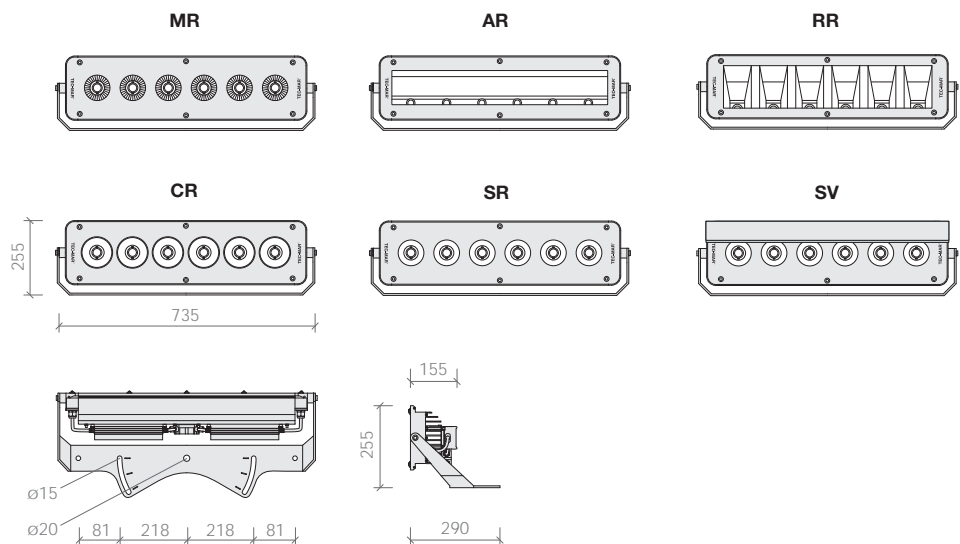
220 V<sub>≈</sub> 240 | -25°C | +45°C | IP65 | IK08 | RG0 | CRI >70 | CRI >90 | 3 step MacAdam | <7% flicker | LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
8056		MR	3 = 3000°K (CRI >70)	370	GL = on/off
		CR	4 = 4000°K (CRI >70)	380	GM = 1-10v
		SR	5 = 5000°K (CRI >70)	450	GD = dali
		AR	6 = 6500°K (CRI >80)		G4 = input 400Vac
		RR	7 = 5700°K (CRI >90)		GV = vetro infrangibile / shatterproof glass
		SV			GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

	A	B	C	D	Kg	mc		
<b>D1</b>	735	155	255	290	15,0	0,029	30	0,151 m <sup>2</sup>



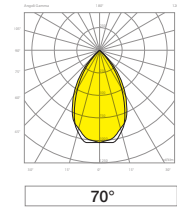
## Mod. MR

### Ottica

Riflettore simmetrico 70° in alluminio satinato

### Optic

70° wide beam matt satin aluminium reflector



70°

W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
370	4000K - CRI>70	6	62663	52362	142	1000W JM	D1
380	4000K - CRI>70	6	59811	50554	133	1000W JM	D1
450	4000K - CRI>70	6	73919	58960	131	1000W JM/SAP	D1



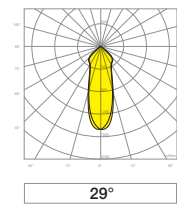
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



29°

W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
370	4000K - CRI>70	6	62663	54711	148	1000W JM	D1
380	4000K - CRI>70	6	59811	52823	139	1000W JM	D1
450	4000K - CRI>70	6	73919	61606	137	1000W JM/SAP	D1



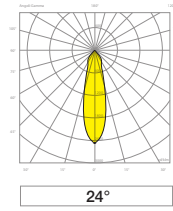
## Mod. SR

### Ottica

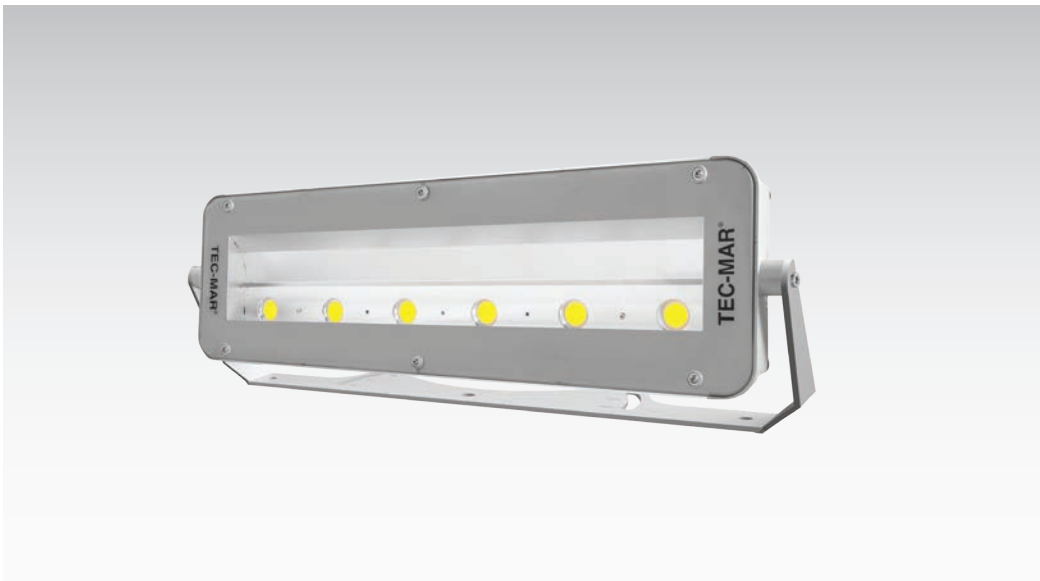
Riflettore concentrante 24° in alluminio satinato

### Optic

24° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
370	4000K - CRI>70	6	62663	54040	146	1000W JM	D1
380	4000K - CRI>70	6	59811	52175	137	1000W JM	D1
450	4000K - CRI>70	6	73919	60850	135	1000W JM/SAP	D1



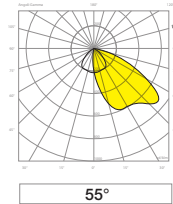
## Mod. AR

### Ottica

Riflettore asimmetrico 55° in alluminio satinato

### Optic

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
370	4000K - CRI>70	6	62663	53704	145	1000W JM	D1
380	4000K - CRI>70	6	59811	51851	136	1000W JM	D1
450	4000K - CRI>70	6	73919	60472	134	1000W JM/SAP	D1

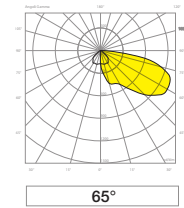
## Mod. RR

### Ottica

Riflettore asimmetrico 65° in alluminio satinato

### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
370	4000K - CRI>70	6	62663	51690	140	1000W JM	D1
380	4000K - CRI>70	6	59811	49906	131	1000W JM	D1
450	4000K - CRI>70	6	73919	58205	129	1000W JM/SAP	D1

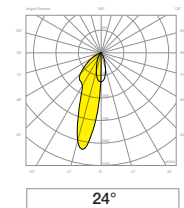
## Mod. SV

### Ottica

Riflettore concentrante 24° in alluminio satinato. Visiera con sistema anti-inquinamento luminoso in lamiera d'acciaio verniciato a colore.

### Optic

24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
370	4000K - CRI>70	6	62663	38734	105	1000W JM	D1
380	4000K - CRI>70	6	59811	37397	98	1000W JM	D1
450	4000K - CRI>70	6	73919	43616	97	1000W JM/SAP	D1

## ACCESSORI / ACCESSORIES



**ACC094** Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor for concentrated beams with inclination <70°.

**ACC136** Cannocchiale di puntamento 4x32 per proiettori. 4x32 aiming scope for projectors.

**ACC137** Laser di puntamento diurno e notturno per proiettori. Day and night aiming laser for projectors.

# MEGA-LORD

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio trafilato ossidato silver, staffa zincata, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, gruppo di alimentazione elettronico quattro canali 230V in remoto. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Silver Extruded oxidate aluminium body, zinc-coated bracket, 4 mm thick tempered transparent glass, silicon gasket, remote electronic ballast box 230V four channel. Manufactured in accordance with EN / IEC 60598-1:2018.

 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



Driver box



Driver on-board version

## Dotazione

Cablaggio esterno tramite box di derivazione IP68.

## Equipment

External wiring via IP68 junction box.



## Δ LUMEN

3000°K (CRI >70) = **-5.28%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.90%**  
 5700°K (CRI >90) = **-18.14%**  
 6500°K (CRI >80) = **-5.58%**




## CARATTERISTICHE / MAIN FEATURES

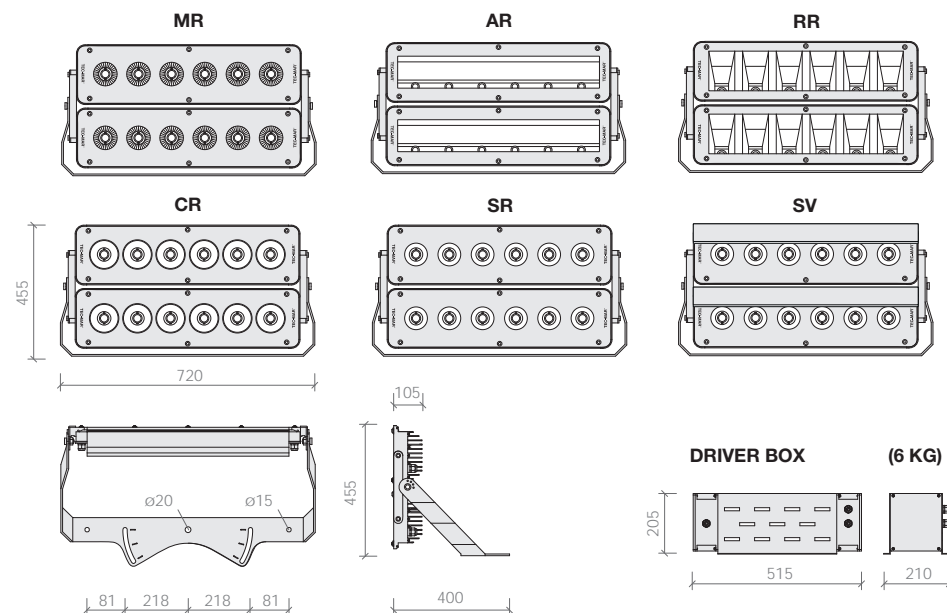
  | 220 V<sub>~</sub> | -25°C | IP65 | IK08 | RG0 | CRI >70 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
8057		MR	3 = 3000°K (CRI >70)	600	GR = on/off
		CR	4 = 4000°K (CRI >70)	900	GL = driver on-board (28Kg)
		SR	5 = 5000°K (CRI >70)	940	GM = 1-10v
		AR	6 = 6500°K (CRI >80)		GD = dali
		RR	7 = 5700°K (CRI >90)		G4 = input 400Vac
		SV			GV = vetro infrangibile / shatterproof glass GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

	A	B	C	D	Kg	mc		
<b>D1</b>	720	105	455	400	21,0	0,060	12	0,309 m <sup>2</sup>
<b>D2</b>	720	105	455	400	23,0	0,058	12	0,309 m <sup>2</sup>



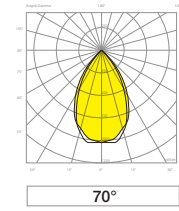
## Mod. MR

### Optica

Riflettore simmetrico 70° in alluminio satinato

### Optic

70° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	6+6	98507	82674	138	2000W JM	D1
900	4000K - CRI>70	6+6	140818	119778	133	2000W JM	D2
940	4000K - CRI>70	6+6	145585	121243	129	2000W JM/SAP	D2



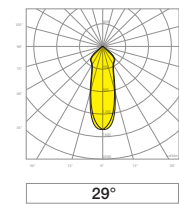
## Mod. CR

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



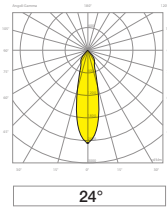
W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	6+6	98507	86384	144	2000W JM	D1
900	4000K - CRI>70	6+6	140818	125153	139	2000W JM	D2
940	4000K - CRI>70	6+6	145585	126683	135	2000W JM/SAP	D2



### Mod. SR

**Ottica**  
Riflettore concentrante 24° in alluminio satinato

**Optic**  
24° narrow beam matt satin aluminium reflector



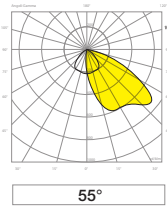
W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	6+6	98507	85324	142	2000W JM	D1
900	4000K - CRI>70	6+6	140818	123617	137	2000W JM	D2
940	4000K - CRI>70	6+6	145585	125129	133	2000W JM/SAP	D2



### Mod. AR

**Ottica**  
Riflettore asimmetrico 55° in alluminio satinato

**Optic**  
55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	6+6	98507	84794	141	2000W JM	D1
900	4000K - CRI>70	6+6	140818	122849	136	2000W JM	D2
940	4000K - CRI>70	6+6	145585	124352	132	2000W JM/SAP	D2



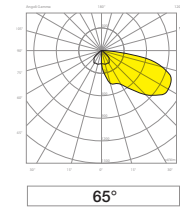
## Mod. RR

### Ottica

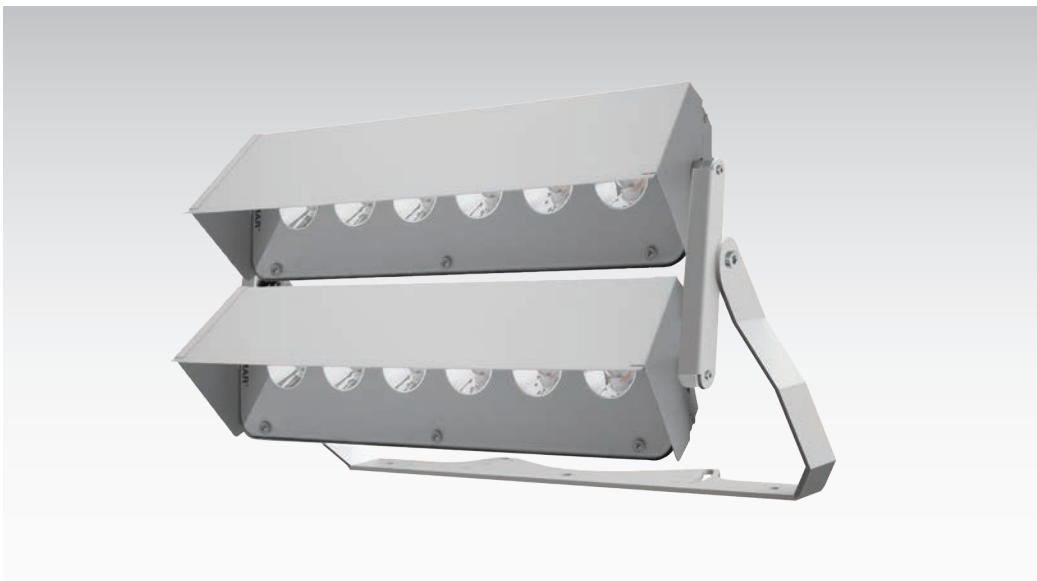
Riflettore asimmetrico 65° in alluminio satinato

### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	6+6	98507	81614	136	2000W JM	D1
900	4000K - CRI>70	6+6	140818	118242	131	2000W JM	D2
940	4000K - CRI>70	6+6	145585	119688	127	2000W JM/SAP	D2



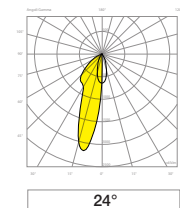
## Mod. SV

### Ottica

Riflettore concentrante 24° in alluminio satinato. Visiera con sistema anti-inquinamento luminoso in lamiera d'acciaio verniciato a colore.

### Optic

24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	6+6	98507	61157	102	2000W JM	D1
900	4000K - CRI>70	6+6	140818	88605	98	2000W JM	D2
940	4000K - CRI>70	6+6	145585	89688	95	2000W JM/SAP	D2

## ACCESSORI / ACCESSORIES



**ACC095** Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor kit for concentrated beams with inclination <70°.

**ACC136** Cannocchiale di puntamento 4x32 per proiettori. 4x32 aiming scope for projectors.


**ACC137** Laser di puntamento diurno e notturno per proiettori. Day and night aiming laser for projectors.



# IPER-LORD

Proiettore per interni ed esterni adatto per l'illuminazione di grandi aree ed impianti sportivi. Corpo in alluminio trafilato ossidato silver, staffa zincata, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, gruppo di alimentazione elettronico sei canali 230V in remoto. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight, suitable for large areas and sports areas. Silver Extruded oxidate aluminium body, zinc-coated bracket, 4 mm thick tempered transparent glass, silicon gasket, remote electronic ballast box 230V six channel. Manufactured in accordance with EN / IEC 60598-1:2018.

 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



Driver box



Driver on-board version

## Dotazione

Cablaggio esterno tramite box di derivazione IP68.

## Equipment

External wiring via IP68 junction box.



## Δ LUMEN

3000°K (CRI >70) = **-5.28%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.90%**  
 5700°K (CRI >90) = **-18.14%**  
 6500°K (CRI >70) = **-5.58%**





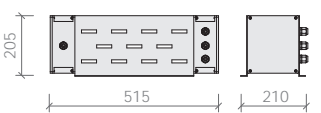
## CARATTERISTICHE / MAIN FEATURES

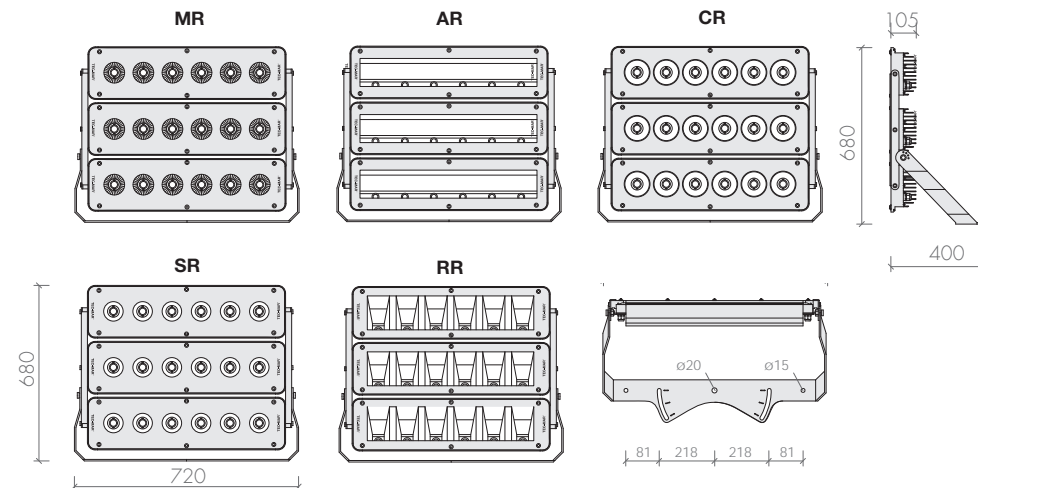
  220 V<sub>~</sub> | -25°C | IP65 | IK08 | RGO | CRI >70 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  **A++**

## CODIFICA / CODING

Art.	+ Mod.	+ °K (CRI)	+ W. tot.	+ Options
8059	MR	3 = 3000°K (CRI >70)	100 = 1000W	GR = on/off
	CR	4 = 4000°K (CRI >70)	110 = 1100W	GL = driver on-board (38Kg)
	SR	5 = 5000°K (CRI >70)	120 = 1200W	GM = 1-10v
	AR	6 = 6500°K (CRI >80)	135 = 1350W	GD = dali
	RR	7 = 5700°K (CRI >90)	140 = 1400W	G4 = input 400Vac
	SV			GV = vetro infrangibile / shatterproof glass GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

D1	A	B	C	D	Kg	mc			DRIVER BOX (10 KG)
	720	105	680	400	28,5	0,112	10	0,468 m <sup>2</sup>	





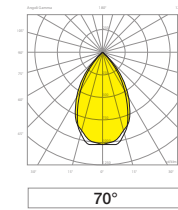
## Mod. MR

### Ottica

Riflettore simmetrico 70° in alluminio satinato

### Optic

70° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1000	4000K - CRI>70	6+6+6	162886	136186	136	2000W JM/SAP	D1
1100	4000K - CRI>70	6+6+6	177958	148590	135	2000W JM/SAP	D1
1200	4000K - CRI>70	6+6+6	189225	157786	131	2000W JM/SAP	D1
1350	4000K - CRI>70	6+6+6	218528	176457	131	2000W JM/SAP	D1
1400	4000K - CRI>70	6+6+6	223223	181854	130	2000W JM/SAP	D1



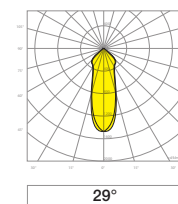
## Mod. CR

### Ottica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1000	4000K - CRI>70	6+6+6	162886	142297	142	2000W JM/SAP	D1
1100	4000K - CRI>70	6+6+6	177958	155258	141	2000W JM/SAP	D1
1200	4000K - CRI>70	6+6+6	189225	164867	137	2000W JM/SAP	D1
1350	4000K - CRI>70	6+6+6	218528	184375	137	2000W JM/SAP	D1
1400	4000K - CRI>70	6+6+6	223223	188985	135	2000W JM/SAP	D1



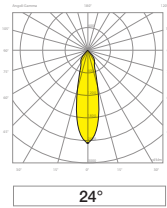
## Mod. SR

**Ottica**

Riflettore concentrante 24° in alluminio satinato

**Optic**

24° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1000	4000K - CRI>70	6+6+6	162886	140551	141	2000W JM/SAP	D1
1100	4000K - CRI>70	6+6+6	177958	153353	139	2000W JM/SAP	D1
1200	4000K - CRI>70	6+6+6	189225	162844	136	2000W JM/SAP	D1
1350	4000K - CRI>70	6+6+6	218528	182113	135	2000W JM/SAP	D1
1400	4000K - CRI>70	6+6+6	223223	186608	133	2000W JM/SAP	D1



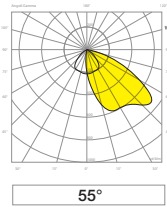
## Mod. AR

**Ottica**

Riflettore asimmetrico 55° in alluminio satinato

**Optic**

55° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1000	4000K - CRI>70	6+6+6	162886	139678	140	2000W JM/SAP	D1
1100	4000K - CRI>70	6+6+6	177958	152400	139	2000W JM/SAP	D1
1200	4000K - CRI>70	6+6+6	189225	161832	135	2000W JM/SAP	D1
1350	4000K - CRI>70	6+6+6	218528	180982	134	2000W JM/SAP	D1
1400	4000K - CRI>70	6+6+6	223223	184231	132	2000W JM/SAP	D1

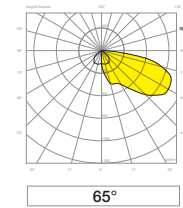
## Mod. RR

### Ottica

Riflettore asimmetrico 65° in alluminio satinato

### Optic

65° asymmetric beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1000	4000K - CRI>70	6+6+6	162886	134440	134	2000W JM/SAP	D1
1100	4000K - CRI>70	6+6+6	177958	146685	133	2000W JM/SAP	D1
1200	4000K - CRI>70	6+6+6	189225	155764	130	2000W JM/SAP	D1
1350	4000K - CRI>70	6+6+6	218528	174195	129	2000W JM/SAP	D1
1400	4000K - CRI>70	6+6+6	223223	178288	127	2000W JM/SAP	D1

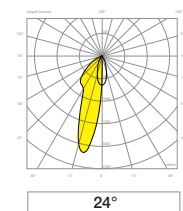
## Mod. SV

### Ottica

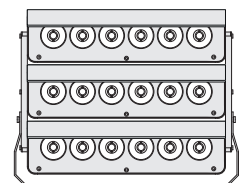
Riflettore concentrante 24° in alluminio satinato. Visiera con sistema anti-inquinamento luminoso in lamiera d'acciaio verniciato a colore.

### Optic

24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.



W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1000	4000K - CRI>70	6+6+6	162886	100743	101	2000W JM/SAP	D1
1100	4000K - CRI>70	6+6+6	177958	109919	100	2000W JM/SAP	D1
1200	4000K - CRI>70	6+6+6	189225	116721	97	2000W JM/SAP	D1
1350	4000K - CRI>70	6+6+6	218528	130533	97	2000W JM/SAP	D1
1400	4000K - CRI>70	6+6+6	223223	137163	98	2000W JM/SAP	D1



## ACCESSORI / ACCESSORIES



**ACC096** Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor kit for concentrated beams with inclination <70°.

**ACC136** Cannocchiale di puntamento 4x32 per proiettori. 4x32 aiming scope for projectors.

**ACC137** Laser di puntamento diurno e notturno per proiettori. Day and night aiming laser for projectors.

# LITTLE-PRINCE

Proiettore per interni ed esterni. Corpo in alluminio trafilato ossidato, tappi laterali in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Outdoor and indoor floodlight. Extruded oxidate aluminium die cast aluminium cap, coated with polyester anticorrosion powder, silver color, m body, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.

### Equipment

1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



RAL 9006

### Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**



## CARATTERISTICHE / MAIN FEATURES

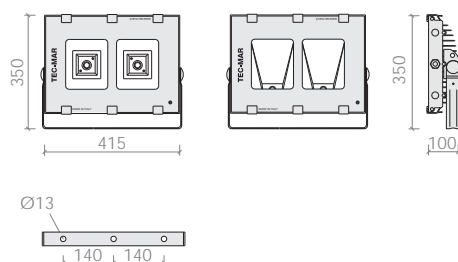
LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8061		PR	3	= 3000°K (CRI >80)	058		EL	= on/off
		AR	4	= 4000°K (CRI >80)	080		LM	= 1-10v
			5	= 5000°K (CRI >80)	115		LD	= dali
							VI	= vetro infrangibile shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	415	100	350	6,5	0,022	40

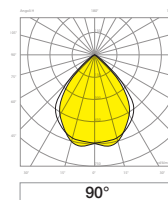




## Mod. PR

**Ottica** Riflettore simmetrico 90° in alluminio satinato

**Optic** 90° wide beam matt satin aluminium reflector



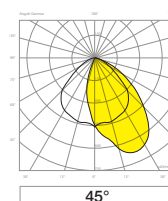
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
58	2	4000	9113	7297	126	500W ALO	D1
80	2	4000	12420	9973	125	150W JM/SAP	D1
115	2	4000	18682	15002	130	250W JM	D1



## Mod. AR

**Ottica** Riflettore asimmetrico 45° in alluminio satinato

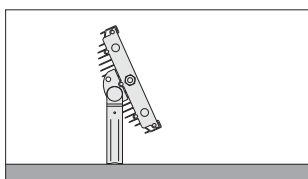
**Optic** 45° asymmetric beam matt satin aluminium reflector



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
58	2	4000	9113	6868	118	500W ALO	D1
80	2	4000	12420	9387	117	150W JM/SAP	D1
115	2	4000	18682	14120	123	250W JM	D1

## INSTALLAZIONE / INSTALLATION

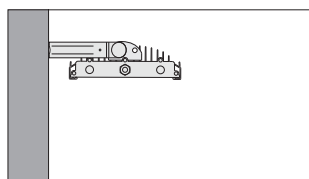
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra.

Suitable luminaire for ground installation

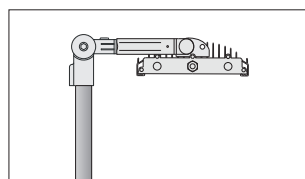
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete. (Staffa inclusa).

Suitable luminaire for wall installation. (Bracket included).

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su pali da Ø 60mm (ACC080).

Suitable luminaire for pole installation. Ø 60mm (ACC080).

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC080** Attacco palo regolabile per proiettori verniciato a colore. Diametro palo 60 mm. Floodlights adjustable pole bracket, color painted. Pole diameter: 60 mm.

# PRINCE

Proiettore per interni ed esterni. Corpo in alluminio trafilato ossidato, tappi laterali in alluminio pressofuso verniciato con polvere termoindurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Extruded oxidate aluminium body, die cast aluminium cap, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Cablaggio esterno tramite connettore rapido IP66.

### Equipment

External wiring via IP66 rapid connector.



RAL 9006

### Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**



## CARATTERISTICHE / MAIN FEATURES

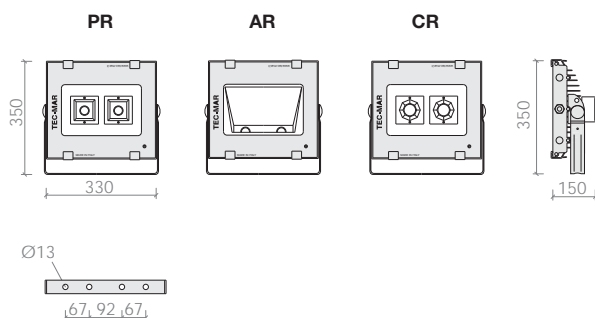
LED | CE | 220/240 V<sub>≈</sub> | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
8095		PR	3 = 3000°K (CRI >80)	120	EL = on/off
		CR	4 = 4000°K (CRI >80)	150	LM = 1-10v
		AR	5 = 5000°K (CRI >80)	185	LD = dali
				200	E1 = em. 1h
					VI = vetro infrangibile / shatterproof glass
					VS = vetro sabbiato / sanded glass

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	330	150	350	6,5	0,022	50



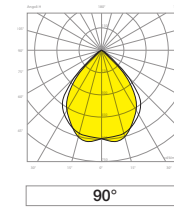
## Mod. PR

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	2	20589	16533	138	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	19721	131	250W SAP/SAP	D1
185	4000K - CRI>80	2	29292	23522	127	400W JM	D1
200	4000K - CRI>80	2	31858	25572	128	400W JM/SAP	D1

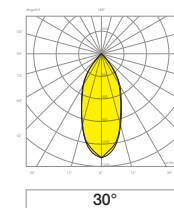
## Mod. CR

### Optica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	2	20589	14977	125	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	17865	119	250W SAP/SAP	D1
185	4000K - CRI>80	2	29292	21308	115	400W JM	D1
200	4000K - CRI>80	2	31858	23165	116	400W JM/SAP	D1





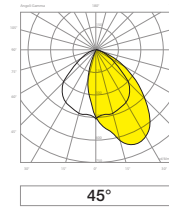
## Mod. AR

### Ottica

Riflettore asimmetrico 45° in alluminio satinato

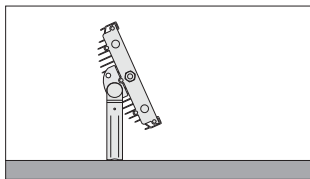
### Optic

45° asymmetric beam matt satin aluminum reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	2	20589	15560	130	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	18561	124	250W SAP/SAP	D1
185	4000K - CRI>80	2	29292	22139	120	400W JM	D1
200	4000K - CRI>80	2	31858	24068	120	400W JM/SAP	D1

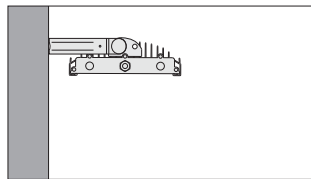
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra.

Suitable luminaire for ground installation

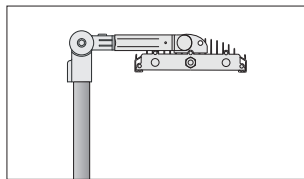
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete. (Staffa inclusa).

Suitable luminaire for wall installation. (Bracket included).

Installazione a palo  
Pole installation



Apparecchio adatto per installazione su pali da Ø 60mm (ACC080).

Suitable luminaire for pole installation. Ø 60mm (ACC080).

ACCESSORI / ACCESSORIES

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**ACC081** Attacco palo regolabile per proiettori verniciato a colore. Diametro palo 60 mm.  
Floodlights adjustable pole bracket, color painted. Pole diameter: 60 mm.

ACC081

# PRINCE 4

Proiettore per interni ed esterni. Corpo in alluminio trafilato ossidato, tappi laterali in alluminio pressofuso verniciato con polvere termoisolante poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Indoor and outdoor floodlight. Extruded oxidate aluminium body, die cast aluminium cap, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220-240 V<sub>~</sub>

 -25°C / +45°C
 | IP65
 | IK08
 | RG0
 | CRI >80
 | 3 step MacAdam
 | <3% flicker FREE
 | L80-B20 >50.000h
 | L80-B50 >75.000h
 |

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+ W. tot.	+ Options
8098		PR	3 = 3000°K (CRI >80)	230	EL = on/off
		CR	4 = 4000°K (CRI >80)	280	LM = 1-10v
		AR	5 = 5000°K (CRI >80)		LD = dali
					E1 = em. 1h
					VI = vetro infrangibile / shatterproof glass
					VS = vetro sabbato / sanded glass

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	330	150	350	6,5	0,022	50
<b>D2</b>	415	150	350	7,5	0,024	40

### Dotazione

Cablaggio esterno tramite connettore rapido IP66.

### Equipment

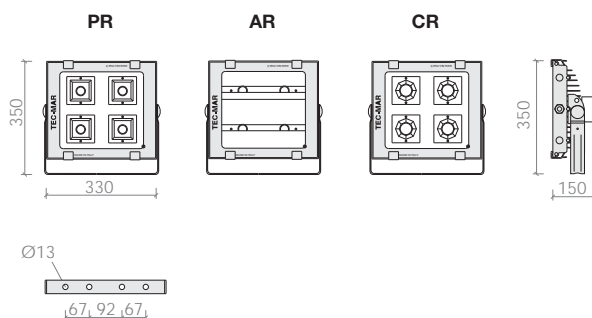
External wiring via IP66 rapid connector.



RAL 9006

### Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**



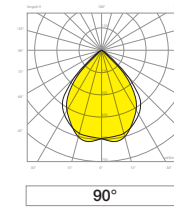
## Mod. PR

### Ottica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
230	4000K - CRI>80	4	39530	31744	138	400W JM/SAP	D1
280	4000K - CRI>80	4	46005	36943	132	600W SAP	D2

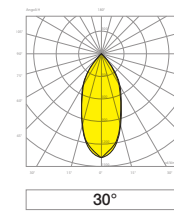
## Mod. CR

### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
230	4000K - CRI>80	4	39530	28756	125	400W JM/SAP	D1
280	4000K - CRI>80	4	46005	33466	120	600W SAP	D2



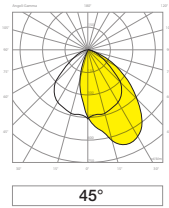
## Mod. AR

**Ottica**

Riflettore asimmetrico 45° in alluminio satinato

**Optic**

45° asymmetric beam matt satin aluminum reflector

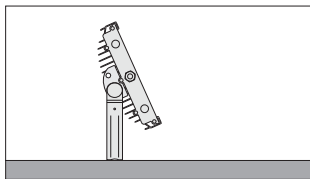


W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
230	4000K - CRI>80	4	39530	29876	130	400W JM/SAP	D1
280	4000K - CRI>80	4	46005	34770	124	600W SAP	D2

## INSTALLAZIONE / INSTALLATION

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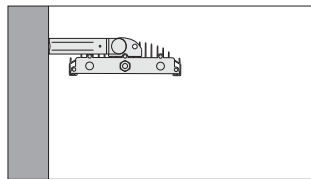
### Installazione a terra Ground installation



Apparecchio adatto per installazione a terra

Ground installation

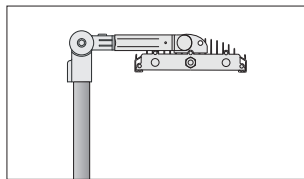
### Installazione a parete Wall installation



Apparecchio adatto per installazione a parete. (Staffa inclusa)

Wall installation. (Bracket included)

### Installazione a palo Pole installation



Apparecchio adatto per installazione su pali da Ø 60mm (ACC080)

Top pole installation. Ø60mm (ACC080)

## ACCESSORI / ACCESSORIES

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**ACC081** Attacco palo regolabile per proiettori verniciato a colore. Diametro palo 60 mm.  
Floodlights adjustable pole bracket, color painted. Pole diameter: 60 mm.

# GIOTTO

Proiettore a led per esterni adatto per l'illuminazione di facciate. Corpo in alluminio trafilato ossidato silver, tappi laterali in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Outdoor led floodlight suitable for facade illumination. Silver extruded oxidate aluminium body, die cast aluminium caps, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES



Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
3001		W1	3	= 3000°K (CRI >80)	007	057	GL	= on/off
		W2	4	= 4000°K (CRI >80)	013	058	GM	= 1-10v
		W3	8	= 3000°K (CRI >90)	014	059	GD	= dali
		W4	9	= 4000°K (CRI >90)	020	072		
		W5			025	073		
		E1			033	075		
					036	090		
					047	120		

### Dotazione


Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1500mm.

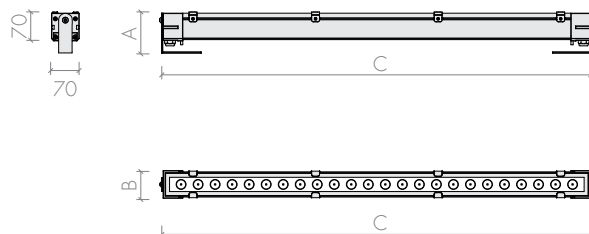
### Equipment

1500mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	110	70	680	3,2	0,006	50
<b>D2</b>	110	70	960	4,2	0,008	50
<b>D3</b>	110	70	1240	5,2	0,011	50
<b>D4</b>	110	70	1520	5,9	0,013	50



### Δ LUMEN

3000°K (CRI >80) =	<b>-6.45%</b>
3000°K (CRI >90) =	<b>-19.36%</b>
4000°K (CRI >80) =	<b>standard</b>
4000°K (CRI >90) =	<b>-12.91%</b>

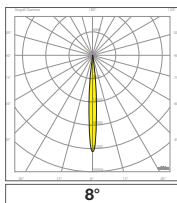


## OTTICHE / OPTICS

### MOD. W1

Ottica spot da 8° in PMMA ad alto rendimento di flusso.

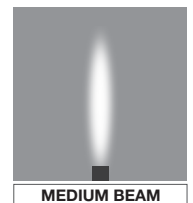
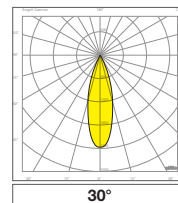
8° spot PMMA high efficiency optic.



### MOD. W4

Ottica media da 30° in PMMA ad alto rendimento di flusso.

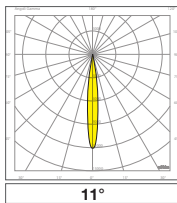
30° medium beam PMMA high efficiency optic.



### MOD. W2

Ottica spot da 11° in PMMA ad alto rendimento di flusso.

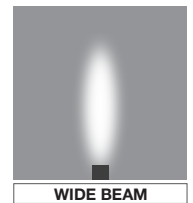
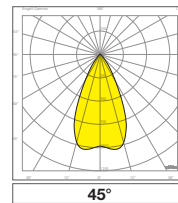
11° spot PMMA high efficiency optic.



### MOD. W5

Ottica diffondente da 45° in PMMA ad alto rendimento di flusso.

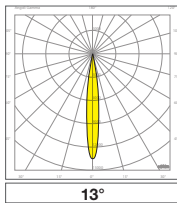
45° wide beam PMMA high efficiency optic.



### MOD. W3

Ottica spot da 13° in PMMA ad alto rendimento di flusso.

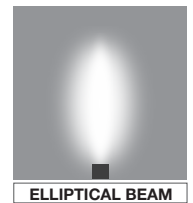
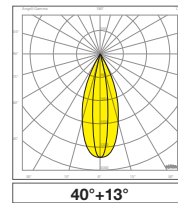
13° spot PMMA high efficiency optic.



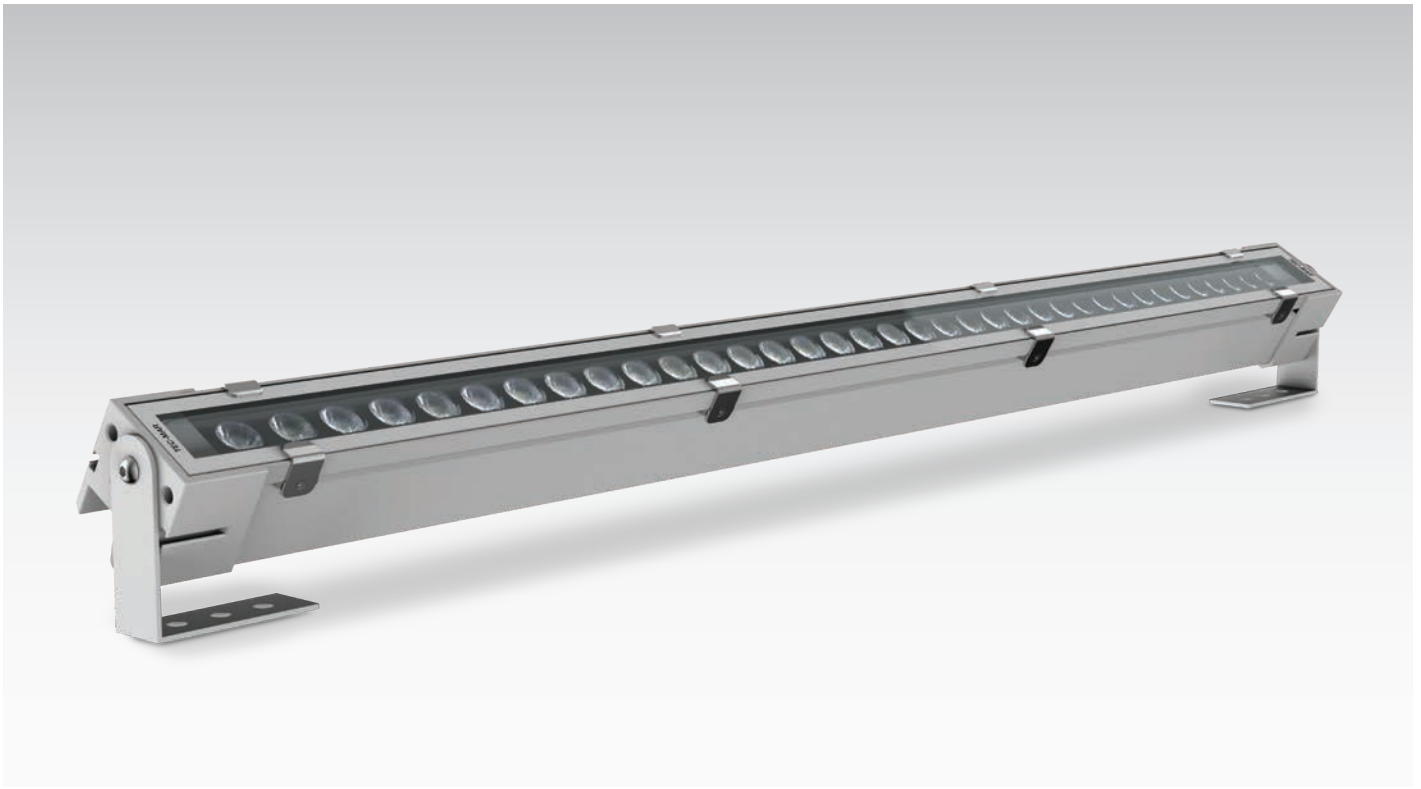
### MOD. E1

Ottica ellittica da 40°x13° in PMMA ad alto rendimento di flusso.

40°+13° elliptical PMMA high efficiency optic.



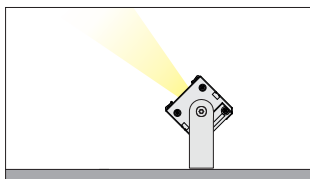




## PRESTAZIONI / PERFORMANCES

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	dimension
7	200	4000K - CRI>80	12	1008	810	116	D1
14	380	4000K - CRI>80	12	1839	1467	105	D1
25	350	4000K - CRI>80	12	2980	2346	94	D1
33	850	4000K - CRI>80	12	3750	2925	89	D1
13	250	4000K - CRI>80	18	1867	1498	115	D2
36	625	4000K - CRI>80	18	4319	3405	95	D2
59	1000	4000K - CRI>80	18	6437	4986	85	D2
72	1200	4000K - CRI>80	18	7454	5718	79	D2
47	625	4000K - CRI>80	24	5758	4539	97	D3
57	750	4000K - CRI>80	24	6745	5286	93	D3
73	925	4000K - CRI>80	24	8049	6256	86	D3
20	225	4000K - CRI>80	30	2818	2263	113	D4
58	620	4000K - CRI>80	30	7147	5636	97	D4
75	775	4000K - CRI>80	30	8670	6787	90	D4
90	925	4000K - CRI>80	30	10061	7820	87	D4
120	1200	4000K - CRI>80	30	12424	9531	79	D4

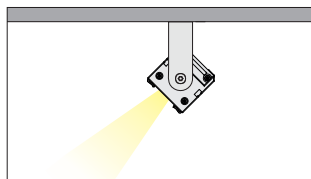
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

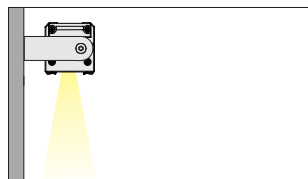
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

ACCESSORI / ACCESSORIES



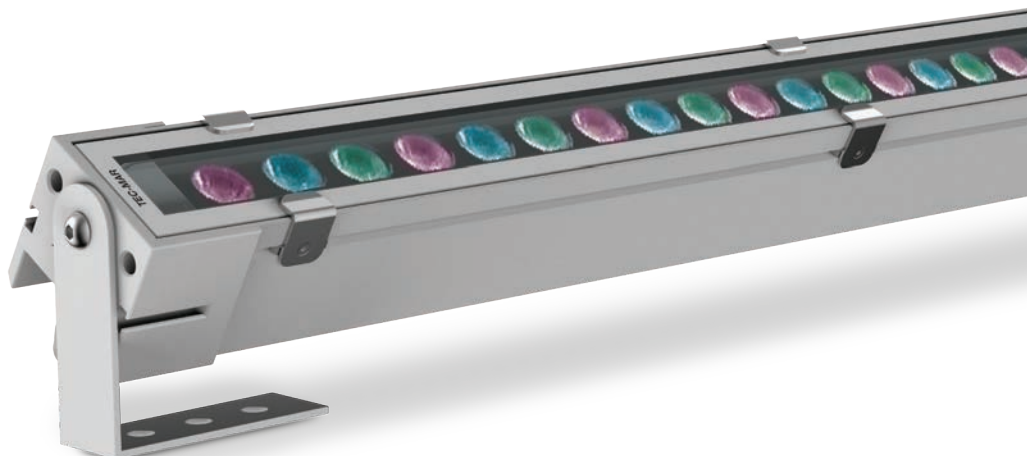
**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

# GIOTTO RGB

Proiettore a led RGB+White per esterni adatto per l'illuminazione scenografica di facciate. Corpo in alluminio trafilato ossidato silver, tappi laterali in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Outdoor RGB+White led floodlight suitable for the scenic lighting of facades. Silver Extruded oxidate aluminium body, die cast aluminium cap, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> / 240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 / CRI >90 | 3 step MacAdam | <7% flicker | L90-B10 >60.000h | L80-B50 >100.000h | A++

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
3002		W1	RW = RGB + white	25	GL = on/off	
		W2		38		
		W3		50		
		E1		60		

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	110	70	680	3,2	0,006	50
<b>D2</b>	110	70	960	4,2	0,008	50
<b>D3</b>	110	70	1240	5,2	0,011	50
<b>D4</b>	110	70	1520	5,9	0,013	50

### Dotazione

Cablaggio esterno tramite connettore rapido IP68.

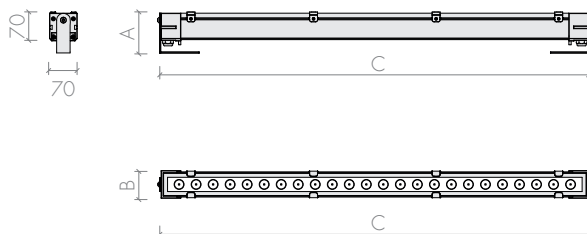
### Equipment

External wiring via rapid connector IP68.



### DRIVER 24V NON INCLUSO

24V DRIVER NOT INCLUDED



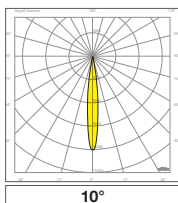


**OTTICHE / OPTICS**

**MOD. W1**

Ottica spot da 10° in PMMA ad alto rendimento di flusso.

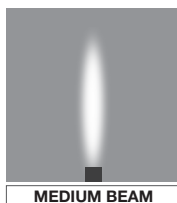
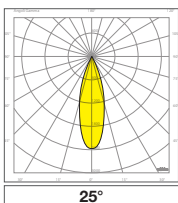
10° spot PMMA high efficiency optic.



**MOD. W2**

Ottica media da 25° in PMMA ad alto rendimento di flusso.

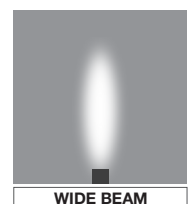
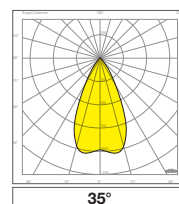
25° medium beam PMMA high efficiency optic.



**MOD. W3**

Ottica diffondente da 35° in PMMA ad alto rendimento di flusso.

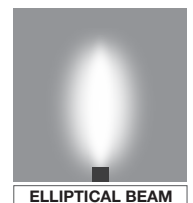
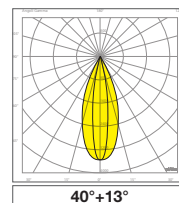
35° wide beam PMMA high efficiency optic.

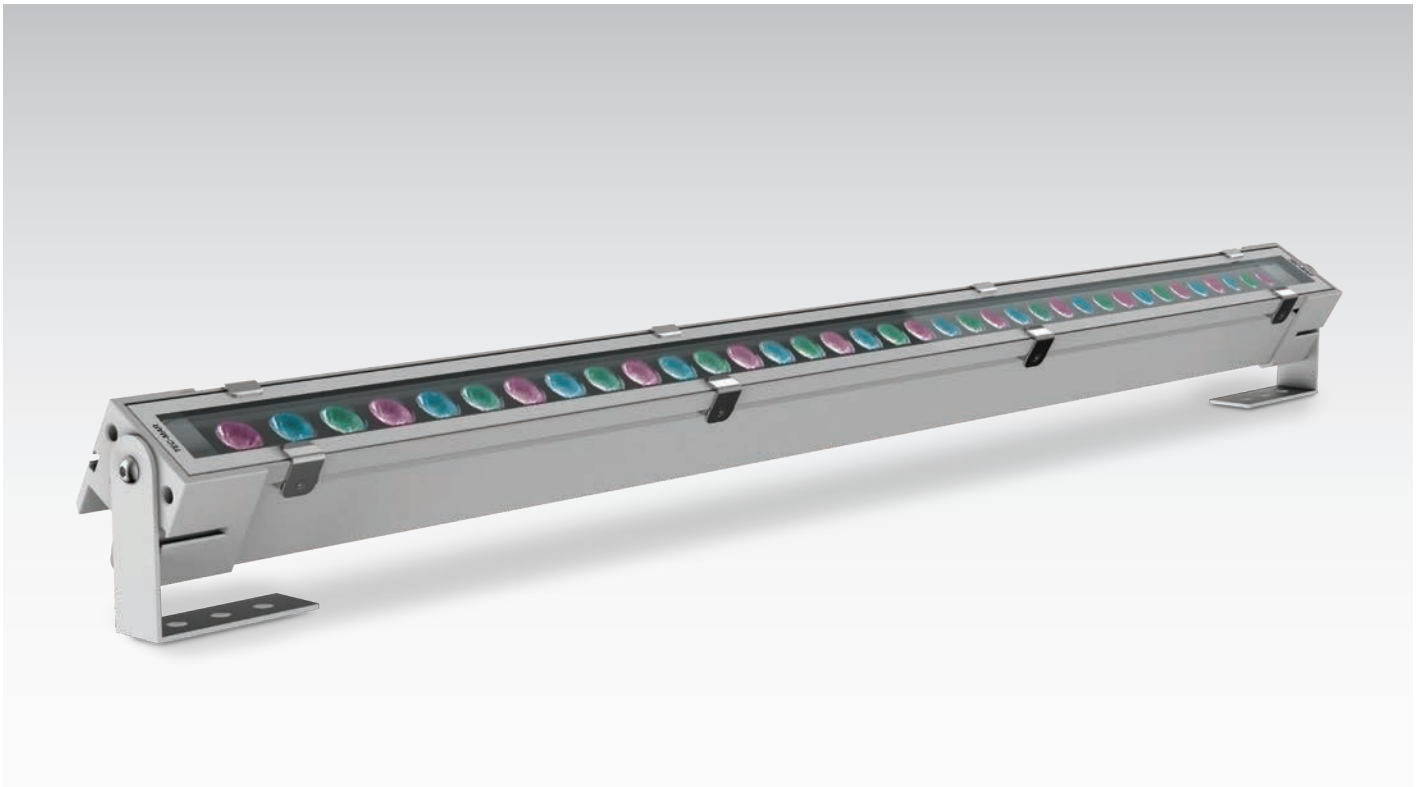


**MOD. E1**

Ottica ellittica da 40°x13° in PMMA ad alto rendimento di flusso.

40°+13° elliptical PMMA high efficiency optic.





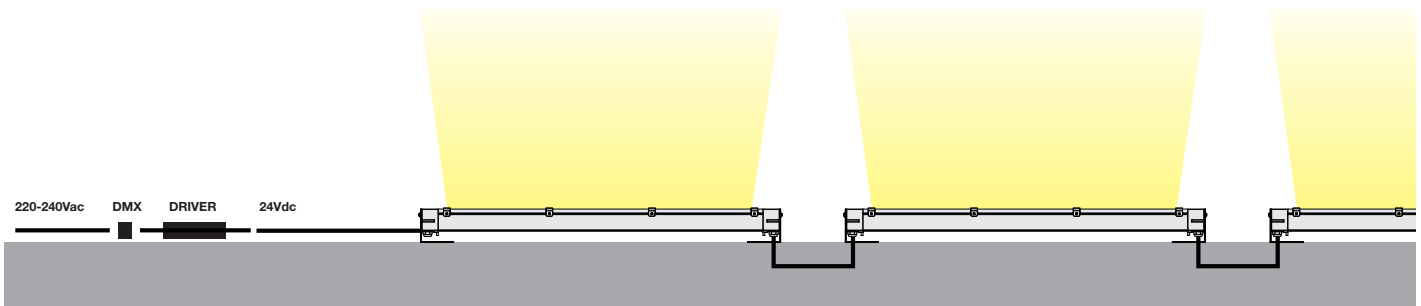
## PRESTAZIONI / PERFORMANCES

W tot. RGB+W	mA	n° Led	R (Lm)	G (Lm)	B (mW)	White (Lm)	Total Lumen Output	dimension
25	200	12	94	470	126	378	1068	D1
38	200	18	141	705	189	567	1602	D2
50	200	24	188	940	252	756	2136	D3
60	200	30	235	1176	315	945	2671	D4

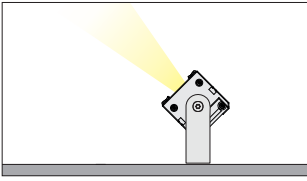
Lunghezza d'onda / Wavelength

625 nm	527 nm	453 nm
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## FUNZIONAMENTO / OPERATION



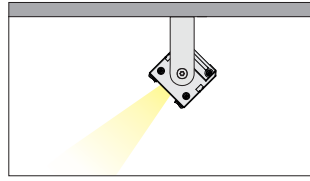
Installazione a terra  
Ground installation



Apparecchio adatto per installazione a terra

Ground installation

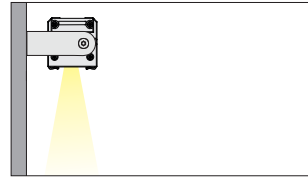
Installazione a soffitto  
Ceiling installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

ACCESSORI / ACCESSORIES



ACC068



ACC069



ACC108



ACC109



ACC110



ACC111



ACC114

- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC108** Driver remoto fino a 24V 100W RGB IP67. Remote driver up to 24V 100W RGB IP67.
- ACC109** Driver remoto fino a 24V 150W RGB IP67. Remote driver up to 24V 150W RGB IP67.
- ACC110** Driver remoto fino a 24V 240W RGB IP67. Remote driver up to 24V 240W RGB IP67.
- ACC111** Driver remoto fino a 24V 320W RGB IP67. Remote driver up to 24V 320W RGB IP67.
- ACC114** Sistema di gestione RGB e DMX (max 480W a 24V). RGB and DMX management system (max 480W at 24V).





# Industriali Industrial



# MODULO

Apparecchio a sospensione o a plafone in linea continua adatto per l'illuminazione di supermercati, aree commerciali ed industriali. Costruito in lamiera d'acciaio, verniciato con polvere poliestere bianca, completo di staffe per la sospensione, driver elettronico 220-240V 50/60Hz, morsettiera 5 poli con connessione automatica, adatto per la messa in linea continua. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Continuous line suspended or surface mounted fixture, suitable to light up retail and large retail shops, malls and industrial areas. Galvanized steel body, painted white polyester powder, complete with suspension brackets, electronic driver 220V-240V 50/60Hz, 5 poles terminal block with automatic connection for continuous line wiring. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP20 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2196		SM		4 = 4000°K (CRI >80)		019		EL = on/off
		FC				020		LM = 1-10v
		IL				032		LD = dali
		FL				038		D1 = dali + em. 1h
						062		E1 = em. 1h
						124		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	61	580	61	1,5	0,003	100
<b>D2</b>	61	1140	61	2,5	0,006	80
<b>D3</b>	61	1425	61	3,0	0,007	80
<b>D4</b>	61	2850	61	6,0	0,014	60

### Dotazione

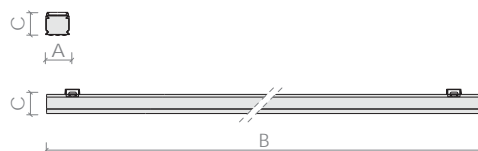
Morsettiera spina/presa con innesto rapido a 5 poli inclusa

### Equipment

Plug/socket terminal block with 5-pole quick coupling included



RAL 9003





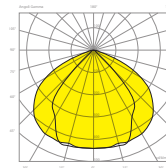
## Mod. SM

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90°

### Modello

Modulo singolo. Ganci disospensione e tappi laterali inclusi

### Model

Single module. Suspension hook and closing caps included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
19	4000K - CRI>80	66	3220	2656	140	2x18W fluo	D1
20	4000K - CRI>80	132	3580	2953	148	1x36W fluo	D2
32	4000K - CRI>80	132	5414	4466	140	1x58W fluo	D3
38	4000K - CRI>80	165	6441	5313	140	2x36W fluo	D2
62	4000K - CRI>80	165	9844	8121	131	2x58W fluo	D3
124	4000K - CRI>80	330	19688	16243	131	4x58W fluo	D4



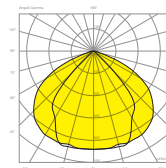
## Mod. IL

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90°

### Modello

Modulo inizio linea per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione, giunto, tappo e morsettiera di inizio linea inclusi

### Model

Row start module including 5 pole electrified duct. Suspension hooks, joint, ending-row cup and terminal block included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
19	4000K - CRI>80	66	3220	2656	140	2x18W fluo	D1
20	4000K - CRI>80	132	3580	2953	148	1x36W fluo	D2
32	4000K - CRI>80	132	5414	4466	140	1x58W fluo	D3
38	4000K - CRI>80	165	6441	5313	140	2x36W fluo	D2
62	4000K - CRI>80	165	9844	8121	131	2x58W fluo	D3
124	4000K - CRI>80	330	19688	16243	131	4x58W fluo	D4



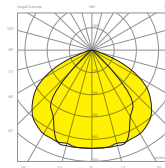
## Mod. FL

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90°

### Modello

Modulo fine linea per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e tappo di fine linea inclusi

### Model

Row end module including 5 pole electrified duct. Suspension hooks and ending-row cup included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
19	4000K - CRI>80	66	3220	2656	140	2x18W fluo	D1
20	4000K - CRI>80	132	3580	2953	148	1x36W fluo	D2
32	4000K - CRI>80	132	5414	4466	140	1x58W fluo	D3
38	4000K - CRI>80	165	6441	5313	140	2x36W fluo	D2
62	4000K - CRI>80	165	9844	8121	131	2x58W fluo	D3
124	4000K - CRI>80	330	19688	16243	131	4x58W fluo	D4



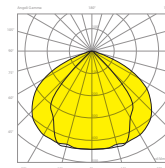
## Mod. FC

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90°

### Modello

Modulo per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e giunto inclusi

### Model

Continuous row module including 5 pole electrified duct. Suspension hooks and joint included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
19	4000K - CRI>80	66	3220	2656	140	2x18W fluo	D1
20	4000K - CRI>80	132	3580	2953	148	1x36W fluo	D2
32	4000K - CRI>80	132	5414	4466	140	1x58W fluo	D3
38	4000K - CRI>80	165	6441	5313	140	2x36W fluo	D2
62	4000K - CRI>80	165	9844	8121	131	2x58W fluo	D3
124	4000K - CRI>80	330	19688	16243	131	4x58W fluo	D4

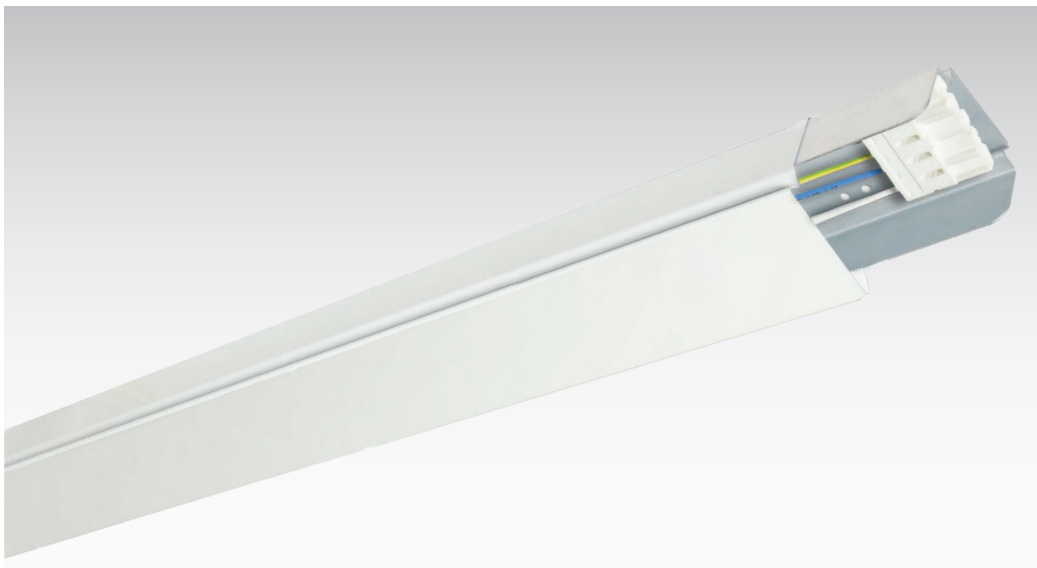
## Mod. MC

### Modello

Modulo cieco per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e giunto inclusi

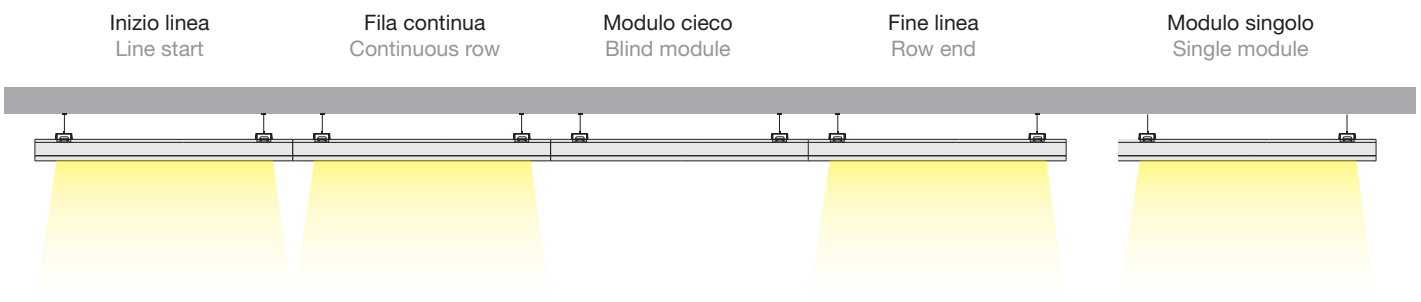
### Model

Continuous row blind module including 5 pole electrified duct. Suspension hooks and joint included



Cod.	dimension
2196MC0100EL	D1
2196MC0200EL	D2
2196MC0300EL	D3
2196MC0400EL	D4

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES

				<p><b>ACC007</b> Kit completo di 2 cavi d'acciaio lunghezza 1500mm per installazione a sospensione. Suspended installation kit, including: 2 steel 1500 mm length cables.</p> <p><b>ACC008</b> Kit completo di 2 cavi d'acciaio lunghezza 3000mm per installazione a sospensione. Suspended installation kit, including: 2 steel 3000 mm length cables.</p> <p><b>ACC009</b> Kit completo di 2 cavi d'acciaio lunghezza 6000mm per installazione a sospensione. Suspended installation kit, including: 2 steel 6000 mm length cables.</p>
				<p><b>ACC021</b> Elemento di connessione lineare Linear joint</p> <p><b>ACC022</b> Elemento di connessione a "L" L joint</p> <p><b>ACC023</b> Elemento di connessione a "T" T joint</p>
				<p><b>ACC024</b> Terminale di chiusura "chiuso" "Closed" closing terminal</p> <p><b>ACC025</b> Terminale di chiusura "con due fori" "Two holes" closing terminal</p> <p><b>ACC026</b> Terminale di chiusura "con un foro" "One hole" closing terminal</p> <p><b>ACC019</b> Sensore per apparecchi industriali DALI Sensor for DALI industrial fixtures</p>
				<p><b>ACC036</b> Telecomando per sensori industriali (opzionale) Remote control for industrial sensors (optional)</p> <p><b>ACC124</b> Connettore di inizio linea Line start connector</p> <p><b>ACC132</b> Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134). Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).</p> <p><b>ACC133</b> Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134). Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).</p> <p><b>ACC134</b> Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio. Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.</p> <p><b>ACC135</b> Gateway portatile per la configurazione dei dispositivi wireless 868 MHz. Gateway for wireless sensor configuration 868 MHz.</p>

# FLEX

Apparecchio a sospensione o a plafone in linea continua adatto per l'illuminazione di supermercati, aree commerciali ed industriali. Costruito in lamiera d'acciaio, verniciato con polvere poliestere bianca, completo di staffe per la sospensione, driver elettronico 220-240V 50/60Hz, morsettiera 5 poli con connessione automatica, adatto per la messa in linea continua. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Continuous line suspended or surface mounted fixture, suitable to light up retail and large retail shops, malls and industrial areas. Galvanized steel body, painted white polyester powder, complete with suspension brackets, electronic driver 220V-240V 50/60Hz, 5 poles terminal block with automatic connection for continuous line wiring. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Morsettiera spina/presa con innesto rapido a 5 poli inclusa

### Equipment

Plug/socket terminal block with 5-pole quick coupling included



RAL 9003



## CARATTERISTICHE / MAIN FEATURES

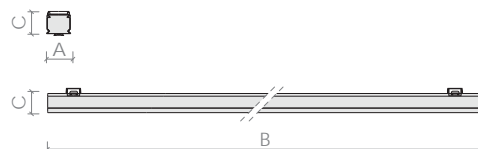
220 V<sub>~</sub> 240 |  $-25^{\circ}\text{C}$  | IP20 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2099		SM		40 = 4000°K (CRI >80)		16 37		EL = on/off
		FC				18 40		LM = 1-10v
		IL				23 47		LD = dali
		FL				24 48		D1 = dali + em. 1h
						28 60		E1 = em. 1h
						32		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	61	569	65	1,5	0,003	100
<b>D2</b>	61	1129	65	2,5	0,007	80
<b>D3</b>	61	1409	65	3,0	0,008	80





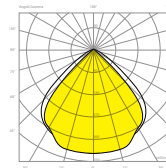
## Mod. SM

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90° UGR<25

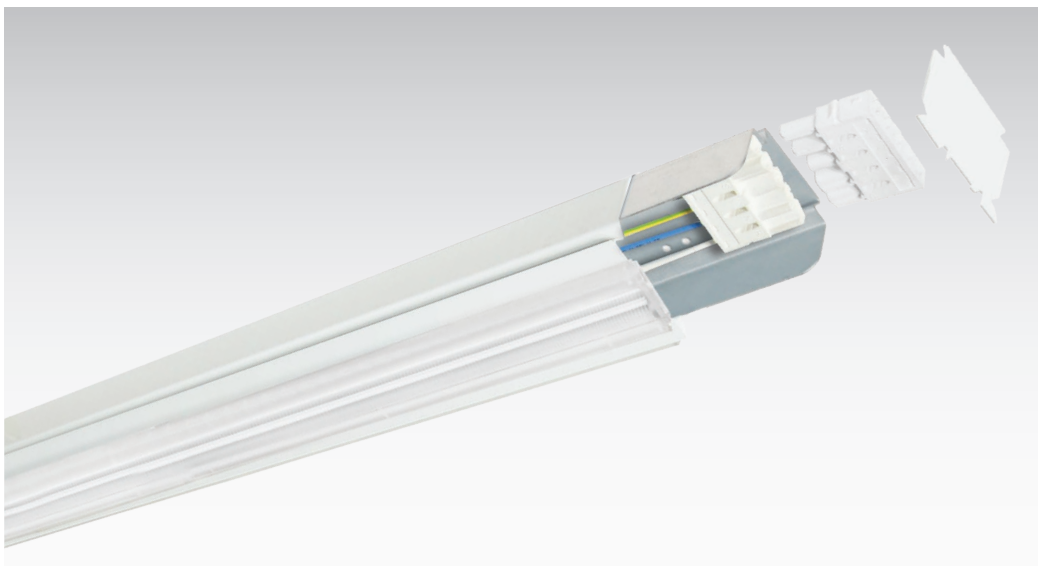
### Modello

Modulo singolo. Ganci disospensione e tappi laterali inclusi

### Model

Single module. Suspension hook and closing caps included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	1x64	2709	2221	139	1x18W fluo	D1
18	4000K - CRI>80	1x64	3375	2767	154	2x18W fluo	D1
23	4000K - CRI>80	1x128	4067	3334	145	1x36W fluo	D2
24	4000K - CRI>80	1x64	4153	3405	142	2x24W fluo	D1
28	4000K - CRI>80	1x160	5084	4168	149	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4442	139	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5534	150	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5553	139	2x49W fluo	D3
47	4000K - CRI>80	1x160	8437	6918	147	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6810	142	2x54W fluo	D2
60	4000K - CRI>80	1x160	10382	8513	142	2x58W fluo	D3



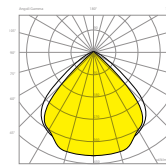
## Mod. IL

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90° UGR<25

### Modello

Modulo inizio linea per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione, giunto, tappo e morsettiera di inizio linea inclusi

### Model

Row start module including 5 pole electrified duct. Suspension hooks, joint, ending-row cup and terminal block included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	1x64	2709	2221	139	1x18W fluo	D1
18	4000K - CRI>80	1x64	3375	2767	154	2x18W fluo	D1
23	4000K - CRI>80	1x128	4067	3334	145	1x36W fluo	D2
24	4000K - CRI>80	1x64	4153	3405	142	2x24W fluo	D1
28	4000K - CRI>80	1x160	5084	4168	149	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4442	139	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5534	150	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5553	139	2x49W fluo	D3
47	4000K - CRI>80	1x160	8437	6918	147	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6810	142	2x54W fluo	D2
60	4000K - CRI>80	1x160	10382	8513	142	2x58W fluo	D3



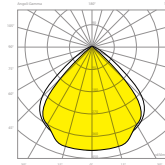
## Mod. FL

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90° UGR<25

### Modello

Modulo fine linea per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e tappo di fine linea inclusi

### Model

Row end module including 5 pole electrified duct. Suspension hooks and ending-row cup included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	1x64	2709	2221	139	1x18W fluo	D1
18	4000K - CRI>80	1x64	3375	2767	154	2x18W fluo	D1
23	4000K - CRI>80	1x128	4067	3334	145	1x36W fluo	D2
24	4000K - CRI>80	1x64	4153	3405	142	2x24W fluo	D1
28	4000K - CRI>80	1x160	5084	4168	149	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4442	139	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5534	150	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5553	139	2x49W fluo	D3
47	4000K - CRI>80	1x160	8437	6918	147	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6810	142	2x54W fluo	D2
60	4000K - CRI>80	1x160	10382	8513	142	2x58W fluo	D3



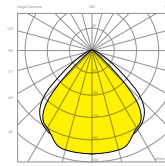
## Mod. FC

### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.



90° UGR<25

### Modello

Modulo per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e giunto inclusi

### Model

Continuous row module including 5 pole electrified duct. Suspension hooks and joint included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	1x64	2709	2221	139	1x18W fluo	D1
18	4000K - CRI>80	1x64	3375	2767	154	2x18W fluo	D1
23	4000K - CRI>80	1x128	4067	3334	145	1x36W fluo	D2
24	4000K - CRI>80	1x64	4153	3405	142	2x24W fluo	D1
28	4000K - CRI>80	1x160	5084	4168	149	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4442	139	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5534	150	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5553	139	2x49W fluo	D3
47	4000K - CRI>80	1x160	8437	6918	147	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6810	142	2x54W fluo	D2
60	4000K - CRI>80	1x160	10382	8513	142	2x58W fluo	D3

## Mod. MC

### Modello

Modulo cieco per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e giunto inclusi

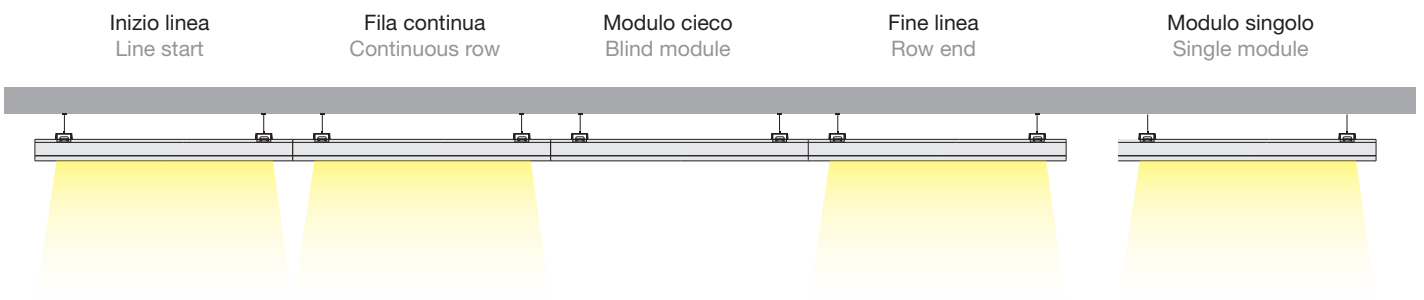
### Model

Continuous row blind module including 5 pole electrified duct. Suspension hooks and joint included



Cod.	dimension
2099MC0100EL	D1
2099MC0200EL	D2
2099MC0300EL	D3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES

				<p><b>ACC007</b> Kit completo di 2 cavi d'acciaio lunghezza 1500mm per installazione a sospensione. Suspended installation kit, including: 2 steel 1500 mm length cables.</p> <p><b>ACC008</b> Kit completo di 2 cavi d'acciaio lunghezza 3000mm per installazione a sospensione. Suspended installation kit, including: 2 steel 3000 mm length cables.</p> <p><b>ACC009</b> Kit completo di 2 cavi d'acciaio lunghezza 6000mm per installazione a sospensione. Suspended installation kit, including: 2 steel 6000 mm length cables.</p>
				<p><b>ACC021</b> Elemento di connessione lineare Linear joint</p> <p><b>ACC022</b> Elemento di connessione a "L" L joint</p> <p><b>ACC023</b> Elemento di connessione a "T" T joint</p>
				<p><b>ACC024</b> Terminale di chiusura "chiuso" "Closed" closing terminal</p> <p><b>ACC025</b> Terminale di chiusura "con due fori" "Two holes" closing terminal</p> <p><b>ACC026</b> Terminale di chiusura "con un foro" "One hole" closing terminal</p> <p><b>ACC019</b> Sensore per apparecchi industriali DALI Sensor for DALI industrial fixtures</p> <p><b>ACC036</b> Telecomando per sensori industriali (opzionale) Remote control for industrial sensors (optional)</p>
				<p><b>ACC124</b> Connettore di inizio linea Line start connector</p> <p><b>ACC132</b> Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134). Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).</p> <p><b>ACC133</b> Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134). Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).</p> <p><b>ACC134</b> Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio. Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.</p> <p><b>ACC135</b> Gateway portatile per la configurazione dei dispositivi wireless 868 MHz. Gateway for wireless sensor configuration 868 MHz.</p>



# DENVER

Apparecchio a sospensione o a plafone in linea continua adatto per l'illuminazione di supermercati, aree commerciali ed industriali. Costruito in lamiera d'acciaio, verniciato con polvere poliestere bianca, completo di staffe per la sospensione, driver elettronico 220-240V 50/60Hz, morsetti a 5 poli con connessione automatica, adatto per la messa in linea continua. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Continuous line suspended or surface mounted fixture, suitable to light up retail and large retail shops, malls and industrial areas. Galvanized steel body, painted white polyester powder, complete with suspension brackets, electronic driver 220V-240V 50/60Hz, 5 poles terminal block with automatic connection for continuous line wiring. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Morsetti a spina/presa con innesto rapido a 5 poli inclusa

### Equipment

Plug/socket terminal block with 5-pole quick coupling included



RAL 9003


## CARATTERISTICHE / MAIN FEATURES

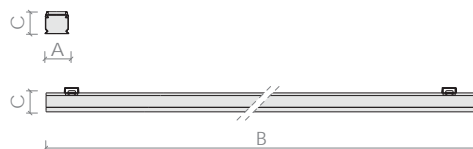
LED | CE | 220 V<sub>~</sub> | ± | -25°C | IP20 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2098		SM		40 = 4000°K (CRI >80)		23 47		EL = on/off
		FC				28 48		LM = 1-10v
		IL				32 52		LD = dali
		FL				37 60		D1 = dali + em. 1h
						40 62		E1 = em. 1h
						42 92		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	61	569	65	1,5	0,003	100
<b>D2</b>	61	1129	65	2,5	0,007	80
<b>D3</b>	61	1409	65	3,0	0,008	80
<b>D4</b>	61	1685	65	3,5	0,008	80



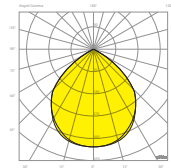


## Mod. SM

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

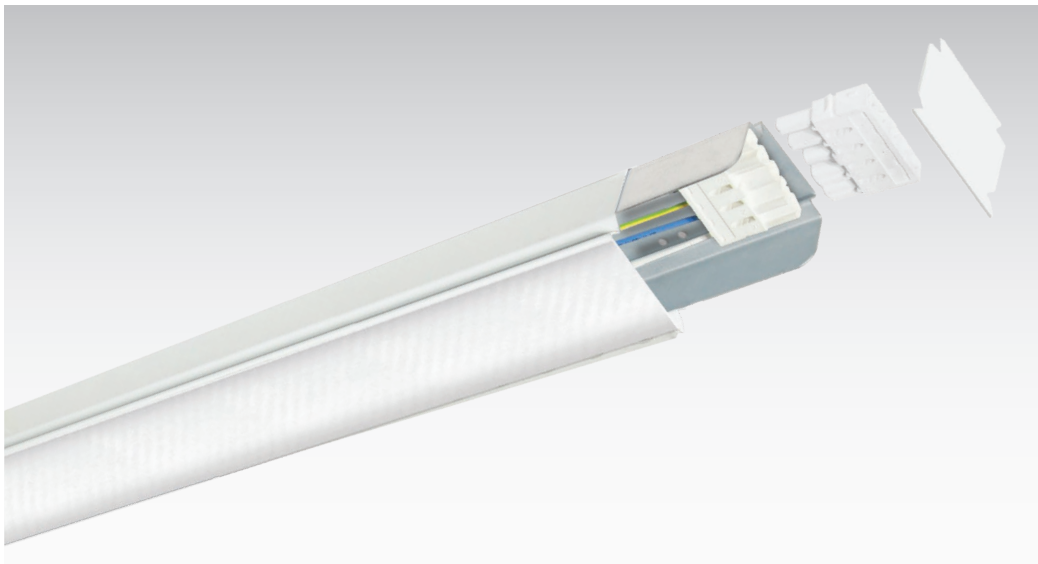
### Modello

Modulo singolo. Ganci disospensione e tappi laterali inclusi

### Model

Single module. Suspension hook and closing caps included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
23	4000K - CRI>80	1x128	4067	3050	133	1x36W fluo	D2
28	4000K - CRI>80	1x160	5084	3813	136	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4063	127	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5061	137	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5079	127	2x49W fluo	D3
42	4000K - CRI>80	1x264	8904	6678	159	2x49W fluo	D4
47	4000K - CRI>80	1x160	8437	6327	135	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6229	130	2x54W fluo	D2
52	4000K - CRI>80	1x264	11043	8282	159	2x58W fluo	D4
60	4000K - CRI>80	1x160	10382	7786	130	2x58W fluo	D3
62	4000K - CRI>80	1x264	12701	9525	154	2x58W fluo	D4
92	4000K - CRI>80	1x264	18277	13707	149	2x80W fluo	D4

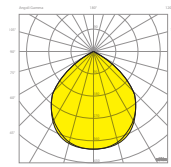


## Mod. IL

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

### Modello

Modulo inizio linea per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione, giunto, tappo e morsettiera di inizio linea inclusi

### Model

Row start module including 5 pole electrified duct. Suspension hooks, joint, ending-row cup and terminal block included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
23	4000K - CRI>80	1x128	4067	3050	133	1x36W fluo	D2
28	4000K - CRI>80	1x160	5084	3813	136	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4063	127	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5061	137	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5079	127	2x49W fluo	D3
42	4000K - CRI>80	1x264	8904	6678	159	2x49W fluo	D4
47	4000K - CRI>80	1x160	8437	6327	135	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6229	130	2x54W fluo	D2
52	4000K - CRI>80	1x264	11043	8282	159	2x58W fluo	D4
60	4000K - CRI>80	1x160	10382	7786	130	2x58W fluo	D3
62	4000K - CRI>80	1x264	12701	9525	154	2x58W fluo	D4
92	4000K - CRI>80	1x264	18277	13707	149	2x80W fluo	D4

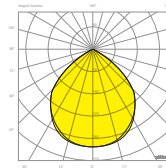


## Mod. FL

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

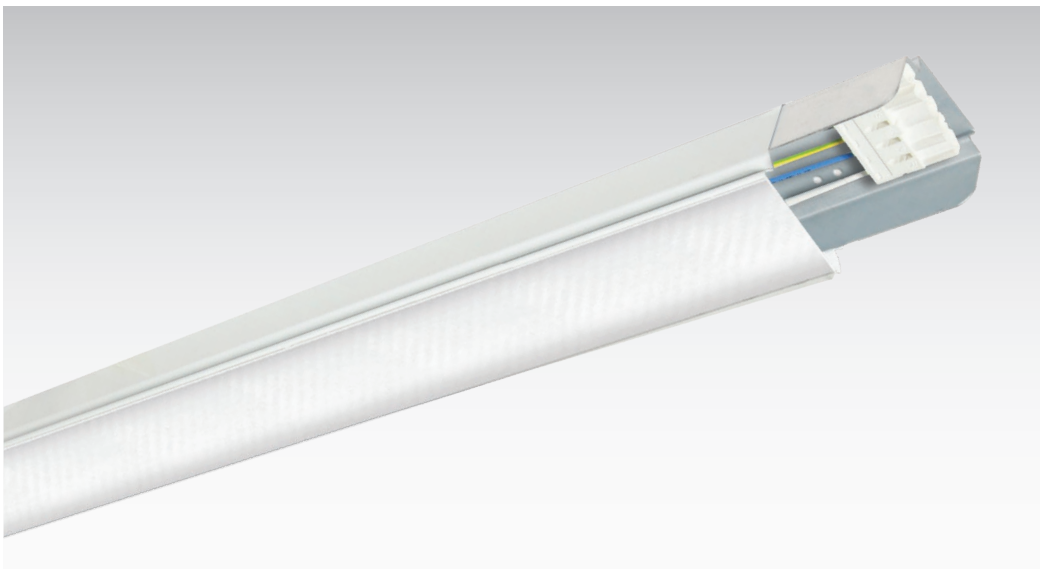
### Modello

Modulo fine linea per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e tappo di fine linea inclusi

### Model

Row end module including 5 pole electrified duct. Suspension hooks and ending-row cup included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
23	4000K - CRI>80	1x128	4067	3050	133	1x36W fluo	D2
28	4000K - CRI>80	1x160	5084	3813	136	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4063	127	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5061	137	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5079	127	2x49W fluo	D3
42	4000K - CRI>80	1x264	8904	6678	159	2x49W fluo	D4
47	4000K - CRI>80	1x160	8437	6327	135	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6229	130	2x54W fluo	D2
52	4000K - CRI>80	1x264	11043	8282	159	2x58W fluo	D4
60	4000K - CRI>80	1x160	10382	7786	130	2x58W fluo	D3
62	4000K - CRI>80	1x264	12701	9525	154	2x58W fluo	D4
92	4000K - CRI>80	1x264	18277	13707	149	2x80W fluo	D4

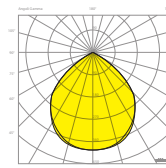


## Mod. FC

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



90° UGR<19

### Modello

Modulo per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e giunto inclusi

### Model

Continuous row module including 5 pole electrified duct. Suspension hooks and joint included

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
23	4000K - CRI>80	1x128	4067	3050	133	1x36W fluo	D2
28	4000K - CRI>80	1x160	5084	3813	136	1x58W fluo	D3
32	4000K - CRI>80	1x128	5418	4063	127	2x36W fluo	D2
37	4000K - CRI>80	1x128	6749	5061	137	2x36W fluo	D2
40	4000K - CRI>80	1x160	6772	5079	127	2x49W fluo	D3
42	4000K - CRI>80	1x264	8904	6678	159	2x49W fluo	D4
47	4000K - CRI>80	1x160	8437	6327	135	2x49W fluo	D3
48	4000K - CRI>80	1x128	8306	6229	130	2x54W fluo	D2
52	4000K - CRI>80	1x264	11043	8282	159	2x58W fluo	D4
60	4000K - CRI>80	1x160	10382	7786	130	2x58W fluo	D3
62	4000K - CRI>80	1x264	12701	9525	154	2x58W fluo	D4
92	4000K - CRI>80	1x264	18277	13707	149	2x80W fluo	D4

## Mod. MC

### Modello

Modulo cieco per fila continua compreso di canalina elettrificata 5 poli. Ganci di sospensione e giunto inclusi

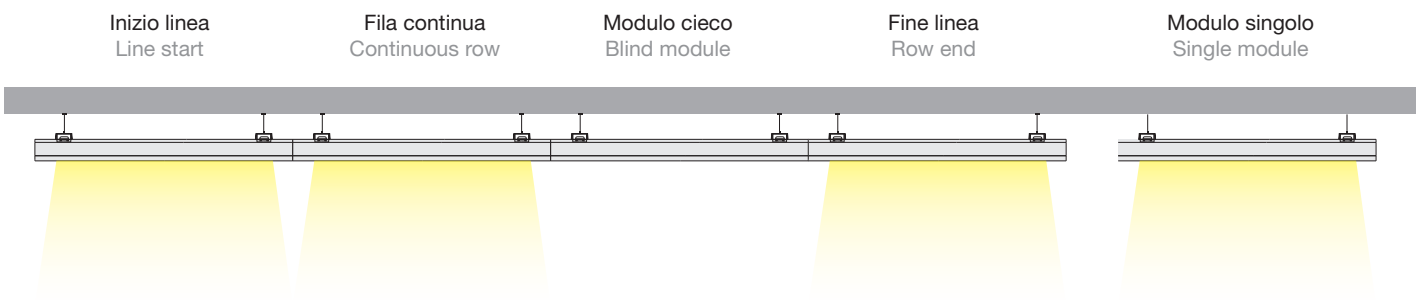
### Model

Continuous row blind module including 5 pole electrified duct. Suspension hooks and joint included



Cod.	dimension
2098MC0100EL	D1
2098MC0200EL	D2
2098MC0300EL	D3
2098MC0400EL	D4

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



- ACC007** Kit completo di 2 cavi d'acciaio lunghezza 1500mm per installazione a sospensione.  
Suspended installation kit, including: 2 steel 1500 mm length cables.
- ACC008** Kit completo di 2 cavi d'acciaio lunghezza 3000mm per installazione a sospensione.  
Suspended installation kit, including: 2 steel 3000 mm length cables.
- ACC009** Kit completo di 2 cavi d'acciaio lunghezza 6000mm per installazione a sospensione.  
Suspended installation kit, including: 2 steel 6000 mm length cables.
- ACC021** Elemento di connessione lineare  
Linear joint
- ACC022** Elemento di connessione a "L"  
L joint
- ACC023** Elemento di connessione a "T"  
T joint
- ACC024** Terminale di chiusura "chiuso"  
"Closed" closing terminal
- ACC025** Terminale di chiusura "con due fori"  
"Two holes" closing terminal
- ACC026** Terminale di chiusura "con un foro"  
"One hole" closing terminal
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC124** Connettore di inizio linea  
Line start connector
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# EVA

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato con guarnizione siliconica, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps with silicone gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> 240 V<sub>~</sub>

 -25°C / +45°C
 | IP66
 | IK08
 | RG0
 | CRI >80
 | 3 step MacAdam
 | <10% LOW flicker
 | L90-B10 >60.000h
 | L80-B50 >100.000h
 | A++

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2100	+	LD	+	30 = 3000°K (CRI >80)	09	36	EL	= on/off
				40 = 4000°K (CRI >80)	12	42	LM	= 1-10v
				50 = 5000°K (CRI >80)	18	50	LD	= dali
				65 = 6500°K (CRI >80)	19	54	D1	= dali + em. 1h
				49 = 4000°K (CRI >90)	20	60	E1	= em. 1h
					24	72	E3	= em. 3h
							FC	= fila continua/continuous row
							IC	= ice -30°
							SR	= radar sensor on/off
							S1	= radar sensor 1-10V

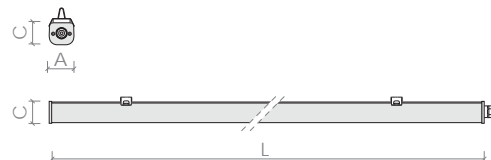
## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc			A	L	C	Kg	mc		
<b>D1</b>	62	595	62	1,2	0,004	120	<b>D1</b>	SR-S1	62	705	62	1,3	0,004	120
<b>D2</b>	62	1155	62	2,1	0,007	100	<b>D2</b>	SR-S1	62	1265	62	2,2	0,007	100
<b>D3</b>	62	1435	62	3,3	0,008	80	<b>D3</b>	SR-S1	62	1545	62	3,4	0,008	80

Dimensioni per apparecchio con opzione SR o S1  
Dimensions for SR or S1 option

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



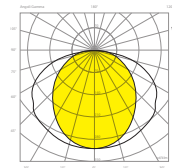
## Mod. LD

### Ottica

Corpo unico in policarbonato opale satinato estruso.

### Optic

Extruded satin opal polycarbonate body.



90°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

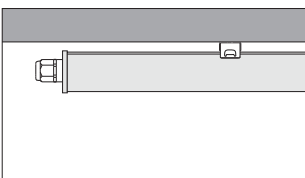
Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
9	4000K - CRI>80	1x32	1347	1097	122	1x18W fluo	595
12	4000K - CRI>80	1x32	1686	1374	115	1x24W fluo	595
18	4000K - CRI>80	1x128	3315	2701	150	1x36W fluo	1155
19	4000K - CRI>80	1x64	2695	2196	116	2x18W fluo	595
20	4000K - CRI>80	1x64	2700	2200	110	1x36W fluo	1155
24	4000K - CRI>80	1x80	3369	2745	114	1x58W fluo	1435
36	4000K - CRI>80	1x128	5390	4392	122	2x36W fluo	1155
42	4000K - CRI>80	1x160	6737	5490	131	2x49W fluo	1435
50	4000K - CRI>80	1x128	8208	6689	134	2x54W fluo	1155
54	4000K - CRI>80	1x150	8200	6683	124	2x58W fluo	1435
60	4000K - CRI>80	1x160	9249	7537	126	2x58W fluo	1435
72	4000K - CRI>80	1x160	11856	9662	134	2x80W fluo	1435

## INSTALLAZIONE / INSTALLATION

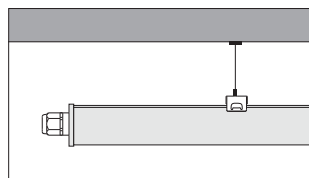
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

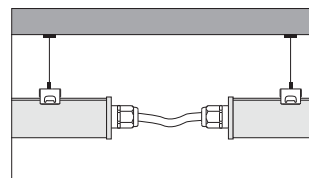
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

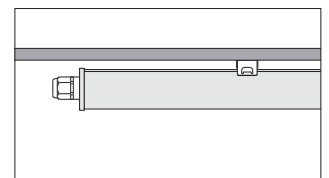
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC)

Continuous row installation (FC option)

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC172** Kit staffe di rotazione regolabili  
Adjustable rotation bracket kit

# EVA HP

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato con guarnizione silicónica, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps with silicone gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | |

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2101		LD		30 = 3000°K (CRI >80)	09	30		EL = on/off
				40 = 4000°K (CRI >80)	11	34		LM = 1-10v
				50 = 5000°K (CRI >80)	13	36		LD = dali
				65 = 6500°K (CRI >80)	19	37		D1 = dali + em. 1h
				49 = 4000°K (CRI >90)	20	44		E1 = em. 1h
					21	47		E3 = em. 3h
					23	50		FC = fila continua/continous row
					24	59		IC = ice -30°
					27	64		SR = radar sensor on/off
					28	70		S1 = radar sensor 1-10V
					29			

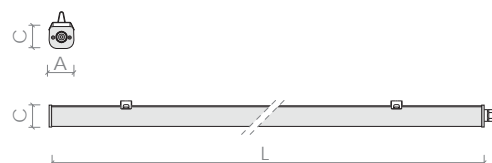
## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc			A	L	C	Kg	mc		
<b>D1</b>	62	595	62	1,2	0,004	120	<b>D1</b>	SR-S1	62	705	62	1,3	0,004	120
<b>D2</b>	62	1155	62	2,1	0,007	100	<b>D2</b>	SR-S1	62	1265	62	2,2	0,007	100
<b>D3</b>	62	1435	62	3,3	0,008	80	<b>D3</b>	SR-S1	62	1545	62	3,4	0,008	80

Dimensioni per apparecchio con opzione SR o S1  
Dimensions for SR or S1 option

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



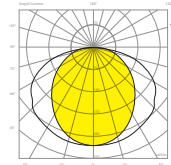
## Mod. LD

### Ottica

Corpo unico in policarbonato opale satinato estruso.

### Optic

Extruded satin opal polycarbonate body.



90°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
9	4000K - CRI>80	2x64	1624	1323	147	1x18W fluo	595
11	4000K - CRI>80	2x64	1981	1614	147	1x18W fluo	595
13	4000K - CRI>80	2x64	2385	1943	150	2x18W fluo	595
19	4000K - CRI>80	2x64	3443	2806	148	2x18W fluo	595
20	4000K - CRI>80	2x64	3787	3086	154	1x36W fluo	1155
21	4000K - CRI>80	2x64	3990	3251	155	2x18W fluo	595
23	4000K - CRI>80	2x64	3959	3226	140	1x36W fluo	1155
24	4000K - CRI>80	2x80	4366	3558	148	2x49W fluo	1435
27	4000K - CRI>80	2x64	4700	3830	142	1x54W fluo	1155
28	4000K - CRI>80	2x64	4859	3960	141	1x36W fluo	1155
29	4000K - CRI>80	2x64	4990	4066	140	2x24W fluo	595
30	4000K - CRI>80	2x80	5286	4308	144	1x58W fluo	1435
34	4000K - CRI>80	2x128	6491	5290	156	2x36W fluo	1155
36	4000K - CRI>80	2x128	6945	5660	157	2x36W fluo	1155
37	4000K - CRI>80	2x80	6166	5025	136	2x49W fluo	1435
44	4000K - CRI>80	2x128	8245	6719	153	2x54W fluo	1155
47	4000K - CRI>80	2x160	9469	7717	164	2x58W fluo	1435
50	4000K - CRI>80	2x128	9622	7841	157	2x54W fluo	1155
59	4000K - CRI>80	2x160	11200	9128	155	2x58W fluo	1435
64	4000K - CRI>80	2x160	12027	9802	153	2x58W fluo	1435
70	4000K - CRI>80	2x160	12849	10471	150	2x80W fluo	1435

## ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135



ACC172

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC172** Kit staffe di rotazione regolabili  
Adjustable rotation bracket kit



# EVA SP

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato con guarnizione siliconica, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps with silicone gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> 240 V<sub>~</sub>

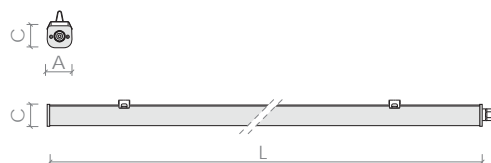
 -25°C / +45°C
 | IP66
 | IK08
 | RG0
 | CRI >80
 | 3 step MacAdam
 | <10% LOW flicker
 | L90-B10 >60.000h
 | L80-B50 >100.000h
 | A++

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2102		S2		30 = 3000°K (CRI >80)		08		EL = on/off
		E3		40 = 4000°K (CRI >80)		15		LM = 1-10v
		AR		50 = 5000°K (CRI >80)		27		LD = dali
				65 = 6500°K (CRI >80)		28		D1 = dali + em. 1h
				49 = 4000°K (CRI >90)		35		E1 = em. 1h
						36		E3 = em. 3h
						56		FC = fila continua/continuous row
						60		IC = ice -30°
						69		SR = radar sensor on/off
								S1 = radar sensor 1-10V

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc			A	L	C	Kg	mc		
<b>D1</b>	62	600	62	1,2	0,004	120	<b>D1</b>	SR-S1	62	710	62	1,3	0,004	120
<b>D2</b>	62	1160	62	2,1	0,007	100	<b>D2</b>	SR-S1	62	1270	62	2,2	0,007	100
<b>D3</b>	62	1440	62	3,3	0,008	80	<b>D3</b>	SR-S1	62	1550	62	3,4	0,008	80

Dimensioni per apparecchio con opzione SR o S1  
Dimensions for SR or S1 option



## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



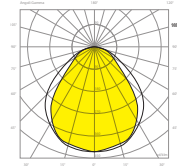
## Mod. S2

### Ottica

Corpo unico in policarbonato trasparente satinato opaco estruso. Ottica diffondente 90° in PMMA.

### Optic

Extruded matt transparent satin polycarbonate body. 90° wide beam in PMMA optic.



90° UGR<22

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
8	4000K - CRI>80	1x64	1499	1251	156	1x18W fluo	595
15	4000K - CRI>80	1x64	2545	2125	142	2x18W fluo	595
27	4000K - CRI>80	1x64	4460	3724	138	2x24W fluo	595
28	4000K - CRI>80	1x128	4802	4009	143	1x36W fluo	1155
35	4000K - CRI>80	1x160	6002	5011	143	1x80W fluo	1435
36	4000K - CRI>80	1x128	5390	4500	125	2x36W fluo	1155
56	4000K - CRI>80	1x128	9223	7701	138	2x54W fluo	1155
60	4000K - CRI>80	1x160	9249	7722	129	2x58W fluo	1435
69	4000K - CRI>80	1x160	11528	9625	140	2x80W fluo	1435



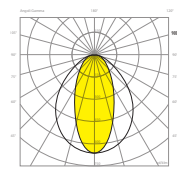
## Mod. E3

### Ottica

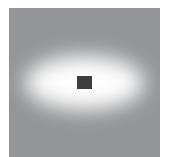
Corpo unico in policarbonato trasparente satinato opaco estruso. Ottica ellittica in PMMA.

### Optic

Extruded matt transparent satin polycarbonate body. Elliptical PMMA optics.



90/30° UGR<22



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
8	4000K - CRI>80	1x64	1499	1199	150	1x18W fluo	595
15	4000K - CRI>80	1x64	2545	2036	136	2x18W fluo	595
27	4000K - CRI>80	1x64	4460	3568	132	2x24W fluo	595
28	4000K - CRI>80	1x128	4802	3841	137	1x36W fluo	1155
35	4000K - CRI>80	1x160	6002	4801	137	1x80W fluo	1435
36	4000K - CRI>80	1x128	5390	4312	120	2x36W fluo	1155
56	4000K - CRI>80	1x128	9223	7378	132	2x54W fluo	1155
60	4000K - CRI>80	1x160	9249	7399	123	2x58W fluo	1435
69	4000K - CRI>80	1x160	11528	9222	134	2x80W fluo	1435



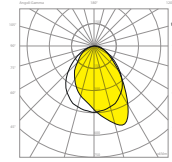
## Mod. AR

### Optica

Corpo unico in policarbonato trasparente satinato opaco estruso. Ottica asimmetrica 40° in PMMA.

### Optic

Extruded matt transparent satin polycarbonate body. 40° asymmetric PMMA optics.



40°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

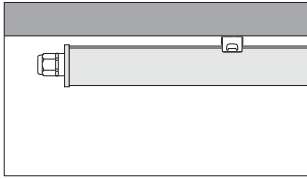
Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
8	4000K - CRI>80	1x64	1499	1184	148	1x18W fluo	595
15	4000K - CRI>80	1x64	2545	2010	134	2x18W fluo	595
27	4000K - CRI>80	1x64	4460	3523	130	2x24W fluo	595
28	4000K - CRI>80	1x128	4802	3793	135	1x36W fluo	1155
35	4000K - CRI>80	1x160	6002	4741	135	1x80W fluo	1435
36	4000K - CRI>80	1x128	5390	4258	118	2x36W fluo	1155
56	4000K - CRI>80	1x128	9223	7286	130	2x54W fluo	1155
60	4000K - CRI>80	1x160	9249	7306	122	2x58W fluo	1435
69	4000K - CRI>80	1x160	11528	9107	132	2x80W fluo	1435



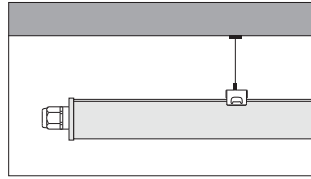
**Installazione a plafone**  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

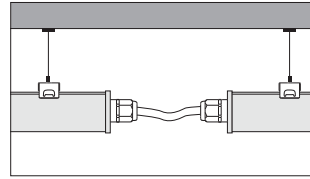
**Installazione a sospensione**  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

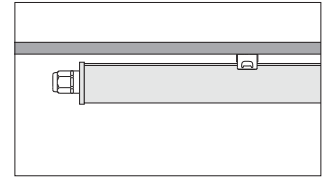
**Installazione in fila continua**  
Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC)

Continuous row installation (FC option)

**Installazione a blindosbarra**  
Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135



ACC172

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

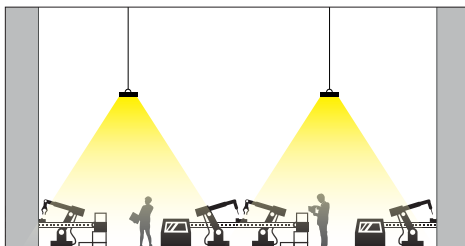
**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC172** Kit staffe di rotazione regolabili  
Adjustable rotation bracket kit

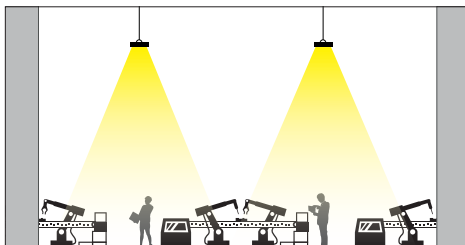
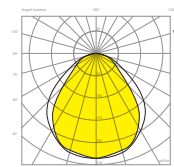
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica extra diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area up to 5/9 meter height.

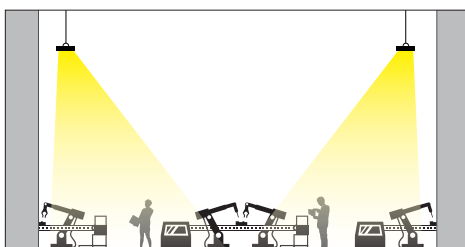
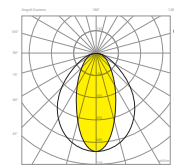
Mod. S5



Utilizzo dell'ottica concentrante per l'illuminazione un'area di lavoro con installazione elevata.

Narrow beam fixture used in work areas with high height.

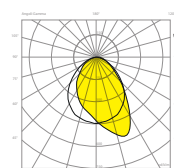
Mod. E3



Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

Mod. AR



# DEA

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato sigillato con guarnizione siliconica con sportello per ispezione, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps, sealed with inspection door, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION




## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> 240 | -25°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

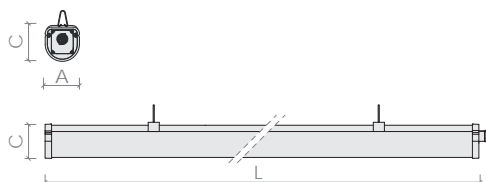
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2056		LD		30 = 3000°K (CRI >80)	10	50		EL = on/off
				40 = 4000°K (CRI >80)	22	51		LM = 1-10v
				50 = 5000°K (CRI >80)	23	60		LD = dali
				65 = 6500°K (CRI >80)	28	62		D1 = dali + em. 1h
				49 = 4000°K (CRI >90)	37	68		E1 = em. 1h
					46	72		E3 = em. 3h
								FC = fila continua/continuous row

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	92	605	92	1,3	0,008	120
<b>D2</b>	92	1155	92	2,2	0,012	100
<b>D3</b>	92	1455	92	3,5	0,018	80

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



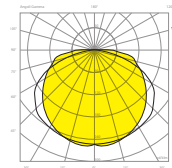
## Mod. LD

### Ottica

Corpo unico in policarbonato opale lucido estruso.

### Optic

Extruded satin opal polycarbonate body.



150°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

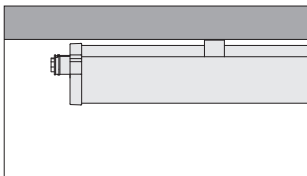
Surface or suspension clip mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1091	109	1x18W fluo	605
22	4000K - CRI>80	1x64	3320	2689	122	2x18W fluo	605
23	4000K - CRI>80	1x64	3372	2731	119	1x36W fluo	1155
28	4000K - CRI>80	1x80	4438	3594	128	1x58W fluo	1455
37	4000K - CRI>80	1x128	6109	4948	134	2x36W fluo	1155
46	4000K - CRI>80	1x128	8142	6595	143	2x54W fluo	1155
50	4000K - CRI>80	1x128	8208	6648	133	2x54W fluo	1155
51	4000K - CRI>80	1x160	8038	6510	128	2x49W fluo	1455
60	4000K - CRI>80	1x160	9249	7491	125	2x58W fluo	1455
62	4000K - CRI>80	1x160	11019	8925	144	2x58W fluo	1455
68	4000K - CRI>80	1x160	11152	9033	133	2x80W fluo	1455
72	4000K - CRI>80	1x160	11856	9603	133	2x80W fluo	1455

## INSTALLAZIONE / INSTALLATION

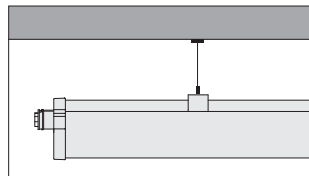
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

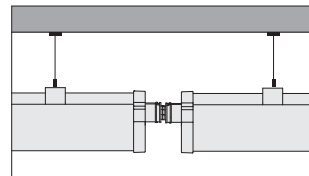
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

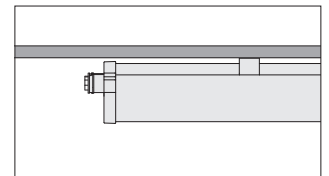
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC).

Continuous row installation (FC option).

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# DEA HP

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato sigillato con guarnizione siliconica con sportello per ispezione, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps, sealed with inspection door, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

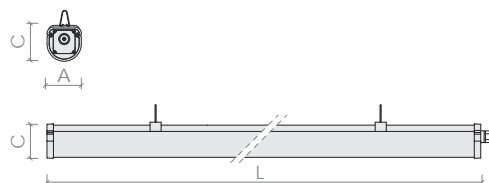
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2156		LD		30 = 3000°K (CRI >80)	09	36	EL	= on/off
				40 = 4000°K (CRI >80)	13	37	LM	= 1-10v
				50 = 5000°K (CRI >80)	19	50	LD	= dali
				65 = 6500°K (CRI >80)	23	59	D1	= dali + em. 1h
				49 = 4000°K (CRI >90)	27	64	E1	= em. 1h
					29	70	E3	= em. 3h
					30		FC	= fila continua/continuous row

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	92	605	92	1,3	0,008	120
<b>D2</b>	92	1155	92	2,2	0,012	100
<b>D3</b>	92	1455	92	3,5	0,018	80

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



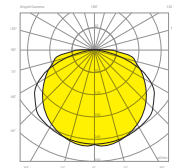
## Mod. LD

### Ottica

Corpo unico in policarbonato opale lucido estruso.

### Optic

Extruded satin opal polycarbonate body.



150°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

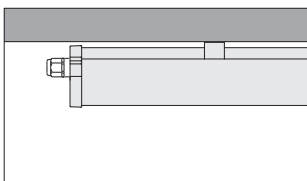
Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
9	4000K - CRI>80	2x64	1624	1315	146	1x18W fluo	605
13	4000K - CRI>80	2x64	2385	1931	149	2x18W fluo	605
19	4000K - CRI>80	2x64	3443	2788	147	2x18W fluo	605
23	4000K - CRI>80	2x64	3959	3206	139	1x36W fluo	1155
27	4000K - CRI>80	2x64	4700	3807	141	1x54W fluo	1155
29	4000K - CRI>80	2x64	4990	4041	139	2x24W fluo	605
30	4000K - CRI>80	2x80	5286	4281	143	1x58W fluo	1455
36	4000K - CRI>80	2x128	6945	5625	156	2x36W fluo	1155
37	4000K - CRI>80	2x80	6166	4994	135	2x49W fluo	1455
50	4000K - CRI>80	2x128	9622	7793	156	2x54W fluo	1155
59	4000K - CRI>80	2x160	11200	9072	154	2x58W fluo	1455
64	4000K - CRI>80	2x160	12027	9741	152	2x58W fluo	1455
70	4000K - CRI>80	2x160	12849	10407	149	2x80W fluo	1455

## INSTALLAZIONE / INSTALLATION

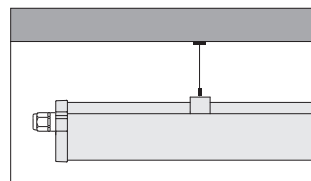
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

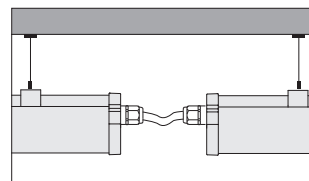
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

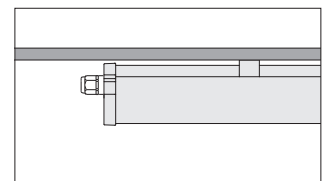
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC).

Continuous row installation (FC option).

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.



# DEA 2

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato sigillato con guarnizione siliconica con sportello per ispezione, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps, sealed with inspection door, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

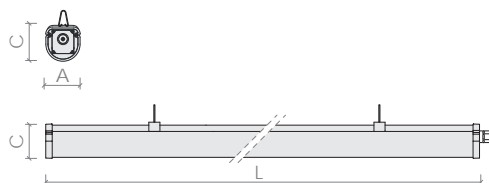
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2059		LD		30 = 3000°K (CRI >80)	10	50		EL = on/off
				40 = 4000°K (CRI >80)	22	51		LM = 1-10v
				50 = 5000°K (CRI >80)	23	60		LD = dali
				65 = 6500°K (CRI >80)	28	62		D1 = dali + em. 1h
				49 = 4000°K (CRI >90)	37	68		E1 = em. 1h
					46	72		E3 = em. 3h
								FC = fila continua/continuous row
								IC = ice -30°

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	92	605	92	1,3	0,008	120
<b>D2</b>	92	1155	92	2,2	0,012	100
<b>D3</b>	92	1455	92	3,5	0,018	80

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



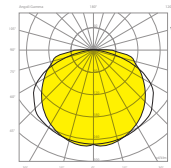
## Mod. LD

### Ottica

Corpo unico in policarbonato opale lucido estruso.

### Optic

Extruded satin opal polycarbonate body.



150°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

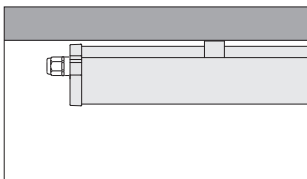
Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1091	109	1x18W fluo	605
22	4000K - CRI>80	1x64	3320	2689	122	2x18W fluo	605
23	4000K - CRI>80	1x64	3372	2731	119	1x36W fluo	1155
28	4000K - CRI>80	1x80	4438	3594	128	1x58W fluo	1455
37	4000K - CRI>80	1x128	6109	4948	134	2x36W fluo	1155
46	4000K - CRI>80	1x128	8142	6595	143	2x54W fluo	1155
50	4000K - CRI>80	1x128	8208	6648	133	2x54W fluo	1155
51	4000K - CRI>80	1x160	8038	6510	128	2x49W fluo	1455
60	4000K - CRI>80	1x160	9249	7491	125	2x58W fluo	1455
62	4000K - CRI>80	1x160	11019	8925	144	2x58W fluo	1455
68	4000K - CRI>80	1x160	11152	9033	133	2x80W fluo	1455
72	4000K - CRI>80	1x160	11856	9603	133	2x80W fluo	1455

## INSTALLAZIONE / INSTALLATION

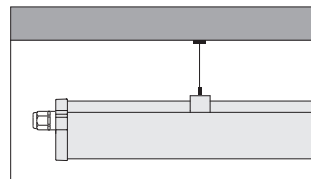
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

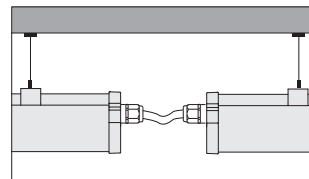
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

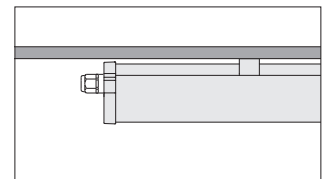
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC).

Continuous row installation (FC option).

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# DEA 3

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato sigillato con guarnizione siliconica con sportello per ispezione, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps, sealed with inspection door, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION




## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <10% LOW flicker | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

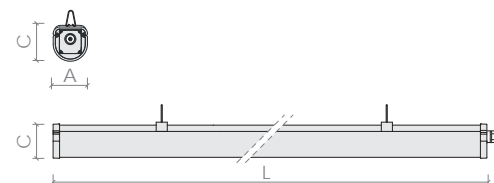
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2054		LD		30 = 3000°K (CRI >80)		09		EL = on/off
				40 = 4000°K (CRI >80)		19		LM = 1-10v
				50 = 5000°K (CRI >80)		20		LD = dali
				65 = 6500°K (CRI >80)		24		D1 = dali + em. 1h
				49 = 4000°K (CRI >90)		36		E1 = em. 1h
						42		E3 = em. 3h
						54		FC = fila continua/continuous row
								IC = ice -30°

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	92	605	92	1,3	0,008	120
<b>D2</b>	92	1155	92	2,2	0,012	100
<b>D3</b>	92	1455	92	3,5	0,018	80

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



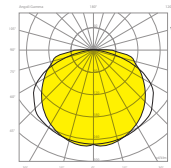
## Mod. LD

### Ottica

Corpo unico in policarbonato opale lucido estruso.

### Optic

Extruded satin opal polycarbonate body.



150°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

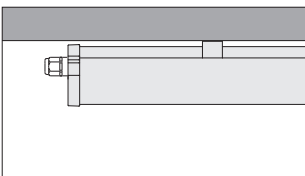
Surface and suspension mounting system and clip suspension included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
9	4000K - CRI>80	1x32	1347	1091	121	1x18W fluo	605
19	4000K - CRI>80	1x64	2695	2182	115	2x18W fluo	605
20	4000K - CRI>80	1x64	2695	2182	109	1x36W fluo	1155
24	4000K - CRI>80	1x80	3369	2728	114	1x58W fluo	1455
36	4000K - CRI>80	1x128	5390	4365	121	2x36W fluo	1155
42	4000K - CRI>80	1x160	6737	5456	130	2x49W fluo	1455
54	4000K - CRI>80	1x150	8200	6642	123	2x58W fluo	1455

## INSTALLAZIONE / INSTALLATION

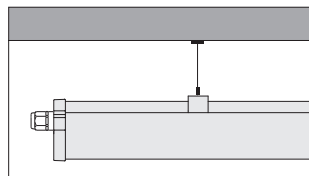
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

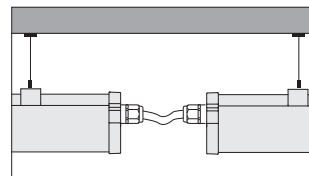
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

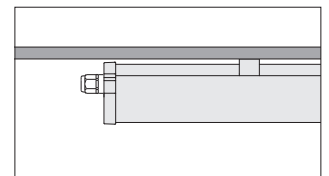
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua. (Opzione FC).

Continuous row installation (FC option).

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# DEA 4

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in estrusione di policarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in policarbonato sigillato con guarnizione siliconica con sportello per ispezione, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended fixture. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps, sealed with inspection door, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

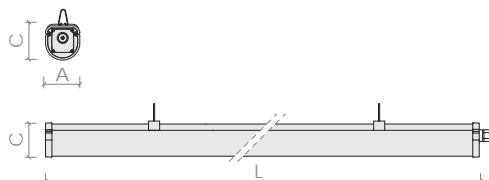
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2053		LD		30 = 3000°K (CRI >80)	10	50		EL = on/off
		LA		40 = 4000°K (CRI >80)	22	51		LM = 1-10v
		LC		50 = 5000°K (CRI >80)	23	60		LD = dali
				65 = 6500°K (CRI >80)	28	62		D1 = dali + em. 1h
				49 = 4000°K (CRI >90)	37	68		E1 = em. 1h
					46	72		E3 = em. 3h
								FC = fila continua/continuous row
								IC = ice -30°

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	92	605	92	1,3	0,008	120
<b>D2</b>	92	1155	92	2,2	0,012	100
<b>D3</b>	92	1455	92	3,5	0,018	80

## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>





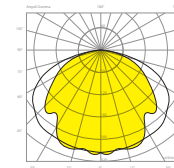
## Mod. LD

### Optica

Corpo unico in policarbonato satinato liscio estruso. Riflettore diffusente.

### Optic

Extruded smooth satin polycarbonate body. Wide beam.



150°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1104	110	1x18W fluo	605
22	4000K - CRI>80	1x64	3320	2722	124	2x18W fluo	605
23	4000K - CRI>80	1x64	3372	2765	120	1x36W fluo	1155
28	4000K - CRI>80	1x80	4438	3639	130	1x58W fluo	1455
37	4000K - CRI>80	1x128	6109	5009	135	2x36W fluo	1155
46	4000K - CRI>80	1x128	8142	6676	145	2x54W fluo	1155
50	4000K - CRI>80	1x128	8208	6730	135	2x54W fluo	1155
51	4000K - CRI>80	1x160	8038	6591	129	2x49W fluo	1455
60	4000K - CRI>80	1x160	9249	7584	126	2x58W fluo	1455
62	4000K - CRI>80	1x160	11019	9035	146	2x58W fluo	1455
68	4000K - CRI>80	1x160	11152	9144	134	2x80W fluo	1455
72	4000K - CRI>80	1x160	11856	9721	135	2x80W fluo	1455



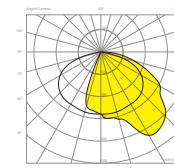
## Mod. LA

### Optica

Corpo unico in policarbonato satinato liscio estruso. Riflettore asimmetrico.

### Optic

Extruded smooth satin polycarbonate body. Asymmetric.



45°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1041	104	1x18W fluo	605
22	4000K - CRI>80	1x64	3320	2566	117	2x18W fluo	605
23	4000K - CRI>80	1x64	3372	2606	113	1x36W fluo	1155
28	4000K - CRI>80	1x80	4438	3430	123	1x58W fluo	1455
37	4000K - CRI>80	1x128	6109	4722	128	2x36W fluo	1155
46	4000K - CRI>80	1x128	8142	6293	137	2x54W fluo	1155
50	4000K - CRI>80	1x128	8208	6344	127	2x54W fluo	1155
51	4000K - CRI>80	1x160	8038	6213	122	2x49W fluo	1455
60	4000K - CRI>80	1x160	9249	7149	119	2x58W fluo	1455
62	4000K - CRI>80	1x160	11019	8517	137	2x58W fluo	1455
68	4000K - CRI>80	1x160	11152	8620	127	2x80W fluo	1455
72	4000K - CRI>80	1x160	11856	9164	127	2x80W fluo	1455



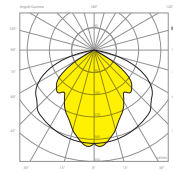
## Mod. LC

### Ottica

Corpo unico in policarbonato satinato liscio estruso, Riflettore concentrante.

### Optic

Extruded smooth satin polycarbonate body. Narrow beam.



60°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

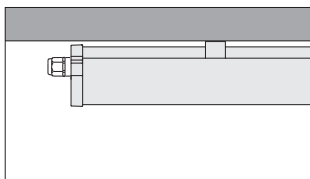
Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1096	110	1x18W fluo	605
22	4000K - CRI>80	1x64	3320	2702	123	2x18W fluo	605
23	4000K - CRI>80	1x64	3372	2744	119	1x36W fluo	1155
28	4000K - CRI>80	1x80	4438	3612	129	1x58W fluo	1455
37	4000K - CRI>80	1x128	6109	4972	134	2x36W fluo	1155
46	4000K - CRI>80	1x128	8142	6627	144	2x54W fluo	1155
50	4000K - CRI>80	1x128	8208	6681	134	2x54W fluo	1155
51	4000K - CRI>80	1x160	8038	6542	128	2x49W fluo	1455
60	4000K - CRI>80	1x160	9249	7528	125	2x58W fluo	1455
62	4000K - CRI>80	1x160	11019	8969	145	2x58W fluo	1455
68	4000K - CRI>80	1x160	11152	9077	133	2x80W fluo	1455
72	4000K - CRI>80	1x160	11856	9650	134	2x80W fluo	1455

## INSTALLAZIONE / INSTALLATION

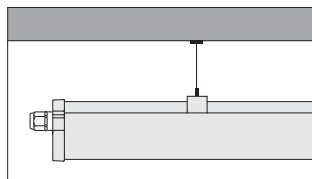
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

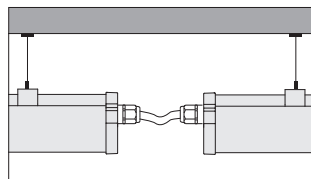
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

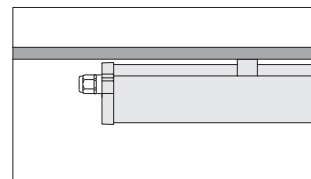
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC).

Continuous row installation (FC option).

### Installazione a blindosbarra Busbar installation



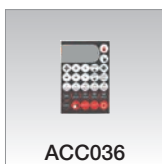
Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

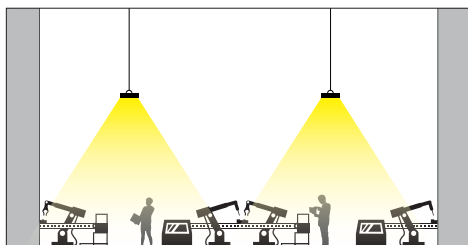
**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

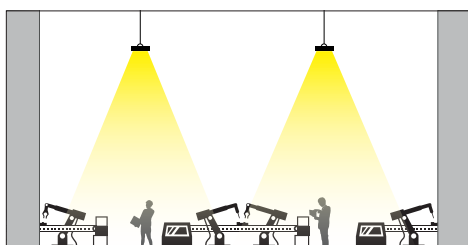
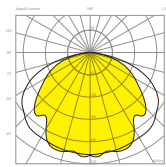
## APPLICAZIONI / APPLICATION



Utilizzo dell'ottica extra diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area up to 5/9 meter height.

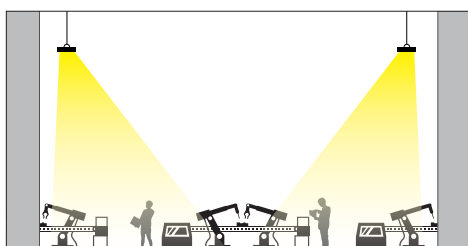
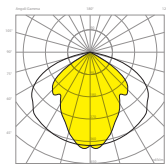
Mod. LD



Utilizzo dell'ottica concentrante per l'illuminazione un'area di lavoro con installazione elevata.

Narrow beam fixture used in work areas with high height.

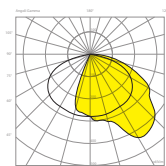
Mod. LC



Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

Mod. LA





# TOPAZIO

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in policarbonato autoestinguente V2, stampato ad iniezione, riflettore porta componenti in lamiera preverniciata di colore bianco, ganci di chiusura in nylon rinforzati in fibra di vetro, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended surface fixture. V2 auto-extinguishing polycarbonate body, injection moulded, reflector with component support in prepainted white steel, nylon + glass fiber locking clips, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

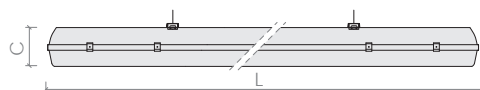
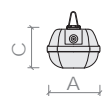
220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
2050		LD	30 = 3000°K (CRI >80)	09	EL	= on/off
		LC	40 = 4000°K (CRI >80)	13	LM	= 1-10v
		EW	50 = 5000°K (CRI >80)	19	LD	= dali
			65 = 6500°K (CRI >80)	23	D1	= dali + em. 1h
			49 = 4000°K (CRI >90)	27	E1	= em. 1h
				29	E3	= em. 3h
				30	FC	= fila continua/continuous row
				36	CR	= connettore rapido / rapid connector
				37	IN	= clips inox
				50	AB	= on/off (ABS+PMMA+CLIPS INOX)
				59	AM	= 1-10v (ABS+PMMA+CLIPS INOX)
				64	AD	= dali (ABS+PMMA+CLIPS INOX)
				70	A1	= em. 1h (ABS+PMMA+CLIPS INOX)

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	145	662	100	2,0	0,008	120
<b>D2</b>	145	1272	100	3,5	0,018	85
<b>D3</b>	145	1572	100	4,7	0,026	85



## Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



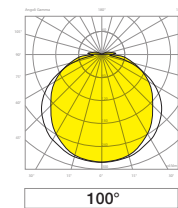
## Mod. LD

### Optica

Coppa in policarbonato traslucido, stabilizzato UV e resistente agli impatti. Ottica diffondente.

### Optic

Translucent polycarbonate, UV stable, impact-resistant diffuser. Wide beam.



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
9	4000K - CRI>80	2x64	1624	1299	144	1x18W fluo	662
13	4000K - CRI>80	2x64	2385	1908	147	2x18W fluo	662
19	4000K - CRI>80	2x64	3443	2754	145	2x18W fluo	662
23	4000K - CRI>80	2x64	3959	3167	138	1x36W fluo	1272
27	4000K - CRI>80	2x64	4700	3760	139	1x54W fluo	1272
29	4000K - CRI>80	2x64	4990	3992	138	2x24W fluo	662
30	4000K - CRI>80	2x80	5286	4228	141	1x58W fluo	1572
36	4000K - CRI>80	2x128	6945	5556	154	2x36W fluo	1272
37	4000K - CRI>80	2x80	6166	4932	133	2x49W fluo	1572
50	4000K - CRI>80	2x128	9622	7697	154	2x54W fluo	1272
59	4000K - CRI>80	2x160	11200	8960	152	2x58W fluo	1572
64	4000K - CRI>80	2x160	12027	9621	150	2x58W fluo	1572
70	4000K - CRI>80	2x160	12849	10279	147	2x80W fluo	1572



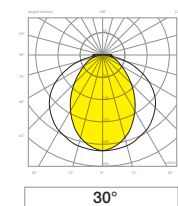
## Mod. LC

### Optica

Coppa in policarbonato traslucido, stabilizzato UV e resistente agli impatti. Ottica concentrante.

### Optic

Translucent polycarbonate, UV stable, impact-resistant diffuser. Narrow beam.



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
9	4000K - CRI>80	2x64	1624	1291	143	1x18W fluo	662
13	4000K - CRI>80	2x64	2385	1896	146	2x18W fluo	662
19	4000K - CRI>80	2x64	3443	2737	144	2x18W fluo	662
23	4000K - CRI>80	2x64	3959	3147	137	1x36W fluo	1272
27	4000K - CRI>80	2x64	4700	3736	138	1x54W fluo	1272
29	4000K - CRI>80	2x64	4990	3967	137	2x24W fluo	662
30	4000K - CRI>80	2x80	5286	4202	140	1x58W fluo	1572
36	4000K - CRI>80	2x128	6945	5521	153	2x36W fluo	1272
37	4000K - CRI>80	2x80	6166	4901	132	2x49W fluo	1572
50	4000K - CRI>80	2x128	9622	7649	153	2x54W fluo	1272
59	4000K - CRI>80	2x160	11200	8904	151	2x58W fluo	1572
64	4000K - CRI>80	2x160	12027	9561	149	2x58W fluo	1572
70	4000K - CRI>80	2x160	12849	10214	146	2x80W fluo	1572



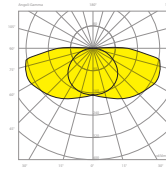
## Mod. EW

### Optica

Coppa in policarbonato traslucido, stabilizzato UV e resistente agli impatti. Ottica extra diffondente.

### Optic

Translucent polycarbonate, UV stable, impact-resistant diffuser. Extra wide beam.



180°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

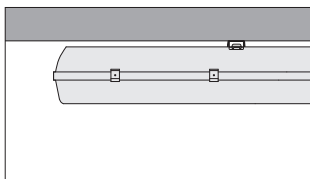
Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
9	4000K - CRI>80	2x64	1624	1136	126	1x18W fluo	662
13	4000K - CRI>80	2x64	2385	1669	128	2x18W fluo	662
19	4000K - CRI>80	2x64	3443	2410	127	2x18W fluo	662
23	4000K - CRI>80	2x64	3959	2771	120	1x36W fluo	1272
27	4000K - CRI>80	2x64	4700	3290	122	1x54W fluo	1272
29	4000K - CRI>80	2x64	4990	3493	120	2x24W fluo	662
30	4000K - CRI>80	2x80	5286	3700	123	1x58W fluo	1572
36	4000K - CRI>80	2x128	6945	4861	135	2x36W fluo	1272
37	4000K - CRI>80	2x80	6166	4316	117	2x49W fluo	1572
50	4000K - CRI>80	2x128	9622	6735	135	2x54W fluo	1272
59	4000K - CRI>80	2x160	11200	7840	133	2x58W fluo	1572
64	4000K - CRI>80	2x160	12027	8418	132	2x58W fluo	1572
70	4000K - CRI>80	2x160	12849	8994	128	2x80W fluo	1572

## INSTALLAZIONE / INSTALLATION

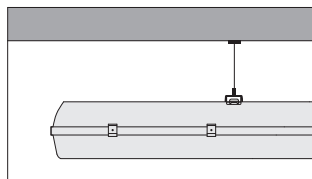
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

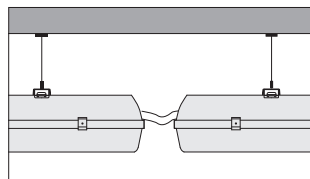
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

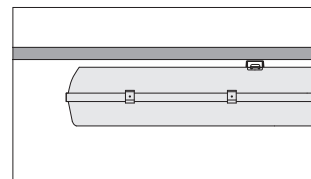
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC).

Continuous row installation (FC option).

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135



ACC151



ACC152



ACC153

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

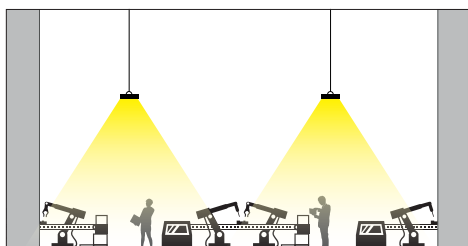
**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC151** Kit composto da 6 clip inox per apparecchio da 662mm di lunghezza.  
Kit with 6 stainless steel clips for 662mm long luminaire.

**ACC152** Kit composto da 10 clip inox per apparecchio da 1272mm di lunghezza.  
Kit with 10 stainless steel clips for 1272mm long luminaire.

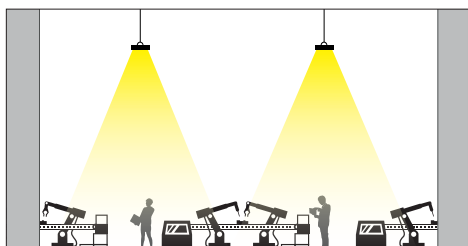
**ACC153** Kit composto da 12 clip inox per apparecchio da 1572mm di lunghezza.  
Kit with 12 stainless steel clips for 1572mm long luminaire.

## APPLICAZIONI / APPLICATION



Utilizzo dell'ottica extra diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area up to 5/9 meter height.

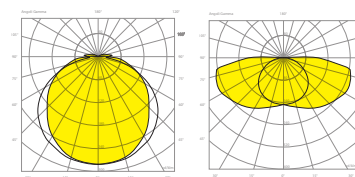


Utilizzo dell'ottica concentrante per l'illuminazione un'area di lavoro con installazione elevata.

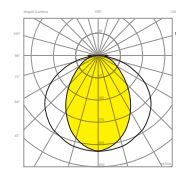
Narrow beam fixture used in work areas with high height.

Mod. LD

Mod. EW



Mod. LC



# TOPAZIO HT

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in policarbonato autoestinguente V2, stampato ad iniezione, riflettore porta componenti in lamiera preverniciata di colore bianco, ganci di chiusura in nylon rinforzati in fibra di vetro, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended surface fixture. V2 auto-extinguishing polycarbonate body, injection moulded, reflector with component support in prepainted white steel, nylon + glass fiber locking clips, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



## CARATTERISTICHE / MAIN FEATURES

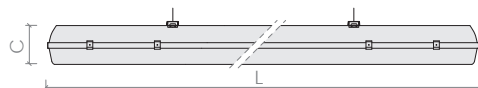
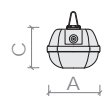


## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
2049		LD	30 = 3000°K (CRI >80)		36	EL = on/off
		LC	40 = 4000°K (CRI >80)		50	LM = 1-10v
			50 = 5000°K (CRI >80)			LD = dali
			65 = 6500°K (CRI >80)			D1 = dali + em. 1h
			49 = 4000°K (CRI >90)			E1 = em. 1h
						E3 = em. 3h
						FC = fila continua/continuous row
						CR = connettore rapido / rapid connector
						IN = clips inox
						AB = on/off (ABS+PMMA+CLIPS INOX)
						AM = 1-10v (ABS+PMMA+CLIPS INOX)
						AD = dali (ABS+PMMA+CLIPS INOX)
						A1 = em. 1h (ABS+PMMA+CLIPS INOX)

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	145	1272	100	3,5	0,018	85





-25°C  
+55°C

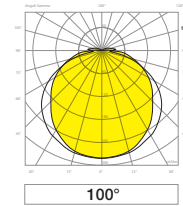
## Mod. LD

### Ottica

Coppa in policarbonato traslucido, stabilizzato UV e resistente agli impatti. Ottica diffondente.

### Optic

Translucent polycarbonate, UV stable, impact-resistant diffuser. Wide beam.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
36	4000K - CRI>80	2x128	6945	5556	154	2x36W fluo	1272
50	4000K - CRI>80	2x128	9622	7697	154	2x54W fluo	1272



-25°C  
+55°C

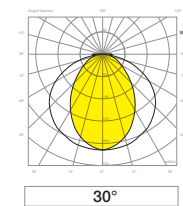
## Mod. LC

### Ottica

Coppa in policarbonato traslucido, stabilizzato UV e resistente agli impatti. Ottica concentrante.

### Optic

Translucent polycarbonate, UV stable, impact-resistant diffuser. Narrow beam.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
36	4000K - CRI>80	2x128	6945	5521	153	2x36W fluo	1272
50	4000K - CRI>80	2x128	9622	7649	153	2x54W fluo	1272

## ACCESSORI / ACCESSORIES



- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.
- ACC151** Kit composto da 6 clip inox per apparecchio da 662mm di lunghezza.  
Kit with 6 stainless steel clips for 662mm long luminaire.
- ACC152** Kit composto da 10 clip inox per apparecchio da 1272mm di lunghezza.  
Kit with 10 stainless steel clips for 1272mm long luminaire.
- ACC153** Kit composto da 12 clip inox per apparecchio da 1572mm di lunghezza.  
Kit with 12 stainless steel clips for 1572mm long luminaire.

# UNICA 2

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in policarbonato autoestinguente V2, stampato ad iniezione, riflettore porta componenti in lamiera preverniciata di colore bianco, ganci di chiusura in nylon rinforzati in fibra di vetro, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall mounted or suspended surface fixture. V2 auto-extinguishing polycarbonate body, injection moulded, reflector with component support in prepainted white steel, nylon + glass fiber locking clips, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



## CARATTERISTICHE / MAIN FEATURES

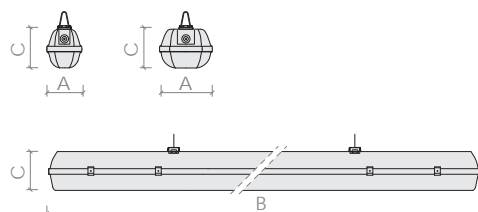
220 V<sub>≈</sub> 240
 
 -25°C / +45°C
 
 IP66
 
 IK08
 
 RG0
 
 CRI >80
 
 3 step MacAdam
 
 <10% LOW flicker
 
 L90-B10 >60.000h
 
 L80-B50 >100.000h

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+	Options
2057		LD	30	= 3000°K (CRI >80)	09	42		EL = on/off
		LC	40	= 4000°K (CRI >80)	19	50		LM = 1-10v
			50	= 5000°K (CRI >80)	20	54		LD = dali
			65	= 6500°K (CRI >80)	24	60		D1 = dali + em. 1h
			94	= 4000°K (CRI >90)	36	72		E1 = em. 1h
								E3 = em. 3h
								FC = fila continua/continuous row
								CR = connettore rapido / rapid connector
								IN = clips inox

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	145	662	100	1,3	0,008	120
<b>D2</b>	95	1272	100	2,2	0,012	120
<b>D3</b>	145	1272	100	3,5	0,018	85
<b>D4</b>	95	1572	100	2,9	0,018	100
<b>D5</b>	145	1572	100	4,7	0,026	85

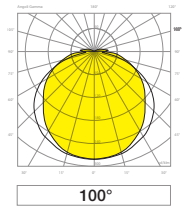




## Mod. LD

**Ottica** Coppa in policarbonato traslucido, stabilizzato UV e resistente agli impatti. Ottica diffondente.

**Optic** Translucent polycarbonate, UV stable, impact-resistant diffuser. Wide beam.



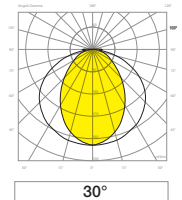
W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
9	1x32	4000	1347	1077	120	1x18W fluo	D1
19	1x64	4000	2695	2156	113	2x18W fluo	D1
20	1x64	4000	2695	2156	108	1x36W fluo	D2
24	1x80	4000	3369	2695	112	1x58W fluo	D4
36	1x128	4000	5390	4312	120	2x36W fluo	D3
42	1x160	4000	6737	5389	128	2x49W fluo	D5
50	1x128	4000	8208	6566	131	2x54W fluo	D3
54	1x150	4000	8200	6560	121	2x58W fluo	D5
60	1x160	4000	9249	7399	123	2x58W fluo	D5
72	1x160	4000	11856	9484	132	2x80W fluo	D5



## Mod. LC

**Ottica** Coppa in policarbonato traslucido, stabilizzato UV e resistente agli impatti. Ottica concentrante.

**Optic** Translucent polycarbonate, UV stable, impact-resistant diffuser. Narrow beam.



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
9	1x32	4000	1347	1074	119	1x18W fluo	D1
19	1x64	4000	2695	2150	113	2x18W fluo	D1
20	1x64	4000	2695	2150	108	1x36W fluo	D2
24	1x80	4000	3369	2688	112	1x58W fluo	D4
36	1x128	4000	5390	4301	120	2x36W fluo	D3
42	1x160	4000	6737	5376	128	2x49W fluo	D5
50	1x128	4000	8208	6549	131	2x54W fluo	D3
54	1x150	4000	8200	6543	121	2x58W fluo	D5
60	1x160	4000	9249	7380	123	2x58W fluo	D5
72	1x160	4000	11856	9461	131	2x80W fluo	D5

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC151** Kit composto da 6 clip inox per apparecchio da 662mm di lunghezza.  
Kit with 6 stainless steel clips for 662mm long luminaire.

**ACC152** Kit composto da 10 clip inox per apparecchio da 1272mm di lunghezza.  
Kit with 10 stainless steel clips for 1272mm long luminaire.

**ACC153** Kit composto da 12 clip inox per apparecchio da 1572mm di lunghezza.  
Kit with 12 stainless steel clips for 1572mm long luminaire.



# MINERVA

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore silver, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura in alluminio trafilato, vetro temperato resistente agli urti e agli shock termici, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN/IEC 60598-1:2018.

Waterproof ceiling mounted or suspended fixture. Steel body, painted with epoxy polyester powders silver color, with phosphate and degreasing pretreatment, extruded aluminium locking clips, tempered protection glass, impacts and thermal shocks resistant, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION




### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

 RAL 9006

### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>




## CARATTERISTICHE / MAIN FEATURES

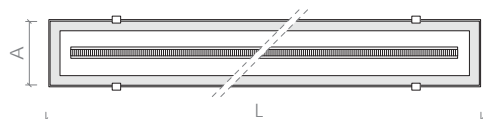
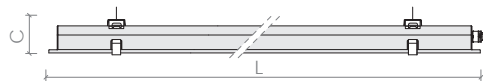
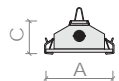


## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
2058		VT	3 = 3000°K (CRI >80)		010	050	EL = on/off
		S5	4 = 4000°K (CRI >80)		021	053	LM = 1-10v
		EL	5 = 5000°K (CRI >80)		023	060	LD = dali
		VA	6 = 6500°K (CRI >80)		028	068	D1 = dali + em. 1h
			9 = 4000°K (CRI >90)		029	072	E1 = em. 1h
					037	100	E3 = em. 3h
					046	120	FC = fila continua/continuous row
							VA = vetro acidato / acid-etched glass
							VI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	185	660	75	5,5	0,008	120
<b>D2</b>	185	1270	75	6,5	0,012	100
<b>D3</b>	185	1570	75	7,7	0,018	80





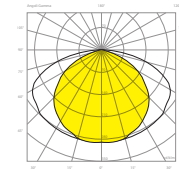
## Mod. VT

### Ottica

Riflettore extra diffondente in alluminio preverniciato bianco, vetro trasparente temperato.

### Optic

Extra wide beam prepainted white aluminium reflector, clear tempered glass.



100°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

Surface or suspension clip mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1104	110	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2614	124	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2765	120	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3639	130	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3854	133	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	5009	135	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6559	143	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6730	135	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7433	140	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7584	126	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	9144	134	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9721	135	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13621	136	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	17027	142	4x58W fluo	1570



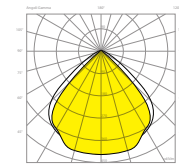
## Mod. S5

### Ottica

Ottica diffondente 90° in PMMA, vetro trasparente temperato.

### Optic

90° wide beam in PMMA optic, clear tempered glass.



90°

UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

Surface or suspension clip mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1064	106	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2518	120	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2663	116	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3506	125	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3713	128	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4826	130	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6319	137	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6484	130	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7161	135	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7306	122	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8810	130	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9366	130	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13123	131	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16404	137	4x58W fluo	1570



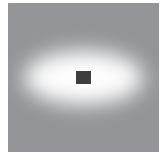
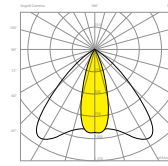
## Mod. EL

### Ottica

Ottica ellittica 90/30° in PMMA, vetro trasparente temperato.

### Optic

90/30° elliptical PMMA optic, clear tempered glass.



90/30° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

Surface or suspension clip mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1081	108	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2559	122	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2707	118	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3563	127	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3774	130	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4905	133	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6423	140	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6591	132	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7279	137	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7426	124	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8955	132	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9520	132	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13339	133	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16674	139	4x58W fluo	1570



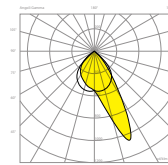
## Mod. VA

### Ottica

Ottica asimmetrica 45° in PMMA, vetro trasparente temperato.

### Optic

45° asymmetric PMMA optic, clear tempered glass.



45°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio esterno tramite connettore rapido a pannello.

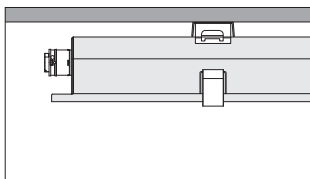
### Equipment

Surface or suspension clip mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1077	108	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2550	121	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2697	117	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3550	127	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3760	130	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4887	132	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6399	139	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6566	131	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7252	137	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7399	123	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8921	131	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9484	132	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13289	133	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16612	138	4x58W fluo	1570

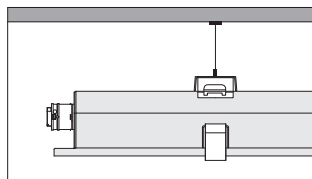
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

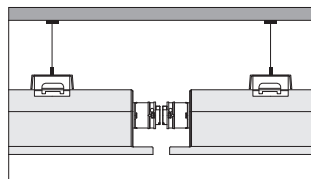
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

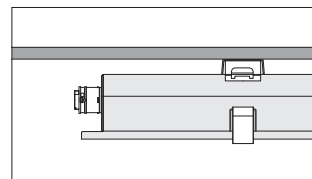
Installazione in fila continua  
Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC).

Continuous row installation (FC option).

Installazione a blindosbarra  
Busbar installation



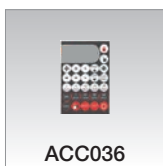
Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



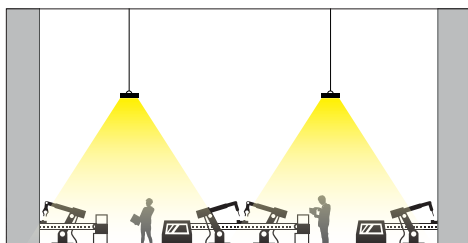
ACC134



ACC135

- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

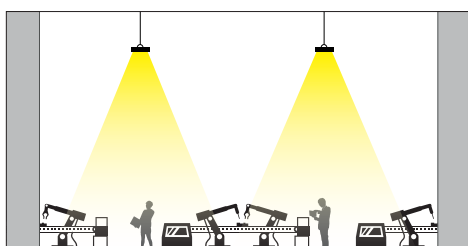
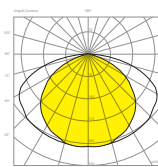
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica extra diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area up to 5/9 meter height.

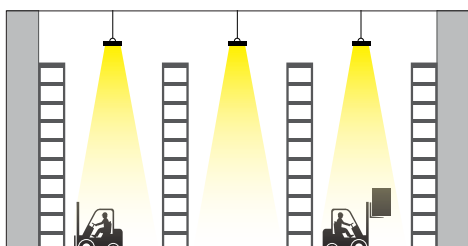
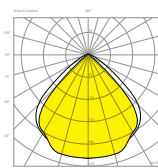
Mod. VT



Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in work areas with high height.

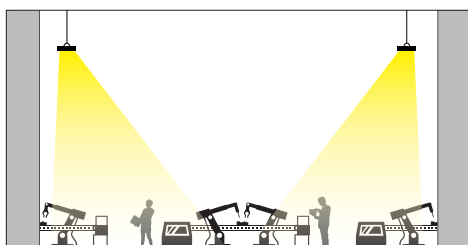
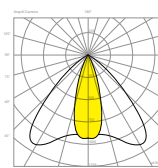
Mod. S5



Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

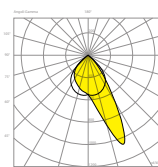
Mod. EL



Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

Mod. VA



# MINERVA 2

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore silver con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, diffusore in policarbonato microprismatico antiabbagliamento e antiriflesso adatto ad ambienti alimentari con telai a tenuta stagna in lamiera d'acciaio verniciata a colore, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN/IEC 60598-1:2018.

Waterproof ceiling mounted or suspended fixture. Steel body, painted with epoxy polyester powders silver color, with phosphate and degreasing pretreatment, anti-glare and anti-reflective microprismatic polycarbonate diffuser suitable for food industry, with white painted IP65 steel frame, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

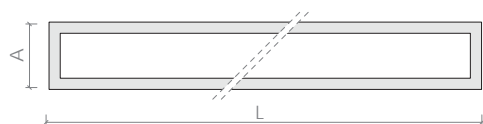
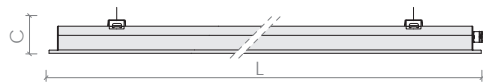
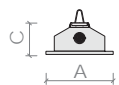
220 V<sub>≈</sub> 240 V | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2158		P9		3 = 3000°K (CRI >80)	010	050		EL = on/off
				4 = 4000°K (CRI >80)	021	053		LM = 1-10v
				5 = 5000°K (CRI >80)	023	060		LD = dali
				6 = 6500°K (CRI >80)	028	068		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)	029	072		E1 = em. 1h
					037	100		E3 = em. 3h
					046	120		FC = fila continua/continuous row
								VA = vetro acidato / acid-etched glass
								VI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	185	660	75	5,5	0,008	120
<b>D2</b>	185	1270	75	6,5	0,012	100
<b>D3</b>	185	1570	75	7,7	0,018	80



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

RAL 9006

### Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**

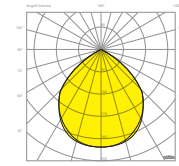
## Mod. P9

### Ottica

Riflettore in alluminio preverniciato bianco, diffusore in policarbonato microprismatico.

### Optic

Prepainted white aluminium reflector, microprismatic polycarbonate diffuser



90° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

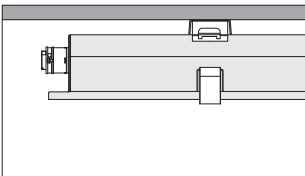
Surface or suspension clip mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
10	4000K - CRI>80	1x32	1347	1010	101	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2391	114	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2529	110	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3328	119	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3525	122	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4581	124	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	5999	130	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6156	123	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	6798	128	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	6936	116	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8364	123	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	8892	124	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	12459	125	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	15573	130	4x58W fluo	1570

## INSTALLAZIONE / INSTALLATION

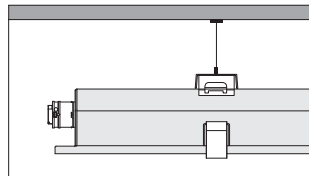
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

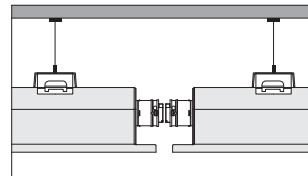
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

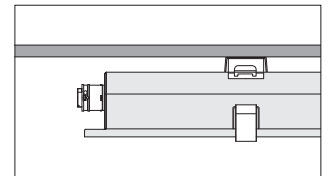
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC)

Continuous row installation (FC option)

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# MINERVA INOX

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Corpo costruito in lamiera d'acciaio inox AISI 304, vetro temperato resistente agli urti e agli shock termici, pressacavo in ottone nichelato, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN/IEC 60598-1:2018.

Waterproof ceiling mounted or suspended fixture. AISI 304 stainless steel body, tempered protection glass, impacts and thermal shocks resistant, nickel-plated brass cable gland, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

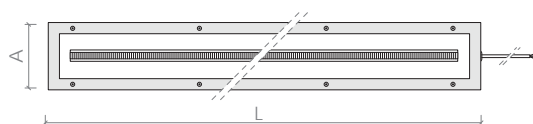
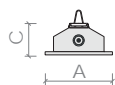
220 V<sub>≈</sub> 240 V | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
2052		VT	3 = 3000°K (CRI >80)		010	050	EL = on/off
		S5	4 = 4000°K (CRI >80)		021	053	LM = 1-10v
		EL	5 = 5000°K (CRI >80)		023	060	LD = dali
		VA	6 = 6500°K (CRI >80)		028	068	D1 = dali + em. 1h
			9 = 4000°K (CRI >90)		029	072	E1 = em. 1h
					037	100	E3 = em. 3h
					046	120	FC = fila continua/continuous row
							VA = vetro acidato / acid-etched glass
							VI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	185	660	75	5,5	0,008	120
<b>D2</b>	185	1270	75	6,5	0,012	100
<b>D3</b>	185	1570	75	7,7	0,018	80



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



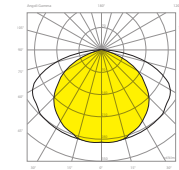
## Mod. VT

### Ottica

Riflettore extra diffondente in alluminio preverniciato bianco, vetro trasparente temperato.

### Optic

Extra wide beam pre-painted white aluminium reflector, clear tempered glass.



100°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1104	110	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2614	124	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2765	120	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3639	130	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3854	133	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	5009	135	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6559	143	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6730	135	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7433	140	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7584	126	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	9144	134	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9721	135	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13621	136	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	17027	142	4x58W fluo	1570



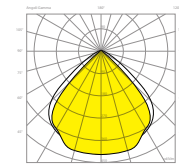
## Mod. S5

### Ottica

Ottica diffondente 90° in PMMA, vetro trasparente temperato.

### Optic

90° wide beam in PMMA optic, clear tempered glass.



90°

UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1064	106	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2518	120	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2663	116	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3506	125	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3713	128	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4826	130	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6319	137	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6484	130	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7161	135	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7306	122	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8810	130	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9366	130	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13123	131	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16404	137	4x58W fluo	1570





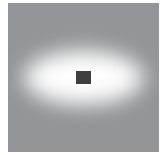
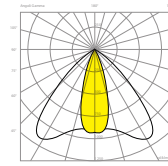
## Mod. EL

### Ottica

Ottica ellittica 90/30° in PMMA, vetro trasparente temperato.

### Optic

Elliptical 90/30° PMMA optic, clear tempered glass.



90/30° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1081	108	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2559	122	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2707	118	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3563	127	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3774	130	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4905	133	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6423	140	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6591	132	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7279	137	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7426	124	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8955	132	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9520	132	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13339	133	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16674	139	4x58W fluo	1570



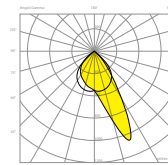
## Mod. VA

### Ottica

Ottica asimmetrica 45° in PMMA, vetro trasparente temperato.

### Optic

Asymmetric 45° PMMA optic, clear tempered glass.



45°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

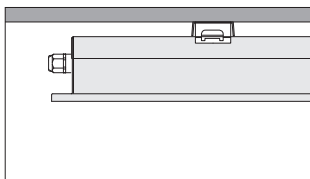
### Equipment

Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1077	108	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2550	121	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2697	117	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3550	127	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3760	130	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4887	132	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6399	139	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6566	131	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7252	137	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7399	123	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8921	131	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9484	132	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13289	133	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16612	138	4x58W fluo	1570

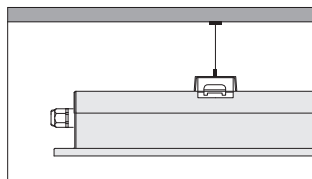
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

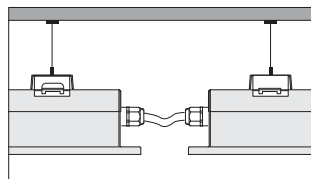
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

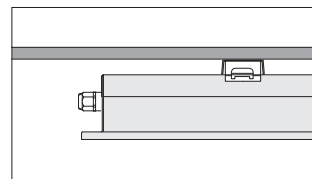
Installazione in fila continua  
Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC)

Continuous row installation (FC option)

Installazione a blindosbarra  
Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



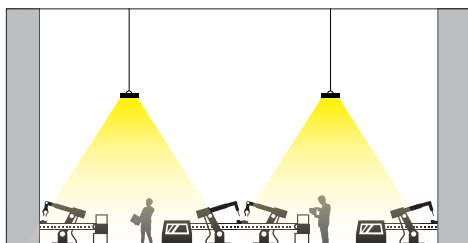
ACC134



ACC135

- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

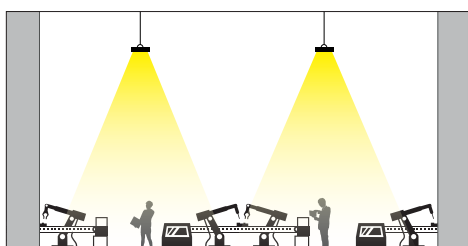
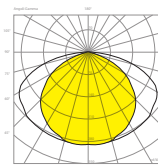
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica extra diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area up to 5/9 meter height.

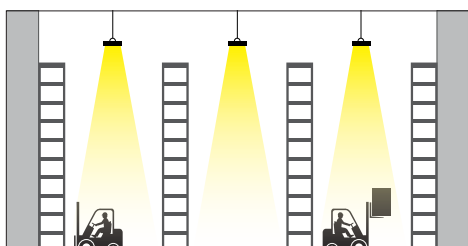
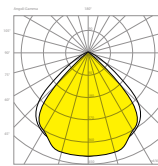
Mod. VT



Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in work areas with high height.

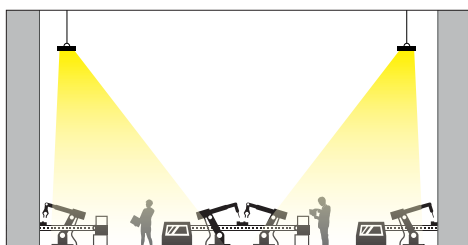
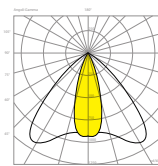
Mod. S5



Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

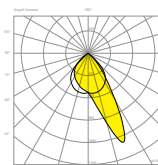
Mod. EL



Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

Mod. VA



# MINERVA INOX 2

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Corpo costruito in lamiera d'acciaio inox AISI 304, diffusore in policarbonato microprismatico antiabbagliamento e antiriflesso adatto ad ambienti alimentari con telaio a tenuta stagna acciaio inox, pressacavo in ottone nichelato, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN/IEC 60598-1:2018.

Waterproof ceiling mounted or suspended fixture. AISI 304 stainless steel body, anti-glare and anti-reflective microprismatic polycarbonate diffuser suitable for food industry, with stainless steel IP65 frame and nickel-plated brass cable gland, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

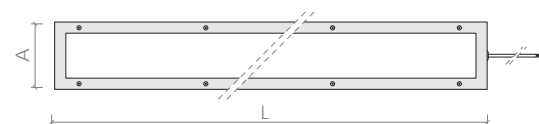
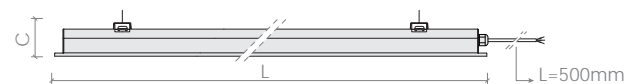
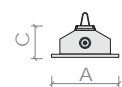
220 V<sub>≈</sub> 240 V<sub>±</sub> | -25°C | +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
2152		P9	3	= 3000°K (CRI >80)	010	050	EL = on/off
			4	= 4000°K (CRI >80)	021	053	LM = 1-10v
			5	= 5000°K (CRI >80)	023	060	LD = dali
			6	= 6500°K (CRI >80)	028	068	D1 = dali + em. 1h
			9	= 4000°K (CRI >90)	029	072	E1 = em. 1h
					037	100	E3 = em. 3h
					046	120	FC = fila continua/continuous row
							VA = vetro acidato / acid-etched glass
							VI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	185	660	75	5,5	0,008	120
<b>D2</b>	185	1270	75	6,5	0,012	100
<b>D3</b>	185	1570	75	7,7	0,018	80



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>

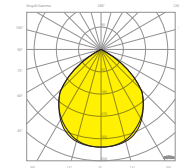
## Mod. P9

### Ottica

Riflettore in alluminio preverniciato bianco, diffusore in policarbonato microprismatico.

### Optic

Prepainted white aluminium reflector, microprismatic polycarbonate diffuser



90° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm.

### Equipment

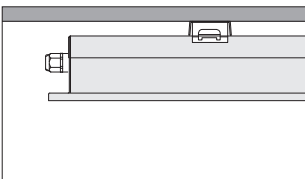
Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1010	101	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2391	114	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2529	110	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3328	119	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3525	122	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4581	124	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	5999	130	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6156	123	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	6798	128	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	6936	116	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8364	123	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	8892	124	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	12459	125	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	15573	130	4x58W fluo	1570

## INSTALLAZIONE / INSTALLATION

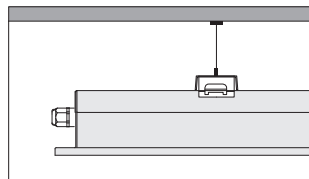
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

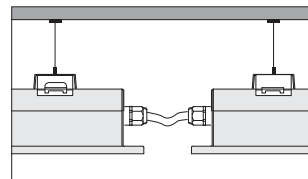
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

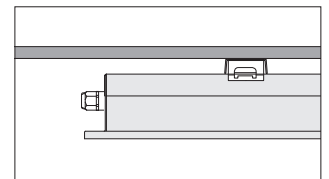
### Installazione in fila continua Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC)

Continuous row installation (FC option)

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).



ACC133



ACC134



ACC135

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# TITAN

Apparecchio stagno a plafone con installazione a soffitto, parete, canale a sospensione. Costruito in acciaio inox AISI 304 imbutito in un unico pezzo di elevata resistenza meccanica, vetro temperato resistente agli urti e agli shock termici, ganci di chiusura in acciaio inox, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof ceiling or wall or suspended mounted surface fixture. Pressed AISI 304 stainless steel body, single piece drawn to provide high mechanical strength, tempered protection glass, impacts and thermal shocks resistant, stainless steel latches, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> 240 | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
2051		VT	3 = 3000°K (CRI >80)		023	EL = on/off
			4 = 4000°K (CRI >80)		028	LM = 1-10v
			5 = 5000°K (CRI >80)		037	LD = dali
			6 = 6500°K (CRI >80)		051	D1 = dali + em. 1h
			9 = 4000°K (CRI >90)		060	E1 = em. 1h
					068	E3 = em. 3h
					100	
					120	

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	200	1305	95	7,5	0,035	40
<b>D2</b>	200	1605	95	8,5	0,045	40

### Dotazione

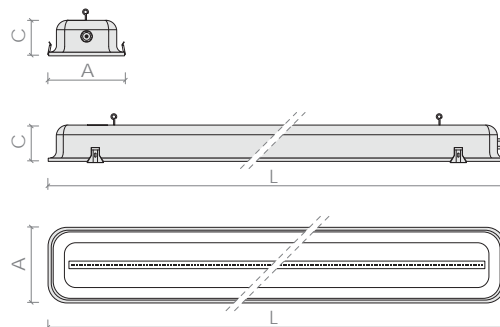
Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



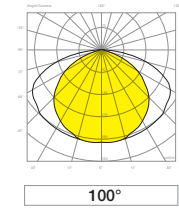
## Mod. VT

### Ottica

Riflettore extra diffondente in alluminio preverniciato bianco, vetro trasparente temperato.

### Optic

Extra wide beam prepainted white aluminium reflector, clear tempered glass.



### Dotazione

Sistema di fissaggio con occhielli incluso. Pressacavo in acciaio inox.

### Equipment

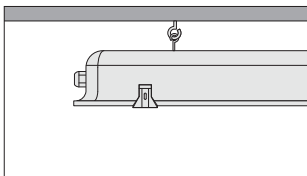
Mounting hooks included. Stainless steel cable gland.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
23	4000K - CRI>80	1x64	3372	2677	116	1x36W fluo	1305
28	4000K - CRI>80	1x80	4438	3523	126	1x58W fluo	1605
37	4000K - CRI>80	1x128	6109	4849	131	2x36W fluo	1305
51	4000K - CRI>80	1x160	8038	6381	125	2x49W fluo	1605
60	4000K - CRI>80	1x160	9249	7342	122	2x58W fluo	1605
68	4000K - CRI>80	1x160	11152	8853	130	2x80W fluo	1605
100	4000K - CRI>80	2x128	16416	13032	130	4x54W fluo	1305
120	4000K - CRI>80	2x160	20765	16485	137	4x58W fluo	1605

## INSTALLAZIONE / INSTALLATION

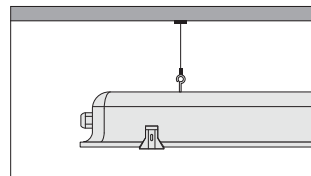
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

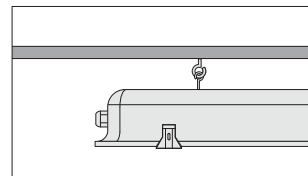
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# GIOTTO

Riflettore industriale e commerciale a sospensione. Corpo in alluminio trafilato verniciato con polveri in epossipoliestere colore silver con finitura goffrata fine, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura in acciaio, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Extruded aluminum body, painted with epoxy-polyester powders in silver color with fine embossed finish, with pre-treatment of phosphating and degreasing, stainless steel closing clips, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

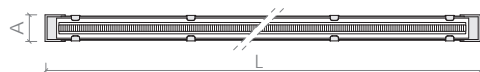
| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
3001		SU	3 = 3000°K (CRI >80)		010	046	GL = on/off
		S5	4 = 4000°K (CRI >80)		021	051	GM = 1-10v
		EL	5 = 5000°K (CRI >80)		023	053	GD = dali
		AU	6 = 6500°K (CRI >80)		028	060	D1 = dali + em. 1h
			9 = 4000°K (CRI >90)		029	068	G1 = em. 1h
					037	072	G3 = em. 3h
							GC = fila continua/continuous row
							GA = vetro acidato / acid-etched glass
							GI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	70	680	90	1,9	0,006	120
<b>D2</b>	70	1240	90	3,4	0,010	100
<b>D3</b>	70	1520	90	4,2	0,013	80



RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



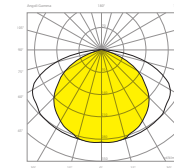
## Mod. SU

### Ottica

Riflettore extra diffondente in alluminio verniciato bianco, vetro trasparente temperato.

### Optic

Extra wide beam pre-painted white aluminium reflector, clear tempered glass.



150°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm.

### Equipment

Surface or suspension mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1097	110	1x18W fluo	680
21	4000K - CRI>80	1x64	3188	2598	124	2x18W fluo	680
23	4000K - CRI>80	1x64	3372	2748	119	1x36W fluo	1240
28	4000K - CRI>80	1x80	4438	3616	129	1x58W fluo	1520
29	4000K - CRI>80	2x64	4700	3830	132	2x24W fluo	680
37	4000K - CRI>80	1x128	6109	4978	135	2x36W fluo	1240
46	4000K - CRI>80	1x128	7999	6519	142	2x54W fluo	1240
51	4000K - CRI>80	1x160	8038	6550	128	2x49W fluo	1520
53	4000K - CRI>80	2x128	9065	7387	139	2x54W fluo	1240
60	4000K - CRI>80	1x160	9249	7587	126	2x58W fluo	1520
68	4000K - CRI>80	1x160	11152	9088	134	2x80W fluo	1520
72	4000K - CRI>80	1x160	11856	9662	134	2x80W fluo	1520



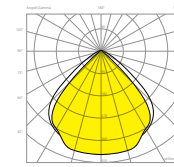
## Mod. S5

### Ottica

Ottica diffondente 90° in PMMA, vetro trasparente temperato.

### Optic

90° wide beam in PMMA optic, clear tempered glass.



90°

UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm.

### Equipment

Surface or suspension mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1064	106	1x18W fluo	680
21	4000K - CRI>80	1x64	3188	2518	120	2x18W fluo	680
23	4000K - CRI>80	1x64	3372	2663	116	1x36W fluo	1240
28	4000K - CRI>80	1x80	4438	3506	125	1x58W fluo	1520
29	4000K - CRI>80	2x64	4700	3713	128	2x24W fluo	680
37	4000K - CRI>80	1x128	6109	4826	130	2x36W fluo	1240
46	4000K - CRI>80	1x128	7999	6319	137	2x54W fluo	1240
51	4000K - CRI>80	1x160	8038	6350	125	2x49W fluo	1520
53	4000K - CRI>80	2x128	9065	7161	135	2x54W fluo	1240
60	4000K - CRI>80	1x160	9249	7306	122	2x58W fluo	1520
68	4000K - CRI>80	1x160	11152	8810	130	2x80W fluo	1520
72	4000K - CRI>80	1x160	11856	9366	130	2x80W fluo	1520





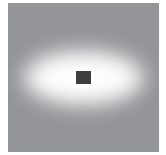
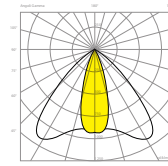
## Mod. EL

### Ottica

Ottica ellittica 90/30° in PMMA, vetro trasparente temperato.

### Optic

Elliptical 90/30° PMMA optic, clear tempered glass.



90/30° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm.

### Equipment

Surface or suspension mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1081	108	1x18W fluo	680
21	4000K - CRI>80	1x64	3188	2559	122	2x18W fluo	680
23	4000K - CRI>80	1x64	3372	2707	118	1x36W fluo	1240
28	4000K - CRI>80	1x80	4438	3563	127	1x58W fluo	1520
29	4000K - CRI>80	2x64	4700	3774	130	2x24W fluo	680
37	4000K - CRI>80	1x128	6109	4905	133	2x36W fluo	1240
46	4000K - CRI>80	1x128	7999	6423	140	2x54W fluo	1240
51	4000K - CRI>80	1x160	8038	6454	127	2x49W fluo	1520
53	4000K - CRI>80	2x128	9065	7279	137	2x54W fluo	1240
60	4000K - CRI>80	1x160	9249	7426	124	2x58W fluo	1520
68	4000K - CRI>80	1x160	11152	8955	132	2x80W fluo	1520
72	4000K - CRI>80	1x160	11856	9520	132	2x80W fluo	1520



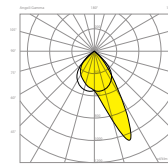
## Mod. AU

### Ottica

Ottica asimmetrica 45° in PMMA, vetro trasparente temperato.

### Optic

Asymmetric 45° PMMA optic, clear tempered glass.



45°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm.

### Equipment

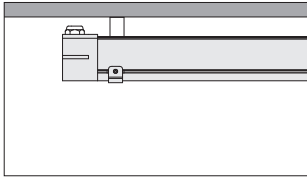
Surface or suspension mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1077	108	1x18W fluo	680
21	4000K - CRI>80	1x64	3188	2550	121	2x18W fluo	680
23	4000K - CRI>80	1x64	3372	2697	117	1x36W fluo	1240
28	4000K - CRI>80	1x80	4438	3550	127	1x58W fluo	1520
29	4000K - CRI>80	2x64	4700	3760	130	2x24W fluo	680
37	4000K - CRI>80	1x128	6109	4887	132	2x36W fluo	1240
46	4000K - CRI>80	1x128	7999	6399	139	2x54W fluo	1240
51	4000K - CRI>80	1x160	8038	6430	126	2x49W fluo	1520
53	4000K - CRI>80	2x128	9065	7252	137	2x54W fluo	1240
60	4000K - CRI>80	1x160	9249	7399	123	2x58W fluo	1520
68	4000K - CRI>80	1x160	11152	8921	131	2x80W fluo	1520
72	4000K - CRI>80	1x160	11856	9484	132	2x80W fluo	1520

## INSTALLAZIONE / INSTALLATION

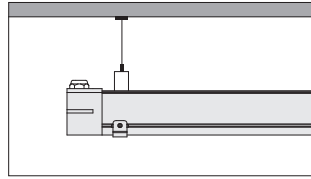
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

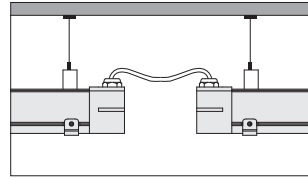
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

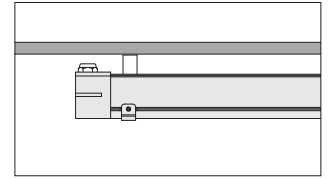
Installazione in fila continua  
Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC)

Continuous row installation (FC option)

Installazione a blindosbarra  
Busbar installation



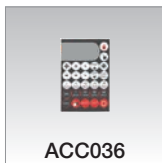
Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

## ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC125



ACC132



ACC133



ACC134



ACC135

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC125** Staffa regolabile per installazione a parete  
Adjustable bracket for wall installation

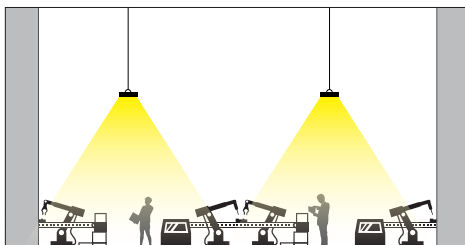
**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

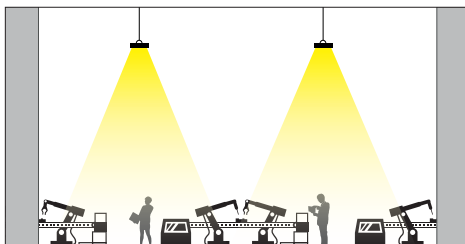
**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

## APPLICAZIONI / APPLICATION



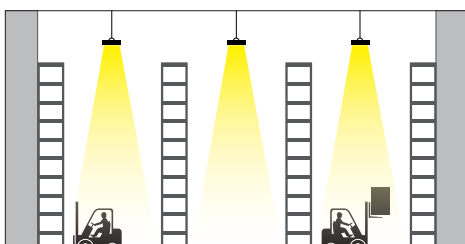
Utilizzo dell'ottica extra diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area up to 5/9 meter height.



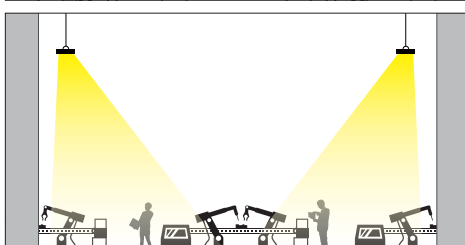
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in work areas with high height.



Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

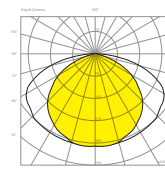
Elliptical beam fixture to avoid light dispersion within lanes installation.



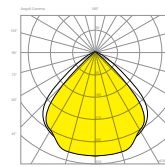
Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

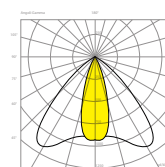
Mod. SU



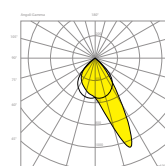
Mod. S5



Mod. EL



Mod. AU



# CUBIC

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore bianco con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, diffusore in PMMA prismaticizzato antiabbagliamento e antiriflesso adatto ad ambienti alimentari con telaio a tenuta stagna in lamiera d'acciaio verniciata a colore, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN/IEC 60598-1:2018.

Waterproof suspended or ceiling mounted high-bay, suitable to light up large areas. Steel body, painted with epoxy polyester powders white color with fine embossed finish, with phosphating and degreasing pretreatment, anti-glare and anti-reflective prismatic PMMA diffuser suitable for food industry with watertight frame in painted steel sheet, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

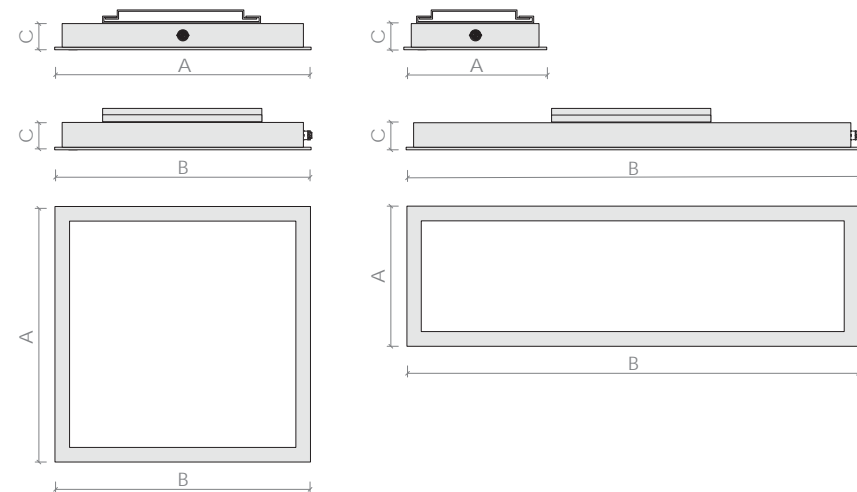
| | 220 V<sub>~</sub> | | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
2028		QP	3 = 3000°K (CRI >80)		080	EL = on/off
		RP	4 = 4000°K (CRI >80)		100	LM = 1-10v
		CQ	5 = 5000°K (CRI >80)		120	LD = dali
		CR	6 = 6500°K (CRI >80)		150	D1 = dali + em. 1h
			9 = 4000°K (CRI >90)		185	E1 = em. 1h
					200	E3 = em. 3h
					240	

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	665	665	80	10,0	0,038	40
<b>D2</b>	370	1300	80	10,5	0,040	30



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

RAL 9003

### Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



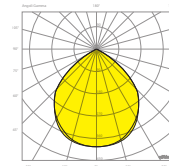
## Mod. QP

### Ottica

Riflettore in alluminio preverniciato bianco, diffusore in PMMA prismatico.

### Optic

Prepainted white aluminium reflector, prismatic PMMA diffuser.



90° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

Surface and suspension mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	6x64	14828	11121	139	150W JM	D1
100	4000K - CRI>80	6x64	18336	13752	138	150W JM/SAP	D1
120	4000K - CRI>80	6x64	21195	15896	132	250W JM/SAP	D1
150	4000K - CRI>80	8x64	26998	20248	135	250W JM/SAP	D1
185	4000K - CRI>80	8x64	31994	23995	130	400W JM	D1
200	4000K - CRI>80	10x64	35324	26493	132	400W JM/SAP	D1
240	4000K - CRI>80	10x64	41529	31146	130	400W JM/SAP	D1



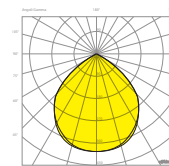
## Mod. RP

### Ottica

Riflettore in alluminio preverniciato bianco, diffusore in PMMA prismatico.

### Optic

Prepainted white aluminium reflector, prismatic PMMA diffuser.



90° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

Surface and suspension mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	6x64	14828	11121	139	150W JM	D2
100	4000K - CRI>80	6x64	18336	13752	138	150W JM/SAP	D2
120	4000K - CRI>80	6x64	21195	15896	132	250W JM/SAP	D2
150	4000K - CRI>80	8x64	26998	20248	135	250W JM/SAP	D2
185	4000K - CRI>80	8x64	31994	23995	130	400W JM	D2
200	4000K - CRI>80	10x64	35324	26493	132	400W JM/SAP	D2
240	4000K - CRI>80	10x64	41529	31146	130	400W JM/SAP	D2



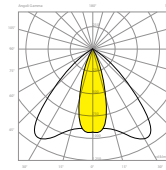
## Mod. CQ

### Optica

Lente ellittica in PMMA ad alta efficienza, diffusore in PMMA prismaticizzato.

### Optic

Elliptical high efficiency PMMA lens, prismatic PMMA diffuser.



90/30° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido a pannello.

### Equipment

Surface and suspension mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	6x64	14828	10824	135	150W JM	D1
100	4000K - CRI>80	6x64	18336	13385	134	150W JM/SAP	D1
120	4000K - CRI>80	6x64	21195	15472	129	250W JM/SAP	D1
150	4000K - CRI>80	8x64	26998	19708	131	250W JM/SAP	D1
185	4000K - CRI>80	8x64	31994	23355	126	400W JM	D1
200	4000K - CRI>80	10x64	35324	25786	129	400W JM/SAP	D1
240	4000K - CRI>80	10x64	41529	30316	126	400W JM/SAP	D1



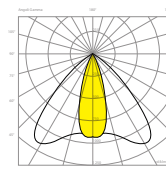
## Mod. CR

### Optica

Lente ellittica in PMMA ad alta efficienza, diffusore in PMMA prismaticizzato.

### Optic

Elliptical high efficiency PMMA lens, prismatic PMMA diffuser.



90/30° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido a pannello.

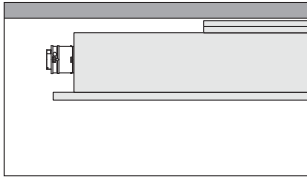
### Equipment

Surface and suspension mounting system included. External wiring via panel quick connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	6x64	14828	10824	135	150W JM	D2
100	4000K - CRI>80	6x64	18336	13385	134	150W JM/SAP	D2
120	4000K - CRI>80	6x64	21195	15472	129	250W JM/SAP	D2
150	4000K - CRI>80	8x64	26998	19708	131	250W JM/SAP	D2
185	4000K - CRI>80	8x64	31994	23355	126	400W JM	D2
200	4000K - CRI>80	10x64	35324	25786	129	400W JM/SAP	D2
240	4000K - CRI>80	10x64	41529	30316	126	400W JM/SAP	D2

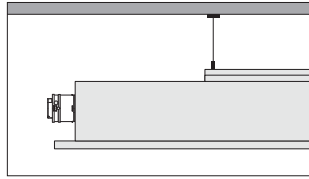
**Installazione a plafone**  
Surface mounting installation



Apparecchio adatto per installazione a plafone o blindosbarra

Surface mounting or busbar installation

**Installazione a sospensione**  
Suspended installation



Apparecchio adatto per installazione a sospensione

Suspended installation

**ACCESSORI / ACCESSORIES**



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135

- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# SQUARE

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere colore silver con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura in alluminio trafilato, vetro temperato resistente agli urti e agli shock termici, ganci anticaduta in policarbonato per apertura a cerniera, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof suspended or ceiling mounted high-bay, suitable to light up large areas. Steel body, painted with epoxy polyester powder silver color with fine embossed finish, with phosphate and degreasing pretreatment, extruded aluminium locking clips, tempered protection glass, impacts and thermal shock resistant, polycarbonate antifall clips for hinge opening, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

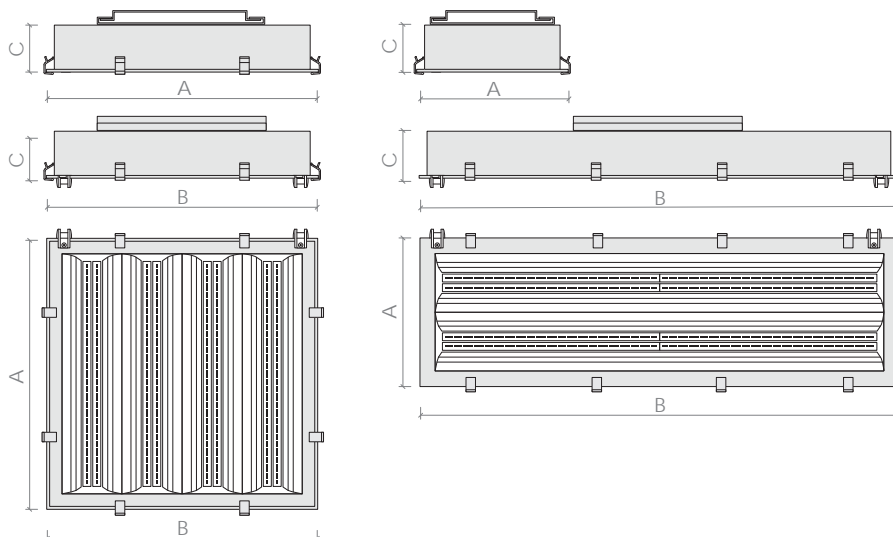
| | 220 V<sub>~</sub> |  $\pm$  | -25°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
2025		QT	3	= 3000°K (CRI >80)	100	EL = on/off
		QA	4	= 4000°K (CRI >80)	130	LM = 1-10v
		RT	5	= 5000°K (CRI >80)	150	LD = dali
		RA	6	= 6500°K (CRI >80)		D1 = dali + em. 1h
			9	= 4000°K (CRI >90)		E1 = em. 1h
						E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	665	665	140	11,0	0,051	30
<b>D2</b>	365	1265	140	12,5	0,051	30



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

RAL 9006

### Δ LUMEN

3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+1.46%**  
 6500°K (CRI >80) = **0%**  
 4000°K (CRI >90) = **-15.08%**



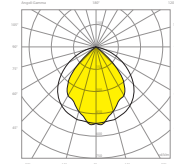
## Mod. QT

### Ottica

Riflettore in alluminio parabolico anodizzato speculare purissimo ad alta riflettenza, vetro temperato trasparente

### Optic

Parabolic pure anodised aluminium reflector with high luminance, transparent glass



90° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension mounting system included. Internal quick wiring with PG13.5 cable gland



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
100	4000K - CRI>80	8x32	16416	14446	144	4x55W FL-C	D1
130	4000K - CRI>80	8x64	22229	19561	150	250W JM	D1
150	4000K - CRI>80	8x64	25500	22440	150	250W JM	D1



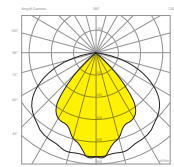
## Mod. RT

### Ottica

Riflettore in alluminio parabolico anodizzato speculare purissimo ad alta riflettenza, vetro temperato trasparente

### Optic

Parabolic pure anodised aluminium reflector with high luminance, transparent glass



90° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension mounting system included. Internal quick wiring with PG13.5 cable gland



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
100	4000K - CRI>80	4x64	16416	14446	144	2x80W fluo	D2
130	4000K - CRI>80	4x128	22229	19561	150	250W JM	D2
150	4000K - CRI>80	4x128	25500	22440	150	4x80W fluo	D2





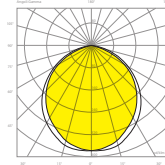
## Mod. QA

### Ottica

Vetro temperato acidato spessore 5mm

### Optic

5mm thick acid-etched glass



90°

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension mounting system included. Internal quick wiring with PG13.5 cable gland



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
100	4000K - CRI>80	8x32	16416	10670	107	4x55W FL-C	D1
130	4000K - CRI>80	8x64	22229	14448	111	250W JM	D1
150	4000K - CRI>80	8x64	25500	16575	111	250W JM	D1



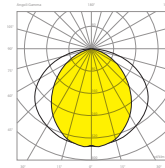
## Mod. RA

### Ottica

Vetro temperato acidato spessore 5mm

### Optic

5mm thick acid-etched glass



90°

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio rapido interno con pressacavo PG13,5.

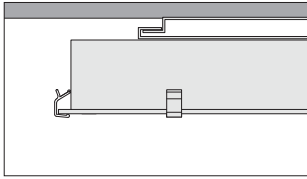
### Equipment

Surface or suspension mounting system included. Internal quick wiring with PG13.5 cable gland



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
100	4000K - CRI>80	8x32	16416	10670	107	2x80W fluo	D2
130	4000K - CRI>80	8x64	22229	14448	111	250W JM	D2
150	4000K - CRI>80	8x64	25500	16575	111	4x80W fluo	D2

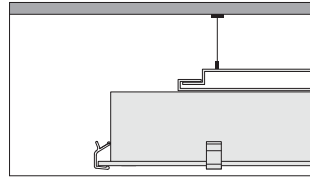
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone o blindosbarra

Surface mounting or busbar installation

Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135

- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# LEDBAY

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere colore bianco con finitura gofrata fine, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura in alluminio trafilato, vetro temperato resistente agli urti e agli shock termici, ganci anticaduta in policarbonato per apertura a cerniera, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Waterproof suspended or ceiling mounted high-bay, suitable to light up large areas. Steel body, painted with epoxy polyester powder white color with fine embossed finish, with phosphate and degreasing pretreatment, extruded aluminium locking clips, tempered protection glass, impacts and thermal shock resistant, polycarbonate antifall clips for hinge opening, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

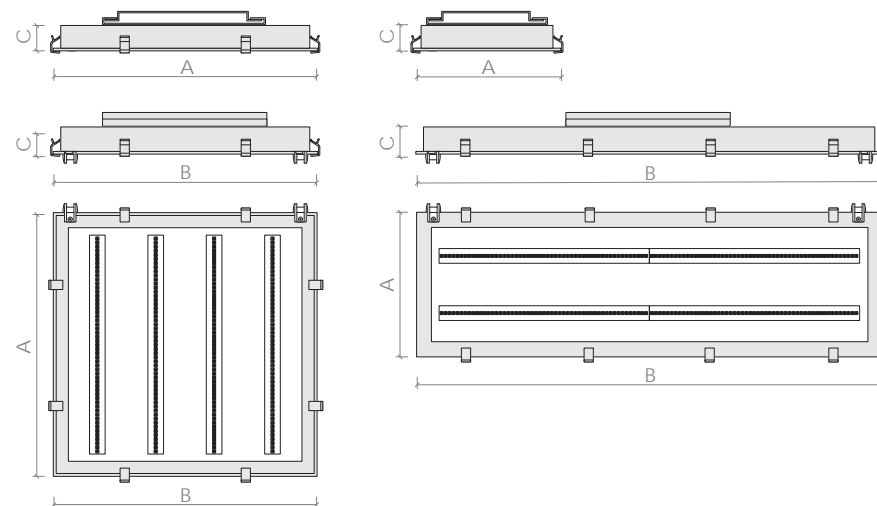
220 V<sub>~</sub> | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
2026		QT	4 = 4000°K (CRI >80)		120	EL = on/off
		RT	5 = 5000°K (CRI >80)			LM = 1-10v
						LD = dali
						D1 = dali + em. 1h
						E1 = em. 1h
						E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	665	665	140	11,0	0,035	40
<b>D2</b>	365	1265	140	12,5	0,035	40



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

RAL 9003

### Δ LUMEN

4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+1.46%**



## Mod. QT

**Ottica** Lenti in PMMA, ottica simmetrica, vetro temperato trasparente

**Optic** Wide beam PMMA lenses, transparent glass

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension mounting system included. Internal quick wiring with PG13.5 cable gland.



90° UGR<25



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
120	4x60	4000	18780	16150	135	4x55W FL-C	D1



## Mod. RT

**Ottica** Lenti in PMMA, ottica simmetrica, vetro temperato trasparente

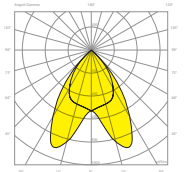
**Optic** Wide beam PMMA lenses, transparent glass

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension mounting system included. Internal quick wiring with PG13.5 cable gland.



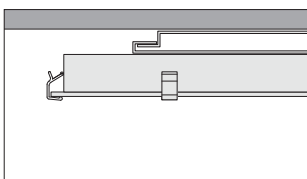
90° UGR<25



W tot.	n° Led	K°	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
120	4x60	4000	18780	16150	135	2x80W Fluo	D2

## INSTALLAZIONE / INSTALLATION

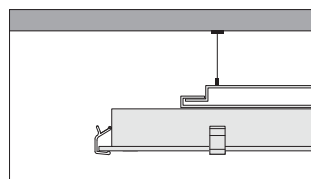
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone o blindosbarra

Surface mounting or busbar installation

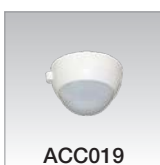
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).

Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).

Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.

Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.



# MAVIC

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver color, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

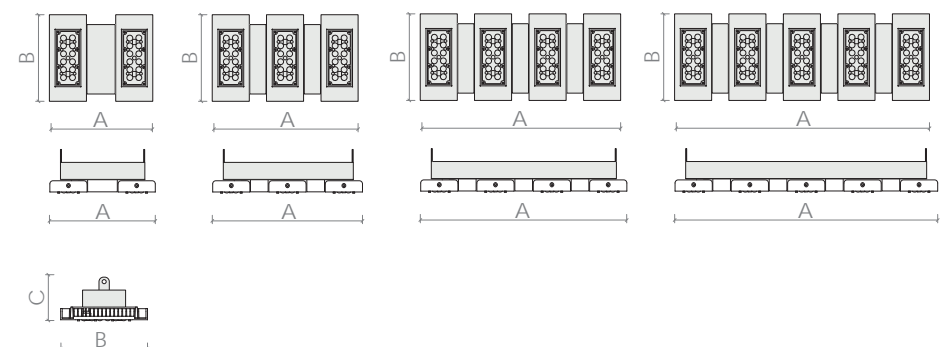
220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >70.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8201	S2	4	= 4000°K (CRI >80)	080	EL	= on/off
	S5	5	= 5000°K (CRI >80)	100	LM	= 1-10v
	E3			120	LD	= dali
				150	D1	= dali + em. 1h
				185	E1	= em. 1h
				200	E3	= em. 3h
				240		

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	360	290	150	5,2	0,017	50
<b>D2</b>	440	290	150	7,1	0,021	50
<b>D3</b>	600	290	150	9,7	0,027	30
<b>D4</b>	760	290	150	11,5	0,035	25



RAL 9006

### Δ LUMEN

4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+0.50%**

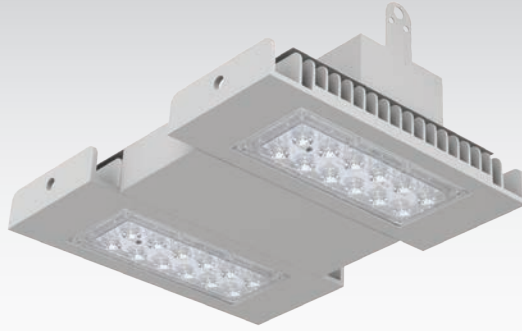
## Mod. S2-S5-E3

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.



### Mod. S2

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2x12	12795	10491	131	150W JM/SAP	D1
100	4000K - CRI>80	2x12	15258	12511	125	150W JM/SAP	D1

### Mod. S5

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2x12	12795	10619	133	150W JM/SAP	D1
100	4000K - CRI>80	2x12	15258	12664	127	150W JM/SAP	D1

### Mod. E3

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	2x12	12795	10236	128	150W JM/SAP	D1
100	4000K - CRI>80	2x12	15258	12206	122	150W JM/SAP	D1

## Mod. S2-S5-E3

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.



### Mod. S2

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	3x12	19192	15737	131	250W JM/SAP	D2
150	4000K - CRI>80	3x12	22887	18767	125	250W JM/SAP	D2

### Mod. S5

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	3x12	19192	15929	133	250W JM/SAP	D2
150	4000K - CRI>80	3x12	22887	18996	127	250W JM/SAP	D2

### Mod. E3

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	3x12	19192	15353	128	250W JM/SAP	D2
150	4000K - CRI>80	3x12	22887	18309	122	250W JM/SAP	D2



## Mod. S2-S5-E3

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.



### Mod. S2

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
185	4000K - CRI>80	4x12	28497	23367	126	400W JM/SAP	D3
200	4000K - CRI>80	4x12	30516	25023	125	400W JM/SAP	D3

### Mod. S5

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
185	4000K - CRI>80	4x12	28497	23652	128	400W JM/SAP	D3
200	4000K - CRI>80	4x12	30516	25328	127	400W JM/SAP	D3

### Mod. E3

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
185	4000K - CRI>80	4x12	28497	22797	123	400W JM/SAP	D3
200	4000K - CRI>80	4x12	30516	24412	122	400W JM/SAP	D3



## Mod. S2-S5-E3

### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.



### Mod. S2

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
240	4000K - CRI>80	5x12	36638	30043	125	400W JM/SAP	D4

### Mod. S5

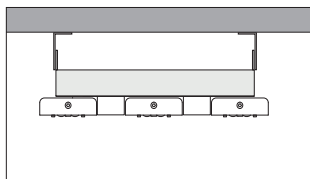
W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
240	4000K - CRI>80	5x12	36638	30409	127	400W JM/SAP	D4

### Mod. E3

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
240	4000K - CRI>80	5x12	36638	29310	122	400W JM/SAP	D4

## INSTALLAZIONE / INSTALLATION

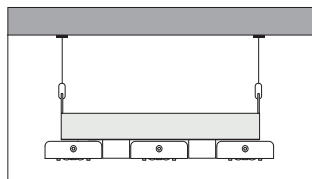
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC148)

Surface mounting installation. (ACC148)

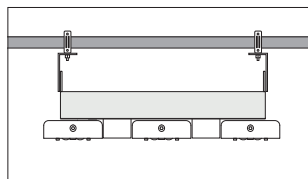
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

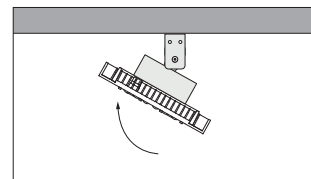
### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC148)

Busbar installation. (ACC148)

### Installazione con staffa ruotata Installation with rotated bracket



Apparecchio adatto per installazione con staffa regolabile per la rotazione del faro. (ACC148)

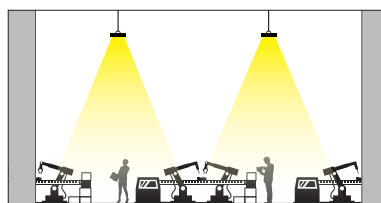
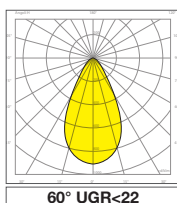
Installation with bracket for adjustable orientation. (ACC148)

## OTTICHE / OPTICS

### MOD. S2

Ottica media 60° in PMMA ad alto rendimento.

60° medium beam high performance PMMA optic.



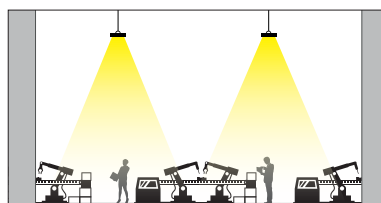
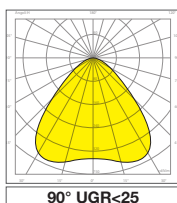
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

### MOD. S5

Ottica diffondente 90° in PMMA ad alto rendimento.

90° wide beam high performance PMMA optic.



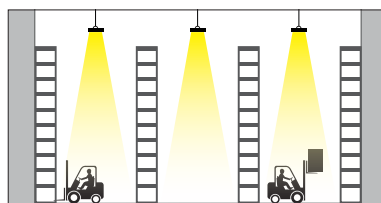
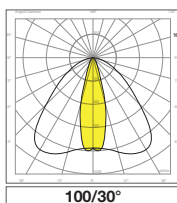
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

### MOD. E3

Ottica ellittica 100/30° in PMMA ad alto rendimento.

10/30° elliptical beam high performance PMMA optic.



Utilizzo di un ottica concentrante per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Narrow beam fixture to avoid light dispersion within lanes installation.

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC148** Kit staffe per installazione a plafone o blindosbarra.  
Bussbar or surface mounting installation kit.

**ACC144** Kit doppio moschettoni.  
Double carabiner kit.

**ACC145** Cavo di sicurezza anticaduta in acciaio Ø2mm.  
Anti-fall safety cable in steel Ø2mm.



# CLUB

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver color, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

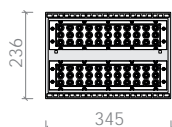
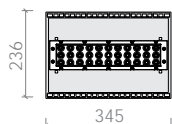
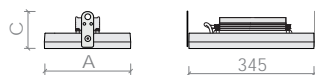
220 V<sub>≈</sub> 240 | -25°C | +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% flicker | LOW flicker | L80-B20 >50.000h | L80-B50 >70.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8300		S5	3 = 3000°K (CRI >80)	048	105	EL = on/off
		S2	4 = 4000°K (CRI >80)	068	120	LM = 1-10v
		CU	5 = 5000°K (CRI >80)	070	137	LD = dali
				080	158	D1 = dali + em. 1h
				085	170	E1 = em. 1h
				095	200	E3 = em. 3h
				100		

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	236	345	110	6,0	0,015	50
<b>D2</b>	236	345	110	6,0	0,015	50



RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-6.25%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.50%**



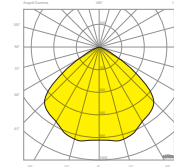
## Mod. S5

### Ottica

Lente multiled a fascio diffondente 90° in policarbonato antingiallente ad alto rendimento.

### Optic

90° wide beam multiled lens in high-performance anti-yellowing polycarbonate.



90° UGR<25



### Dotazione

Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	1x32	8608	6821	142	70W JM/SAP	D1
68	4000K - CRI>80	1x32	11762	9317	137	150W JM/SAP	D1
80	4000K - CRI>80	1x32	13281	10519	131	150W JM/SAP	D1
100	4000K - CRI>80	1x32	16209	12836	128	250W JM/SAP	D1



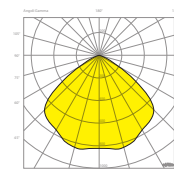
## Mod. S5

### Ottica

Lente multiled a fascio diffondente 90° in policarbonato antingiallente ad alto rendimento.

### Optic

90° wide beam multiled lens in high-performance anti-yellowing polycarbonate.



90° UGR<25



### Dotazione

Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
70	4000K - CRI>80	2x32	13133	10448	149	150W JM/SAP	D2
85	4000K - CRI>80	2x32	15485	12318	145	150W JM/SAP	D2
95	4000K - CRI>80	2x32	17216	13642	144	150W JM/SAP	D2
105	4000K - CRI>80	2x32	18770	14930	142	250W JM/SAP	D2
120	4000K - CRI>80	2x32	21040	16668	139	250W JM/SAP	D2
137	4000K - CRI>80	2x32	23524	18635	136	250W JM/SAP	D2
158	4000K - CRI>80	2x32	26562	21039	133	250W JM/SAP	D2
170	4000K - CRI>80	2x32	28349	22453	132	400W JM/SAP	D2
200	4000K - CRI>80	2x32	32418	25673	128	400W JM/SAP	D2



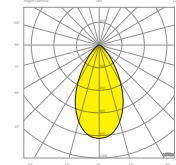
## Mod. S2

### Optica

Lente multiled a fascio medio 50° in policarbonato antingiallente ad alto rendimento

### Optic

50° medium beam multiled lens in high-performance anti-yellowing polycarbonate



50° UGR<22



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	1x32	8608	6821	142	70W JM/SAP	D1
68	4000K - CRI>80	1x32	11762	9317	137	150W JM/SAP	D1
80	4000K - CRI>80	1x32	13281	10519	131	150W JM/SAP	D1
100	4000K - CRI>80	1x32	16209	12836	128	250W JM/SAP	D1

### Dotazione

Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.



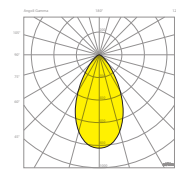
## Mod. S2

### Optica

Lente multiled a fascio medio 50° in policarbonato antingiallente ad alto rendimento

### Optic

50° medium beam multiled lens in high-performance anti-yellowing polycarbonate



50° UGR<22



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
70	4000K - CRI>80	2x32	13133	10448	149	150W JM/SAP	D2
85	4000K - CRI>80	2x32	15485	12318	145	150W JM/SAP	D2
95	4000K - CRI>80	2x32	17216	13642	144	150W JM/SAP	D2
105	4000K - CRI>80	2x32	18770	14930	142	250W JM/SAP	D2
120	4000K - CRI>80	2x32	21040	16668	139	250W JM/SAP	D2
137	4000K - CRI>80	2x32	23524	18635	136	250W JM/SAP	D2
158	4000K - CRI>80	2x32	26562	21039	133	250W JM/SAP	D2
170	4000K - CRI>80	2x32	28349	22453	132	400W JM/SAP	D2
200	4000K - CRI>80	2x32	32418	25673	128	400W JM/SAP	D2

### Dotazione

Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.



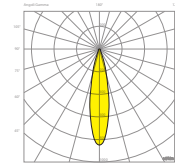
## Mod. CU

### Ottica

Lente multiled a fascio stretto 30° in policarbonato antingiallente ad alto rendimento

### Optic

30° narrow beam multiled lens in high-performance anti-yellowing polycarbonate



25° UGR<22



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	1x32	8608	6821	142	70W JM/SAP	D1
68	4000K - CRI>80	1x32	11762	9317	137	150W JM/SAP	D1
80	4000K - CRI>80	1x32	13281	10519	131	150W JM/SAP	D1
100	4000K - CRI>80	1x32	16209	12836	128	250W JM/SAP	D1

### Dotazione

Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.



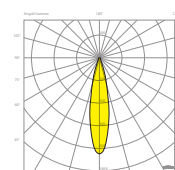
## Mod. CU

### Ottica

Lente multiled a fascio stretto 30° in policarbonato antingiallente ad alto rendimento

### Optic

30° narrow beam multiled lens in high-performance anti-yellowing polycarbonate



25° UGR<22



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
70	4000K - CRI>80	2x32	13133	10448	149	150W JM/SAP	D2
85	4000K - CRI>80	2x32	15485	12318	145	150W JM/SAP	D2
95	4000K - CRI>80	2x32	17216	13642	144	150W JM/SAP	D2
105	4000K - CRI>80	2x32	18770	14930	142	250W JM/SAP	D2
120	4000K - CRI>80	2x32	21040	16668	139	250W JM/SAP	D2
137	4000K - CRI>80	2x32	23524	18635	136	250W JM/SAP	D2
158	4000K - CRI>80	2x32	26562	21039	133	250W JM/SAP	D2
170	4000K - CRI>80	2x32	28349	22453	132	400W JM/SAP	D2
200	4000K - CRI>80	2x32	32418	25673	128	400W JM/SAP	D2

### Dotazione

Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

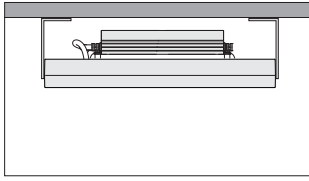
### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.



## INSTALLAZIONE / INSTALLATION

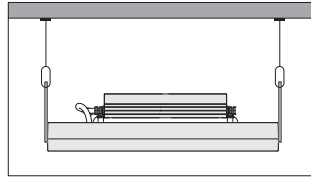
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC143)

Surface mounting installation. (ACC143)

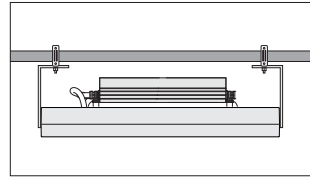
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

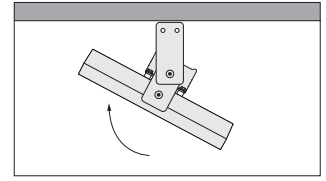
### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC143)

Busbar installation. (ACC143)

### Installazione con staffa ruotata Installation with bracket



Apparecchio adatto per installazione con staffa regolabile per la rotazione del faro. (ACC143)

Installation with bracket for adjustable orientation. (ACC143)

## ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135



ACC143



ACC144



ACC145

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

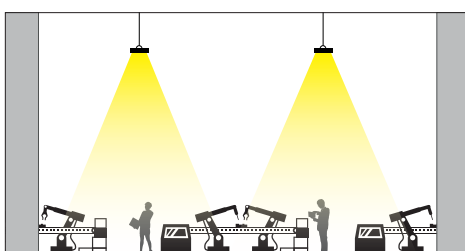
**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC143** Kit staffe per installazione a plafone o blindosbarra.  
Busbar or surface mounting installation kit.

**ACC144** Kit doppio moschettone.  
Double carabiner kit.

**ACC145** Cavo di sicurezza anticaduta in acciaio Ø2mm.  
Anti-fall safety cable in steel Ø2mm.

## APPLICAZIONI / APPLICATION

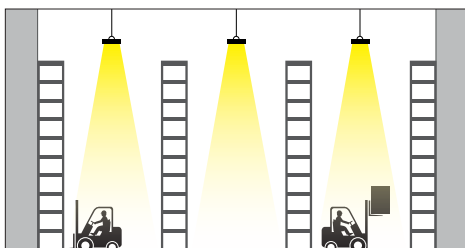
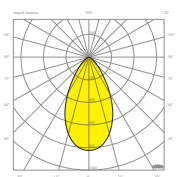
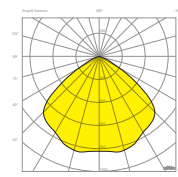


Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

Mod. SU

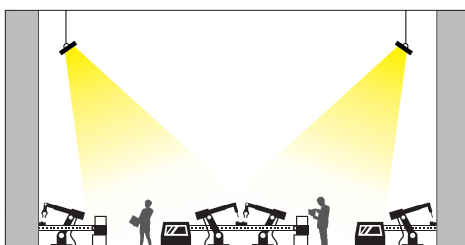
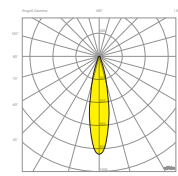
Mod. S2



Utilizzo di un ottica concentrante per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Narrow beam fixture to avoid light dispersion within lanes installation.

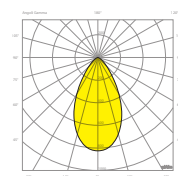
Mod. CU



Utilizzo dell'ottica media inclinata per l'illuminazione di un'area di lavoro con file di luci esterne.

Medium beam orientated fixture to light up a work area with rows of external lights.

Mod. S2



# CLUB HP

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, lente direzionale in policarbonato, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver color, directional polycarbonate lens, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> 240 | ⊕ | -25°C | IP65 | IK08 | RG0 | CRI >80 | ⚙️ 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >70.000h | ⚡ A++

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8301		S5	3 = 3000°K (CRI >80)	070	170	EL = on/off
		S2	4 = 4000°K (CRI >80)	080	200	LM = 1-10v
		CU	5 = 5000°K (CRI >80)	100	240	LD = dali
				120	280	D1 = dali + em. 1h
				150	300	E1 = em. 1h
						E3 = em. 3h

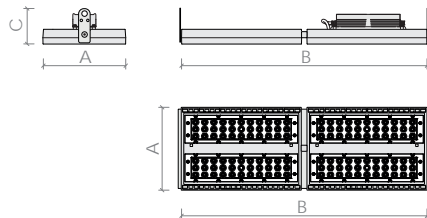
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	236	700	110	8,0	0,022	50

 RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-6.25%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.50%**





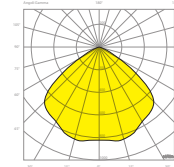
## Mod. S5

### Ottica

Lente multiled a fascio diffondente 90° in policarbonato antingiallente ad alto rendimento.

### Optic

90° wide beam multiled lens in high-performance anti-yellowing polycarbonate.



90° UGR<25



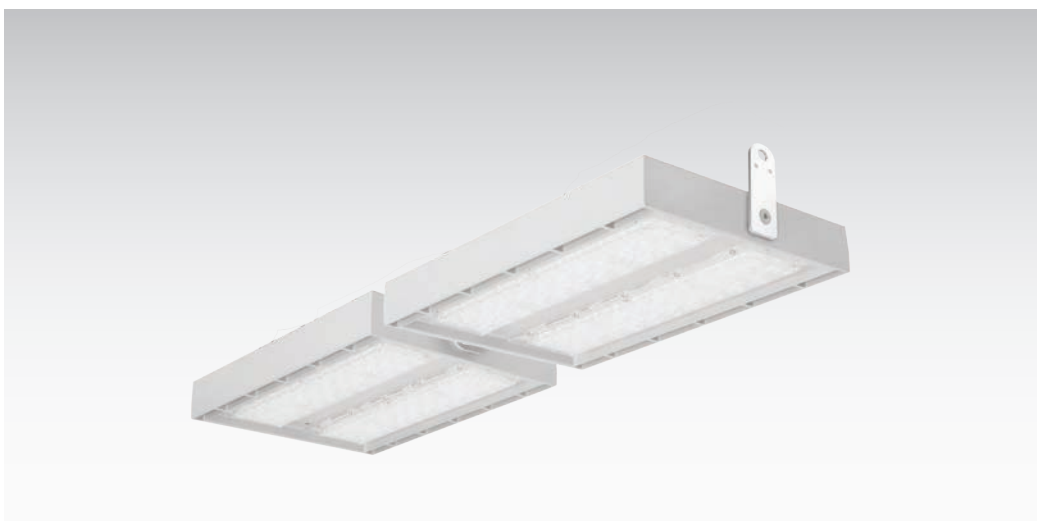
### Dotazione

Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
70	4000K - CRI>80	4x32	13924	11078	158	150W JM/SAP	D1
80	4000K - CRI>80	4x32	15901	12651	158	150W JM/SAP	D1
100	4000K - CRI>80	4x32	19399	15434	154	250W JM/SAP	D1
120	4000K - CRI>80	4x32	22854	18182	152	250W JM/SAP	D1
150	4000K - CRI>80	4x32	27887	22097	147	250W JM/SAP	D1
170	4000K - CRI>80	4x32	30970	24637	145	400W JM/SAP	D1
200	4000K - CRI>80	4x32	35725	28305	142	400W JM/SAP	D1
240	4000K - CRI>80	4x32	42079	33336	139	400W JM/SAP	D1
280	4000K - CRI>80	4x32	47664	37757	135	600W JM/SAP	D1
300	4000K - CRI>80	4x32	50712	40170	134	600W JM/SAP	D1



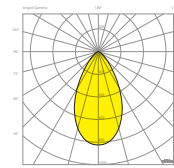
## Mod. S2

### Ottica

Lente multiled a fascio medio 50° in policarbonato antingiallente ad alto rendimento

### Optic

50° medium beam multiled lens in high-performance anti-yellowing polycarbonate



50° UGR<22



### Dotazione

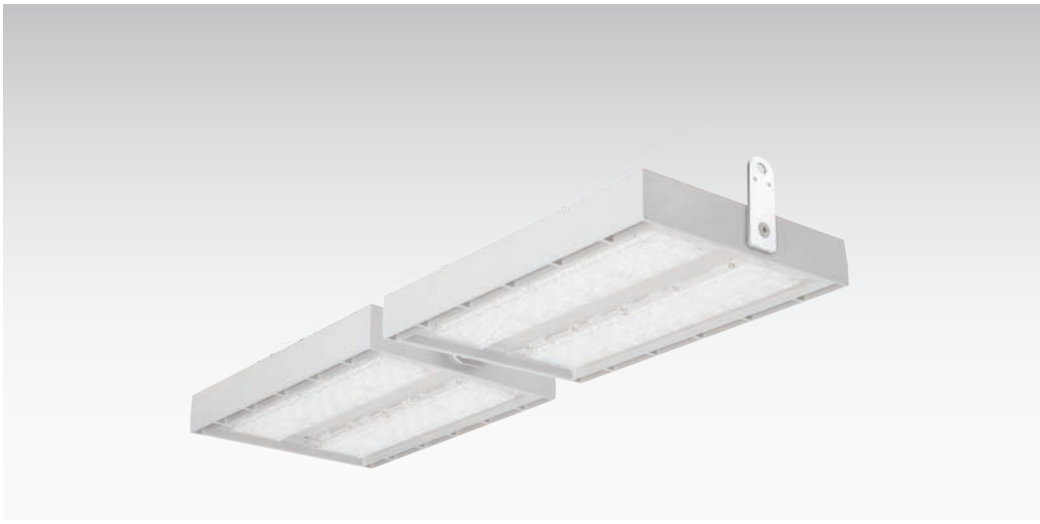
Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
70	4000K - CRI>80	4x32	13924	11078	158	150W JM/SAP	D1
80	4000K - CRI>80	4x32	15901	12651	158	150W JM/SAP	D1
100	4000K - CRI>80	4x32	19399	15434	154	250W JM/SAP	D1
120	4000K - CRI>80	4x32	22854	18182	152	250W JM/SAP	D1
150	4000K - CRI>80	4x32	27887	22097	147	250W JM/SAP	D1
170	4000K - CRI>80	4x32	30970	24637	145	400W JM/SAP	D1
200	4000K - CRI>80	4x32	35725	28305	142	400W JM/SAP	D1
240	4000K - CRI>80	4x32	42079	33336	139	400W JM/SAP	D1
280	4000K - CRI>80	4x32	47664	37757	135	600W JM/SAP	D1
300	4000K - CRI>80	4x32	50712	40170	134	600W JM/SAP	D1





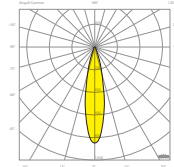
## Mod. CU

### Ottica

Lente multiled a fascio stretto 30° in policarbonato antingiallente ad alto rendimento

### Optic

30° narrow beam multiled lens in high-performance anti-yellowing polycarbonate



25° UGR<22



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
70	4000K - CRI>80	4x32	13924	11078	158	150W JM/SAP	D1
80	4000K - CRI>80	4x32	15901	12651	158	150W JM/SAP	D1
100	4000K - CRI>80	4x32	19399	15434	154	250W JM/SAP	D1
120	4000K - CRI>80	4x32	22854	18182	152	250W JM/SAP	D1
150	4000K - CRI>80	4x32	27887	22097	147	250W JM/SAP	D1
170	4000K - CRI>80	4x32	30970	24637	145	400W JM/SAP	D1
200	4000K - CRI>80	4x32	35725	28305	142	400W JM/SAP	D1
240	4000K - CRI>80	4x32	42079	33336	139	400W JM/SAP	D1
280	4000K - CRI>80	4x32	47664	37757	135	600W JM/SAP	D1
300	4000K - CRI>80	4x32	50712	40170	134	600W JM/SAP	D1

### Dotazione

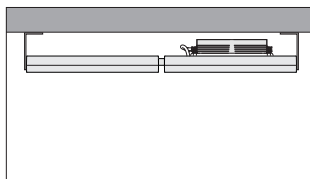
Sistema di fissaggio a plafone o sospensione in acciaio inox incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting stainless steel system included. External wiring via IP66 rapid connector.

## INSTALLAZIONE / INSTALLATION

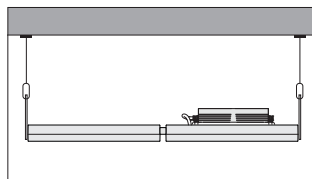
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC143)

Surface mounting installation. (ACC143)

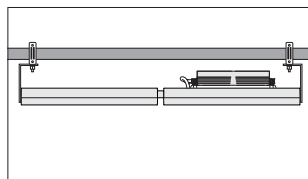
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

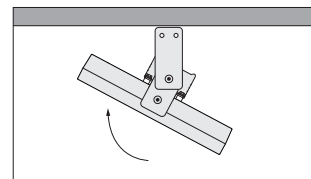
### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC143)

Busbar installation. (ACC143)

### Installazione con staffa ruotata Installation with rotated bracket



Apparecchio adatto per installazione con staffa regolabile per la rotazione del faro. (ACC143)

Installation with bracket for adjustable orientation. (ACC143)

## ACCESSORI / ACCESSORIES



**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

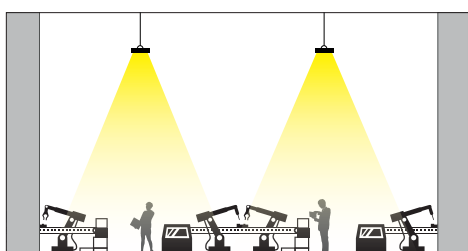
**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

**ACC143** Kit staffe per installazione a plafone o blindosbarra.  
Busbar or surface mounting installation kit.

**ACC144** Kit doppio moschettone.  
Double carabiner kit.

**ACC145** Cavo di sicurezza anticaduta in acciaio Ø2mm.  
Anti-fall safety cable in steel Ø2mm.

## APPLICAZIONI / APPLICATION

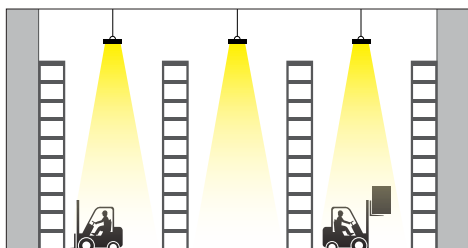
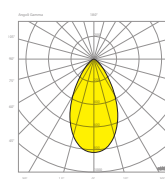
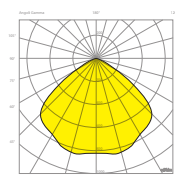


Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

Mod. SU

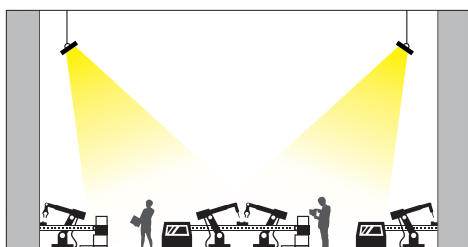
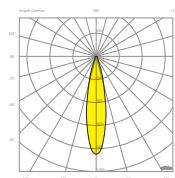
Mod. S2



Utilizzo di un ottica concentrante per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Narrow beam fixture to avoid light dispersion within lanes installation.

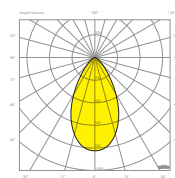
Mod. CU



Utilizzo dell'ottica media inclinata per l'illuminazione di un'area di lavoro con file di luci esterne.

Medium beam orientated fixture to light up a work area with rows of external lights.

Mod. S2



# PRINCE

Riflettore industriale e commerciale a sospensione. Corpo in alluminio trafilato ossidato, tappi laterali in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Extruded oxidate aluminium body, die cast aluminium caps, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% flicker | L80-B20 >50,000h | L80-B50 >75,000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8095		SU	3 = 3000°K (CRI >80)		120	EL = on/off
		CU	4 = 4000°K (CRI >80)		150	LM = 1-10v
		AU	5 = 5000°K (CRI >80)		185	LD = dali
					200	D1 = dali + em. 1h E1 = em. 1h E3 = em. 3h VA = vetro acidato / acid-etched glass VI = vetro infrangibile / shatterproof glass PL = kit a plafone / surface installation kit

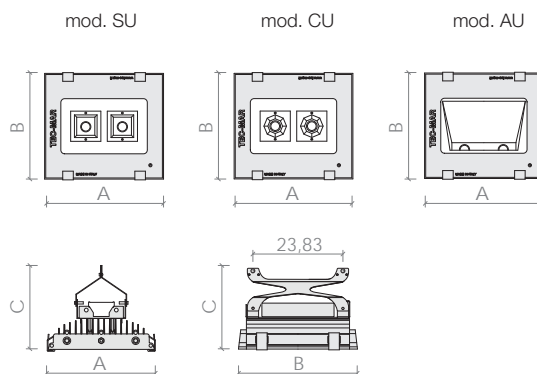
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	315	280	230	6,5	0,022	50

RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**





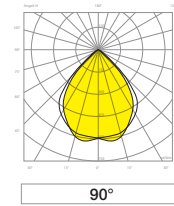
## Mod. SU

### Optica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	2	20589	16533	138	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	19721	131	250W JM/SAP	D1
185	4000K - CRI>80	2	29292	23522	127	400W JM	D1
200	4000K - CRI>80	2	31858	25572	128	400W JM/SAP	D1



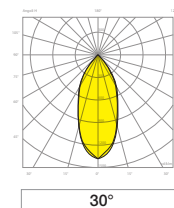
## Mod. CU

### Optica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	2	20589	14977	125	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	17865	119	250W JM/SAP	D1
185	4000K - CRI>80	2	29292	21308	115	400W JM	D1
200	4000K - CRI>80	2	31858	23165	116	400W JM/SAP	D1



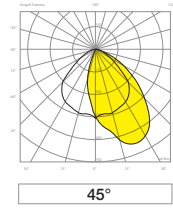
## Mod. AU

### Optica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminum reflector



### Dotazione

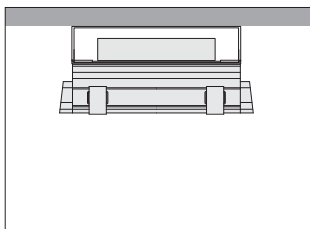
Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
120	4000K - CRI>80	2	20589	15560	130	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	18561	124	250W JM/SAP	D1
185	4000K - CRI>80	2	29292	22139	120	400W JM	D1
200	4000K - CRI>80	2	31858	24068	120	400W JM/SAP	D1

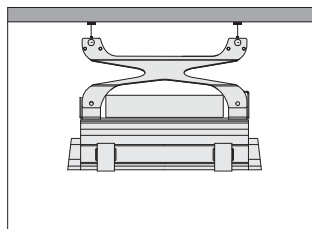
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone (Opzione PL)

Surface mounting installation (PL option)

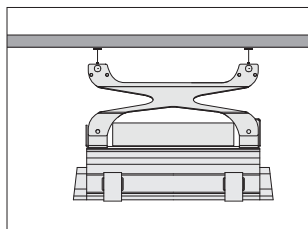
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

Installazione a blindosbarra  
Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

ACCESSORI / ACCESSORIES



ACC053



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135

**ACC053** Cornice per incasso  
Frame for recessed

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

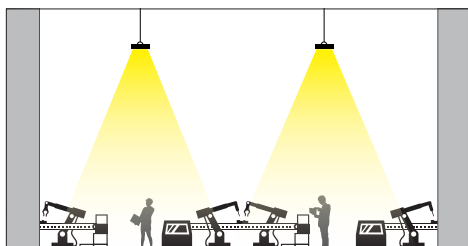
**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

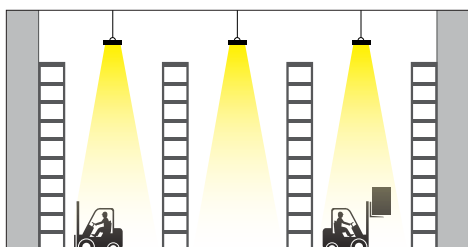
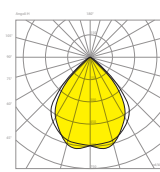
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

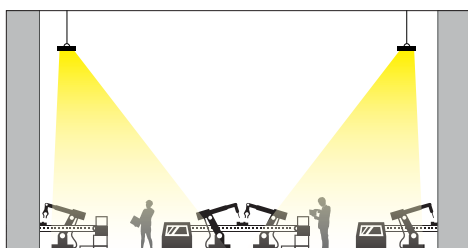
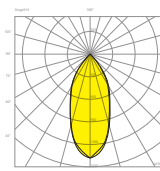
Mod. SU



Utilizzo di un ottica concentrante per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Narrow beam fixture to avoid light dispersion within lanes installation.

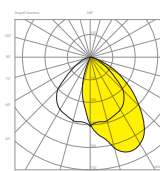
Mod. CU



Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

Mod. AU



# PRINCE 4

Riflettore industriale e commerciale a sospensione. Corpo in alluminio trafilato ossidato, tappi laterali in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Extruded oxidate aluminium body, die cast aluminium caps, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

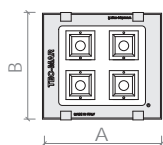
## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8098		SU	3 = 3000°K (CRI >80)		230	EL = on/off
		CU	4 = 4000°K (CRI >80)		280	LM = 1-10v
		AU	5 = 5000°K (CRI >80)			LD = dali
						D1 = dali + em. 1h
						E1 = em. 1h
						VA = vetro acidato / acid-etched glass
						VI = vetro infrangibile / shatterproof glass
						PL = kit a plafone / surface installation kit

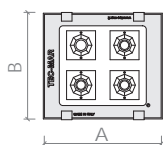
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	315	280	230	6,5	0,022	50
<b>D2</b>	385	280	230	7,5	0,024	40

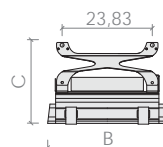
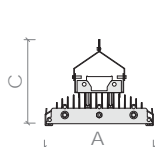
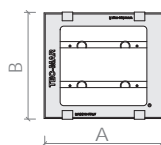
mod. SU



mod. CU



mod. AU



RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**



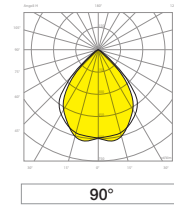
## Mod. SU

### Ottica

Riflettore simmetrico 90° in alluminio satinato

### Optic

90° wide beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
230	4000K - CRI>80	4	39530	31744	138	400W JM/SAP	D1
280	4000K - CRI>80	4	46005	36943	132	600W SAP	D2



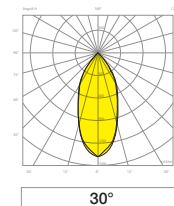
## Mod. CU

### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
230	4000K - CRI>80	4	39530	28756	125	400W JM/SAP	D1
280	4000K - CRI>80	4	46005	33466	120	600W SAP	D2





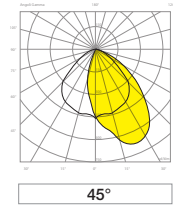
## Mod. AU

### Optica

Riflettore asimmetrico 45° in alluminio satinato

### Optic

45° asymmetric beam matt satin aluminum reflector



### Dotazione

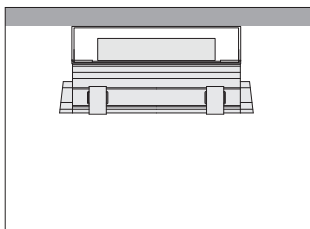
Sistema di fissaggio a plafone o sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Surface or suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
230	4000K - CRI>80	4	39530	29876	130	400W JM/SAP	D1
280	4000K - CRI>80	4	46005	34770	124	600W SAP	D2

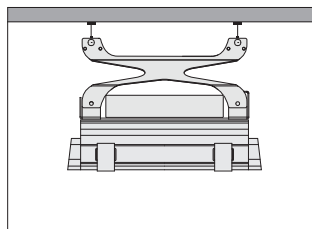
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone (Opzione PL)

Surface mounting installation (PL option)

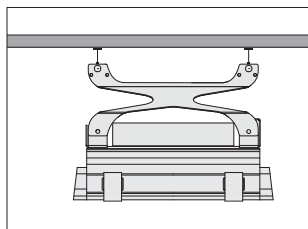
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

Installazione a blindosbarra  
Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

ACCESSORI / ACCESSORIES



ACC053



ACC019



ACC036



ACC132



ACC133



ACC134



ACC135

ACC053 Cornice per incasso  
Frame for recessed

ACC019 Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

ACC036 Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

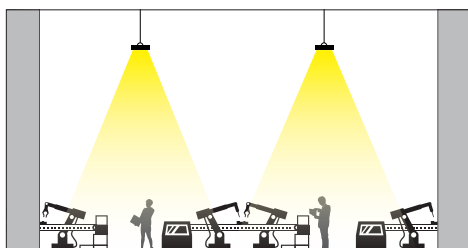
ACC132 Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

ACC133 Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

ACC134 Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

ACC135 Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

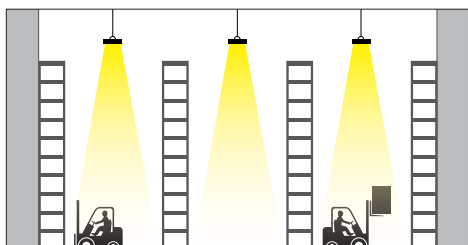
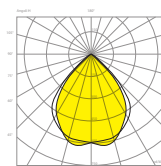
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

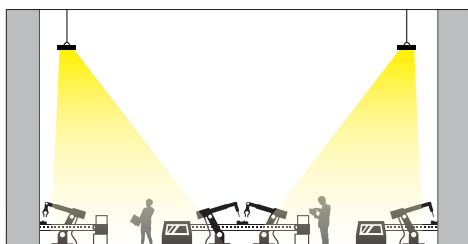
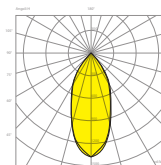
Mod. SU



Utilizzo di un ottica concentrante per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Narrow beam fixture to avoid light dispersion within lanes installation.

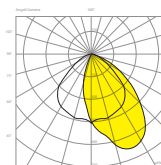
Mod. CU



Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

Mod. AU



# LORD 2

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.



### Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+3.00%**

## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>≈</sub> 240 | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | A++

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 9006
8036		SU	3 = 3000°K (CRI >80)		040	GL = on/off	
		S2	4 = 4000°K (CRI >80)		058	GM = 1-10v	
		S5	5 = 5000°K (CRI >80)		065	GD = dali	
		CU	6 = 6500°K (CRI >80)		080	G1 = em. 1h	
		EL			100	G3 = em. 3h	
					118	GA = vetro acidato / acid-etched glass	
					130	GV = vetro infrangibile / shatterproof glass	
					150	SG = multisensor DALI	
					170		
					185		

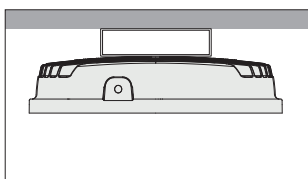
### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 7015
8036		SU	3 = 3000°K (CRI >80)		040	EL = on/off	
		S2	4 = 4000°K (CRI >80)		058	LM = 1-10v	
		S5	5 = 5000°K (CRI >80)		065	LD = dali	
		CU	6 = 6500°K (CRI >80)		080	E1 = em. 1h	
		EL			100	E3 = em. 3h	
					118	VA = vetro acidato / acid-etched glass	
					130	VI = vetro infrangibile / shatterproof glass	
					150	SE = multisensor DALI	
					170		
					185		



## INSTALLAZIONE / INSTALLATION

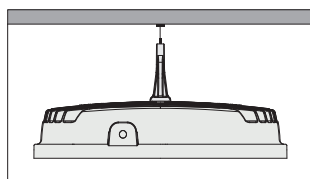
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC054-055)

Surface mounting installation. (ACC054-55)

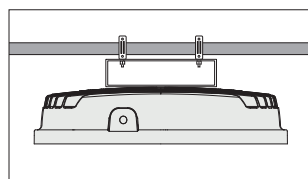
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

Installazione a blindosbarra  
Busbar installation

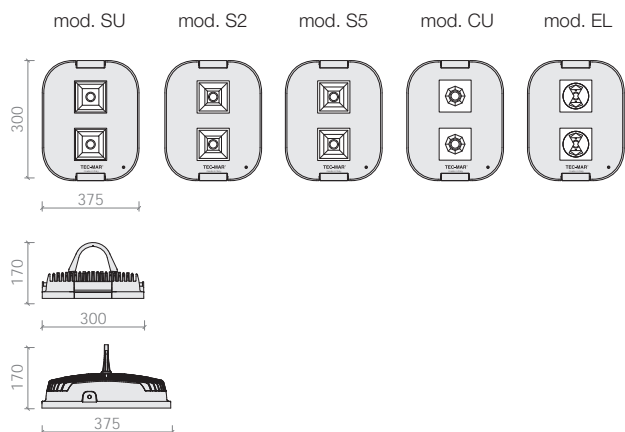


Apparecchio adatto per installazione a blindosbarra. (ACC056-057)

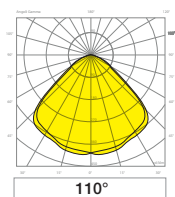
Busbar installation. (ACC056-57)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	300	375	170	6,5	0,024	50



## Mod. SU



### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.

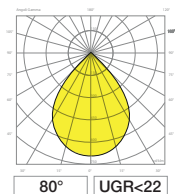
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
40	2	6708	5356	134	70W JM/SAP	D1
58	2	10638	8579	148	70W JM/SAP	D1
65	2	11753	9381	144	150W JM/SAP	D1
80	2	13809	11024	138	150W JM/SAP	D1
100	2	16919	13505	135	250W JM/SAP	D1
118	2	19759	15774	134	250W JM/SAP	D1
130	2	21403	17087	131	250W JM/SAP	D1
150	2	24559	19606	131	250W JM/SAP	D1
170	2	26666	21288	125	400W JM/SAP	D1
185	2	29292	23385	126	400W JM/SAP	D1

\*4000K CRI>80

## Mod. S2



### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.

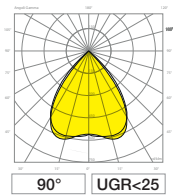
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
40	2	6708	5102	128	70W JM/SAP	D1
58	2	10638	8173	141	70W JM/SAP	D1
65	2	11753	8937	137	150W JM/SAP	D1
80	2	13809	10502	131	150W JM/SAP	D1
100	2	16919	12866	129	250W JM/SAP	D1
118	2	19759	15027	127	250W JM/SAP	D1
130	2	21403	16278	125	250W JM/SAP	D1
150	2	24559	18678	125	250W JM/SAP	D1
170	2	26666	20280	119	400W JM/SAP	D1
185	2	29292	22278	120	400W JM/SAP	D1

\*4000K CRI>80

## Mod. S5



### Ottica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.

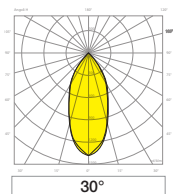
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
40	2	6708	5324	133	70W JM/SAP	D1
58	2	10638	8529	147	70W JM/SAP	D1
65	2	11753	9326	143	150W JM/SAP	D1
80	2	13809	10959	137	150W JM/SAP	D1
100	2	16919	13425	134	250W JM/SAP	D1
118	2	19759	15680	133	250W JM/SAP	D1
130	2	21403	16986	131	250W JM/SAP	D1
150	2	24559	19490	130	250W JM/SAP	D1
170	2	26666	21162	124	400W JM/SAP	D1
185	2	29292	23246	126	400W JM/SAP	D1

\*4000K CRI>80

## Mod. CU



### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.

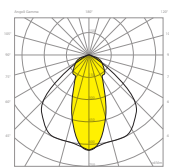
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
40	2	6708	4880	122	70W JM/SAP	D1
58	2	10638	7818	135	70W JM/SAP	D1
65	2	11753	8549	132	150W JM/SAP	D1
80	2	13809	10045	126	150W JM/SAP	D1
100	2	16919	12306	123	250W JM/SAP	D1
118	2	19759	14374	122	250W JM/SAP	D1
130	2	21403	15570	120	250W JM/SAP	D1
150	2	24559	17866	119	250W JM/SAP	D1
170	2	26666	19399	114	400W JM/SAP	D1
185	2	29292	21309	115	400W JM/SAP	D1

\*4000K CRI>80

## Mod. EL



90/30°

### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector

### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.

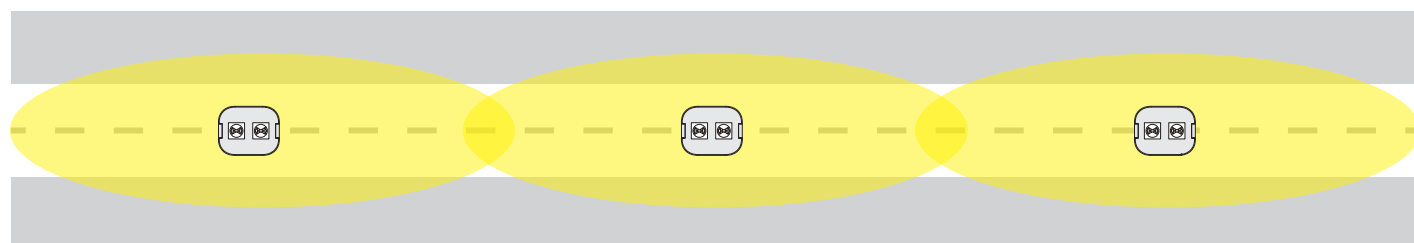
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
40	2	6708	5118	128	70W JM/SAP	D1
58	2	10638	8199	141	70W JM/SAP	D1
65	2	11753	8965	138	150W JM/SAP	D1
80	2	13809	10535	132	150W JM/SAP	D1
100	2	16919	12905	129	250W JM/SAP	D1
118	2	19759	15074	128	250W JM/SAP	D1
130	2	21403	16328	126	250W JM/SAP	D1
150	2	24559	18736	125	250W JM/SAP	D1
170	2	26666	20343	120	400W JM/SAP	D1
185	2	29292	22347	121	400W JM/SAP	D1

\*4000K CRI>80

## ILLUMINAZIONE DI CORSIE / LANES LIGHTING



Du

### Uniformità

il passo di installazione per ottenere l'uniformità di illuminamento con 150 lux:

$Du = 1,35 \times hu$

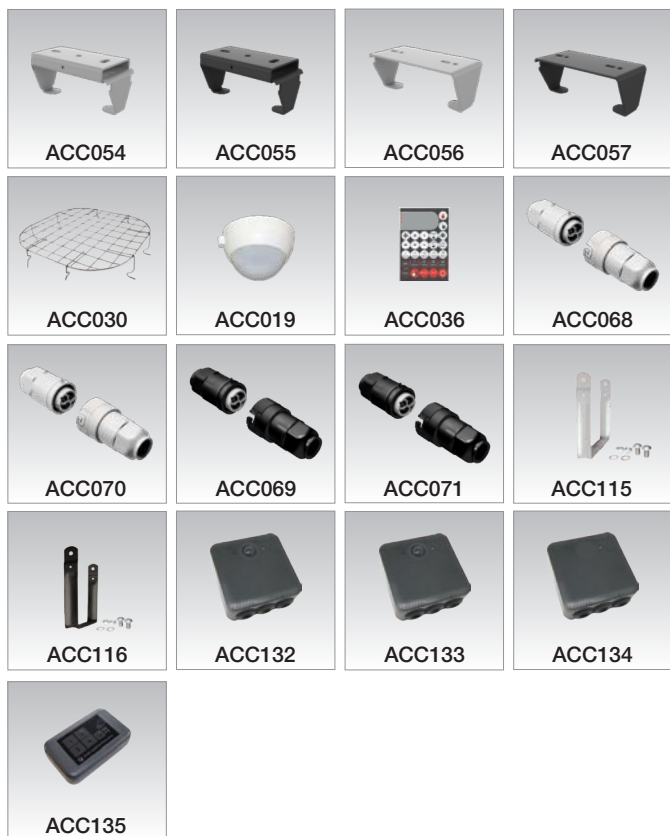
hu = altezza utile di installazione

### Uniformity

Installation distance to achieve sufficient uniformity with 150 lux:

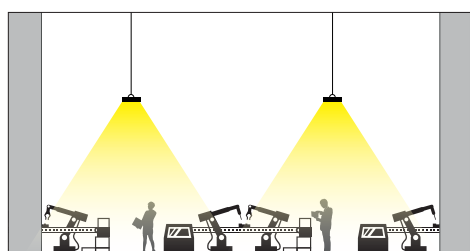
$Du = 1,35 \times hu$

hu = usefull height of installation



- ACC054** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)
- ACC055** Kit staffe per installazione a plafone (antracite RAL 7015)  
Surface mounting kit (anthracite RAL 7015)
- ACC056** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)
- ACC057** Kit staffe per installazione a blindo sbarra (antracite RAL 7015)  
Busbar mounting kit (anthracite RAL 7015)
- ACC030** Griglia di protezione 300 x 385 mm  
300 x 385 mm protection grid
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC115** Kit staffe regolabili (silver RAL 9006)  
Adjustable brackets kit (silver RAL 9006)
- ACC116** Kit staffe regolabili (antracite RAL 7015)  
Adjustable brackets kit (anthracite RAL 7015)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

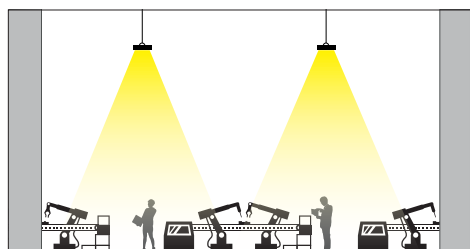
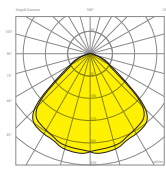
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area with height from 5 to 9 meters.

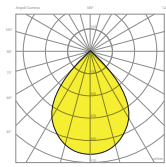
Mod. SU



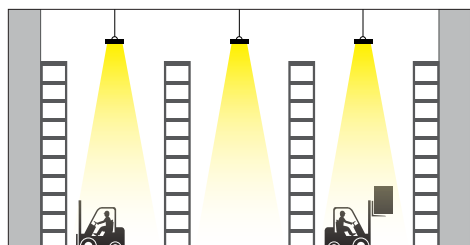
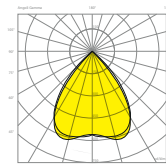
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

Mod. S2



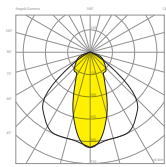
Mod. S5



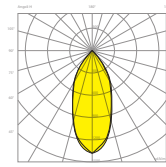
Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

Mod. EL



Mod. CU

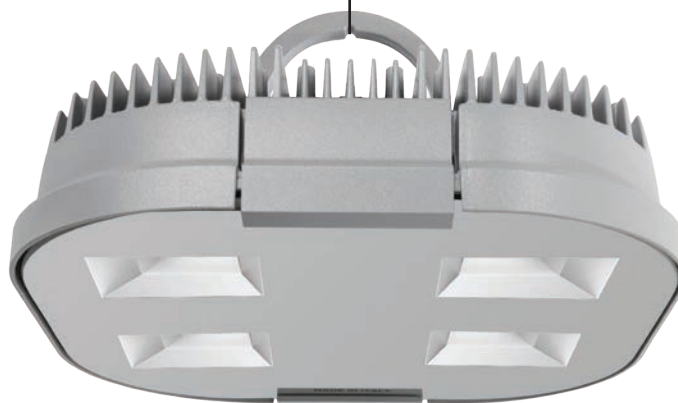




# LORD HP

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.



### Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+3.00%**

## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | A++

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 9006
8037		SU	3 = 3000°K (CRI >80)		056	GL = on/off	
		S2	4 = 4000°K (CRI >80)		080	GM = 1-10v	
		S5	5 = 5000°K (CRI >80)		100	GD = dali	
		CU	6 = 6500°K (CRI >80)		118	G1 = em. 1h	
		EL			120	G3 = em. 3h	
					130	GA = vetro acidato / acid-etched glass	
					140	GV = vetro infrangibile / shatterproof glass	
					150	SG = multisensor DALI	
					170		
					185		

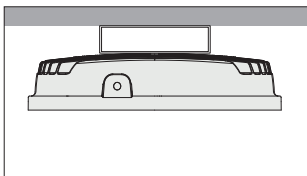
### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 7015
8037		SU	3 = 3000°K (CRI >80)		056	EL = on/off	
		S2	4 = 4000°K (CRI >80)		080	LM = 1-10v	
		S5	5 = 5000°K (CRI >80)		100	LD = dali	
		CU	6 = 6500°K (CRI >80)		118	E1 = em. 1h	
		EL			120	E3 = em. 3h	
					130	VA = vetro acidato / acid-etched glass	
					140	VI = vetro infrangibile / shatterproof glass	
					150	SE = multisensor DALI	
					170		
					185		



## INSTALLAZIONE / INSTALLATION

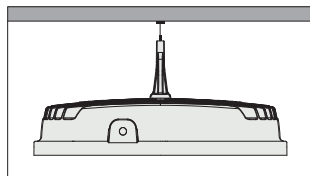
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC054-055)

Surface mounting installation. (ACC054-55)

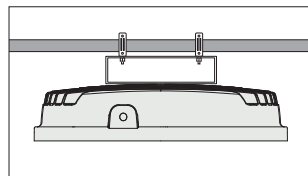
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

Installazione a blindosbarra  
Busbar installation

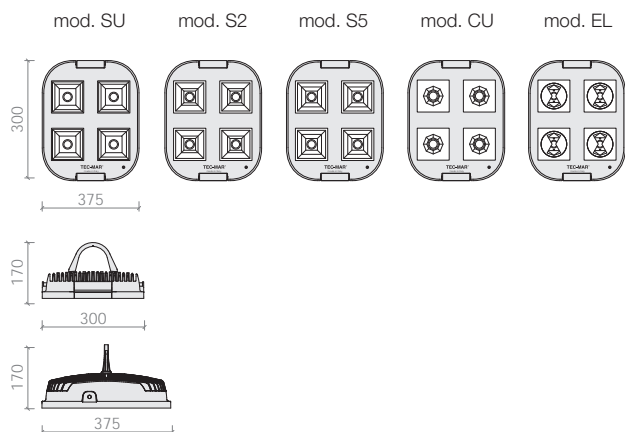


Apparecchio adatto per installazione a blindosbarra. (ACC056-057)

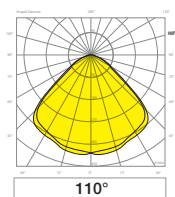
Busbar installation. (ACC056-57)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	300	375	170	6,5	0,024	50



## Mod. SU



### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector

110°



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 1000mm.

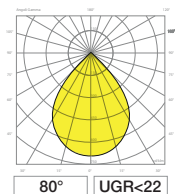
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
56	4	10634	8489	152	70W JM/SAP	D1
80	4	15455	12337	154	150W JM/SAP	D1
100	4	19576	15627	156	250W JM/SAP	D1
118	4	21651	17284	146	250W JM/SAP	D1
120	4	23498	18759	156	250W JM/SAP	D1
130	4	24630	19662	151	250W JM/SAP	D1
140	4	26486	21130	151	250W JM/SAP	D1
150	4	28405	22676	151	250W JM/SAP	D1
170	4	30807	24594	145	400W JM/SAP	D1
185	4	33622	26841	145	400W JM/SAP	D1

\*4000K CRI>80

## Mod. S2



### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector

80°

UGR<22



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

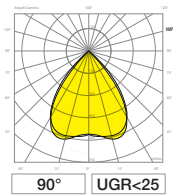
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
56	4	10634	8087	144	70W JM/SAP	D1
80	4	15455	11753	147	150W JM/SAP	D1
100	4	19576	14888	149	250W JM/SAP	D1
118	4	21651	16465	140	250W JM/SAP	D1
120	4	23498	17871	149	250W JM/SAP	D1
130	4	24630	18732	144	250W JM/SAP	D1
140	4	26486	20130	144	250W JM/SAP	D1
150	4	28405	21603	144	250W JM/SAP	D1
170	4	30807	23430	138	400W JM/SAP	D1
185	4	33622	25571	138	400W JM/SAP	D1

\*4000K CRI>80

## Mod. S5



### Ottica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

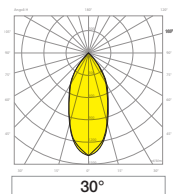
Suspension fixing system included.  
1000mm long H07RN-F neoprene cable included.



W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
56	4	10634	8439	151	70W JM/SAP	D1
80	4	15455	12264	153	150W JM/SAP	D1
100	4	19576	15535	155	250W JM/SAP	D1
118	4	21651	17181	146	250W JM/SAP	D1
120	4	23498	18648	155	250W JM/SAP	D1
130	4	24630	19546	150	250W JM/SAP	D1
140	4	26486	21005	150	250W JM/SAP	D1
150	4	28405	22542	150	250W JM/SAP	D1
170	4	30807	24448	144	400W JM/SAP	D1
185	4	33622	26683	144	400W JM/SAP	D1

\*4000K CRI>80

## Mod. CU



### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

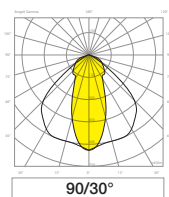
Suspension fixing system included.  
1000mm long H07RN-F neoprene cable included.



W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
56	4	10634	7735	138	70W JM/SAP	D1
80	4	15455	11242	141	150W JM/SAP	D1
100	4	19576	13549	135	250W JM/SAP	D1
118	4	21651	15750	133	250W JM/SAP	D1
120	4	23498	17094	142	250W JM/SAP	D1
130	4	24630	17917	138	250W JM/SAP	D1
140	4	26486	19225	138	250W JM/SAP	D1
150	4	28405	20664	138	250W JM/SAP	D1
170	4	30807	22411	132	400W JM/SAP	D1
185	4	33622	24459	132	400W JM/SAP	D1

\*4000K CRI>80

## Mod. EL



90/30°

### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector

### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

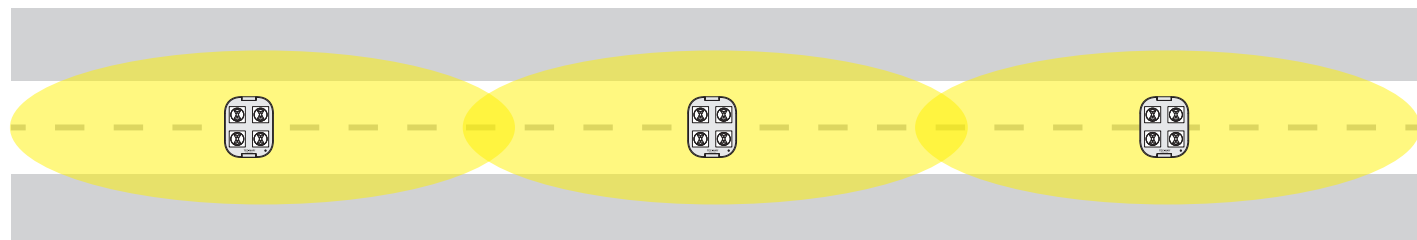
### Equipment

Suspension fixing system included.  
1000mm long H07RN-F neoprene cable included.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
56	4	10634	8112	145	70W JM/SAP	D1
80	4	15455	11790	147	150W JM/SAP	D1
100	4	19576	14209	142	250W JM/SAP	D1
118	4	21651	16517	140	250W JM/SAP	D1
120	4	23498	17927	149	250W JM/SAP	D1
130	4	24630	18790	145	250W JM/SAP	D1
140	4	26486	20192	144	250W JM/SAP	D1
150	4	28405	21670	144	250W JM/SAP	D1
170	4	30807	23502	138	400W JM/SAP	D1
185	4	33622	25650	139	400W JM/SAP	D1

\*4000K CRI>80

## ILLUMINAZIONE DI CORSIE / LANES LIGHTING



|-----|  
Du

### Uniformità

il passo di installazione per ottenere l'uniformità di illuminamento con 150 lux:

$$DU = 1,35 \times hu$$

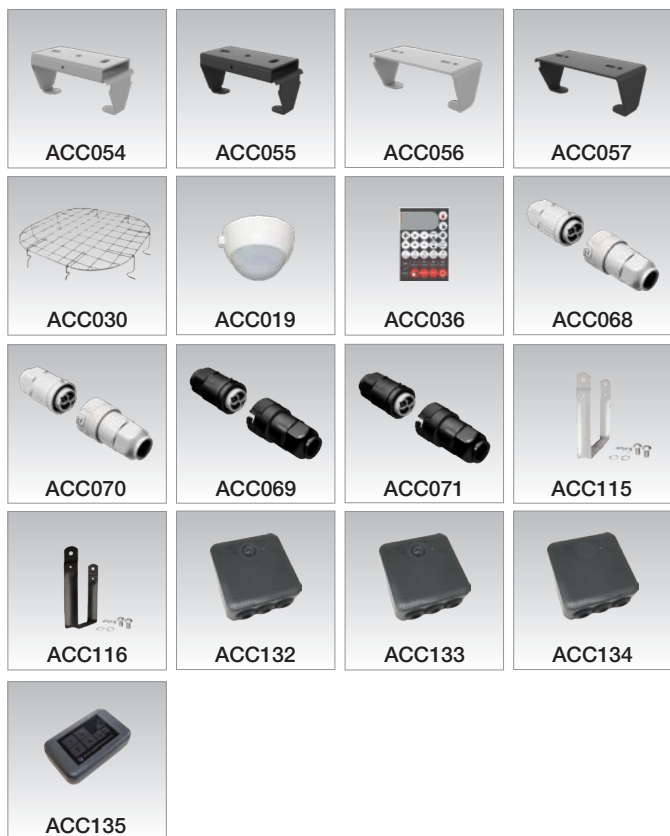
hu = altezza utile di installazione

### Uniformity

Installation distance to achieve sufficient uniformity with 150 lux:

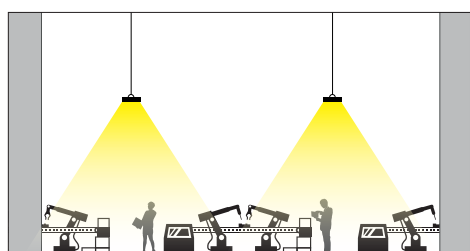
$$DU = 1,35 \times hu$$

hu = usefull height of installation



- ACC054** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)
- ACC055** Kit staffe per installazione a plafone (antracite RAL 7015)  
Surface mounting kit (anthracite RAL 7015)
- ACC056** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)
- ACC057** Kit staffe per installazione a blindo sbarra (antracite RAL 7015)  
Busbar mounting kit (anthracite RAL 7015)
- ACC030** Griglia di protezione 300 x 385 mm  
300 x 385 mm protection grid
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC115** Kit staffe regolabili (silver RAL 9006)  
Adjustable brackets kit (silver RAL 9006)
- ACC116** Kit staffe regolabili (antracite RAL 7015)  
Adjustable brackets kit (anthracite RAL 7015)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

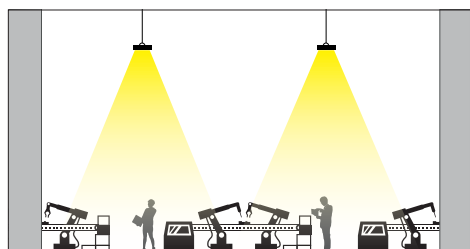
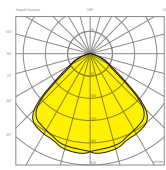
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area with height from 5 to 9 meters.

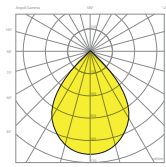
Mod. SU



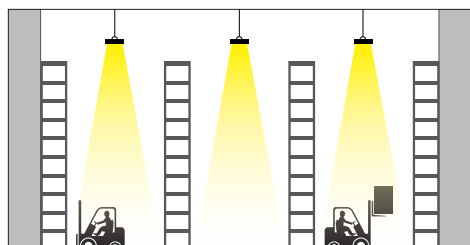
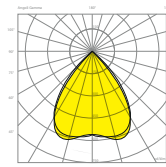
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

Mod. S2



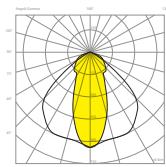
Mod. S5



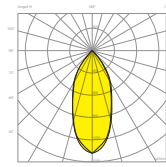
Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

Mod. EL



Mod. CU



# LORD

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.




## INSTALLAZIONE / INSTALLATION




## CARATTERISTICHE / MAIN FEATURES

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 9006
8031		SU	3 = 3000°K (CRI >80)		080	GL = on/off	
		S2	4 = 4000°K (CRI >80)		115	GM = 1-10v	
		S5	5 = 5000°K (CRI >80)		120	GD = dali	
		CU	6 = 6500°K (CRI >80)		150	G1 = em. 1h	
		EL			185	G3 = em. 3h	
					200	GA = vetro acidato / acid-etched glass	
						GV = vetro infrangibile / shatterproof glass	
						SG = multisensor DALI	

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 7015
8031		SU	3 = 3000°K (CRI >80)		080	EL = on/off	
		S2	4 = 4000°K (CRI >80)		115	LM = 1-10v	
		S5	5 = 5000°K (CRI >80)		120	LD = dali	
		CU	6 = 6500°K (CRI >80)		150	E1 = em. 1h	
		EL			185	E3 = em. 3h	
					200	VA = vetro acidato / acid-etched glass	
						VI = vetro infrangibile / shatterproof glass	
						SE = multisensor DALI	

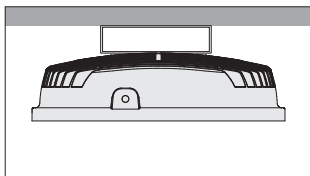
## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+3.00%**



## INSTALLAZIONE / INSTALLATION

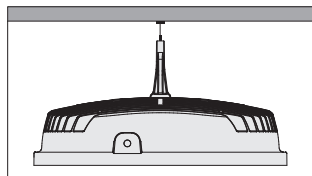
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058-059)

Surface mounting installation. (ACC058-59)

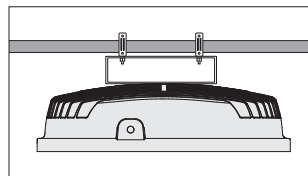
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.


Installazione a blindosbarra  
Busbar installation

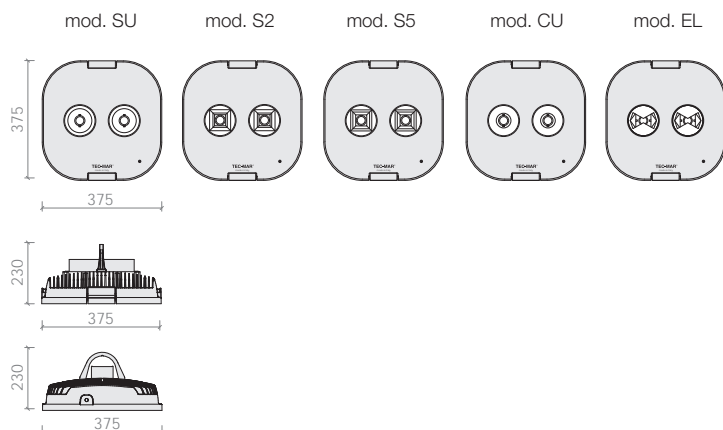


Apparecchio adatto per installazione a blindosbarra. (ACC060-061)

Busbar installation. (ACC060-61)

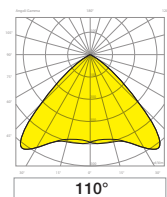
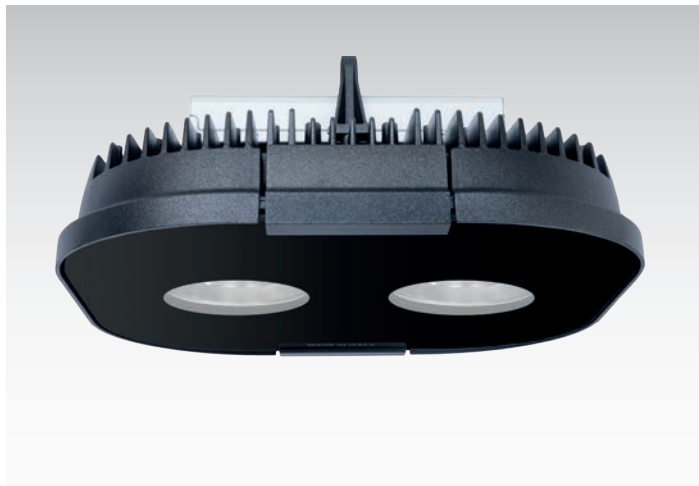
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	375	375	230	8,7	0,024	50
<b>D2</b>	375	375	230	9,0	0,024	50





## Mod. SU



### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66 (escluso 80W e 115W).

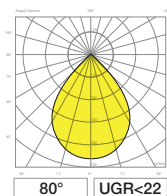
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector (80W and 115W excluded).

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	2	14420	11167	140	150W JM/SAP	D1
115	2	19844	15367	134	250W JM	D1
120	2	20727	16051	134	250W JM/SAP	D1
150	2	25058	19404	129	250W JM/SAP	D1
185	2	29834	23110	125	400W JM	D2
200	2	31858	24670	123	400W JM/SAP	D2

\*4000K CRI>80

## Mod. S2



### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66 (escluso 80W e 115W).

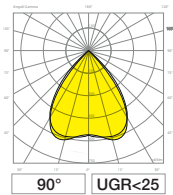
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector (80W and 115W excluded).

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	2	14420	10962	137	150W JM/SAP	D1
115	2	19844	15086	131	250W JM	D1
120	2	20727	15757	131	250W JM/SAP	D1
150	2	25058	19050	127	250W JM/SAP	D1
185	2	29834	22687	123	400W JM	D2
200	2	31858	24218	121	400W JM/SAP	D2

\*4000K CRI>80

## Mod. S5



### Ottica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector

90° UGR<25



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66 (escluso 80W e 115W).

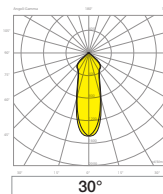
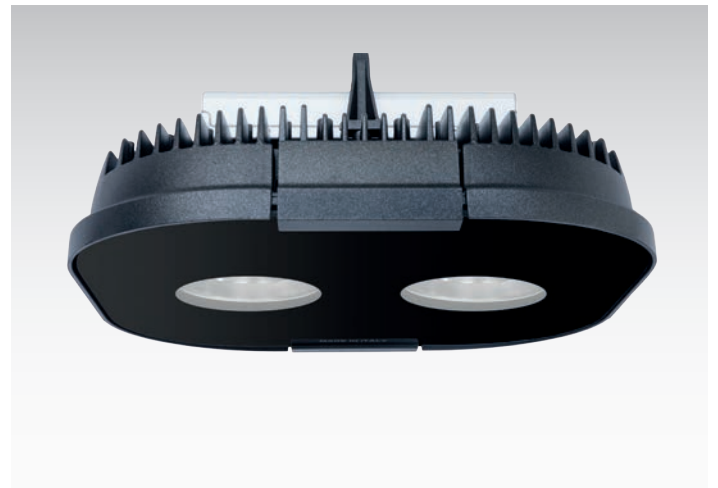
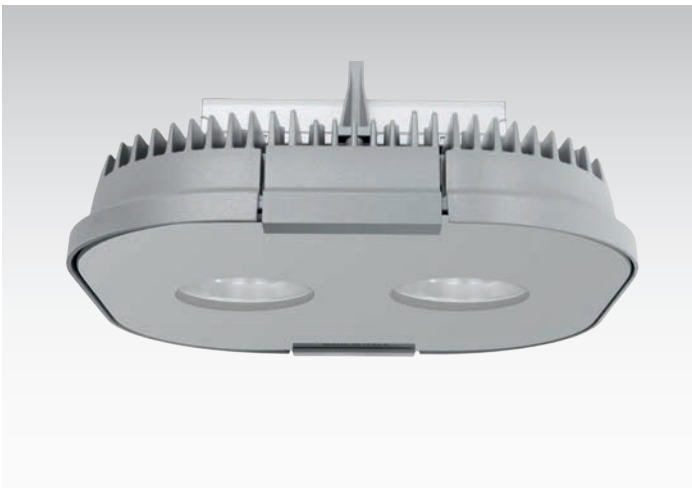
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector (80W and 115W excluded).

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	2	14420	11439	143	150W JM/SAP	D1
115	2	19844	15742	137	250W JM	D1
120	2	20727	16442	137	250W JM/SAP	D1
150	2	25058	19878	133	250W JM/SAP	D1
185	2	29834	23674	128	400W JM	D2
200	2	31858	25271	126	400W JM/SAP	D2

\*4000K CRI>80

## Mod. CU



### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector

30°



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66 (escluso 80W e 115W).

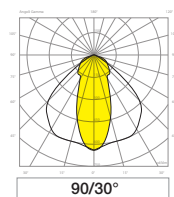
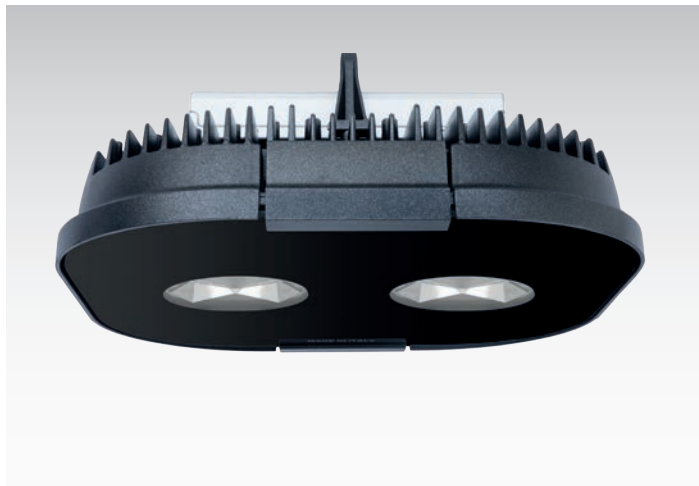
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector (80W and 115W excluded).

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	2	14420	11099	139	150W JM/SAP	D1
115	2	19844	15273	133	250W JM	D1
120	2	20727	15953	133	250W JM/SAP	D1
150	2	25058	19286	129	250W JM/SAP	D1
185	2	29834	22969	124	400W JM	D2
200	2	31858	24519	123	400W JM/SAP	D2

\*4000K CRI>80

## Mod. EL



### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	2	14420	10997	137	150W JM/SAP	D1
115	2	19844	15133	132	250W JM	D1
120	2	20727	15806	132	250W JM/SAP	D1
150	2	25058	19109	127	250W JM/SAP	D1
185	2	29834	22758	123	400W JM	D2
200	2	31858	24294	121	400W JM/SAP	D2

### Dotazione

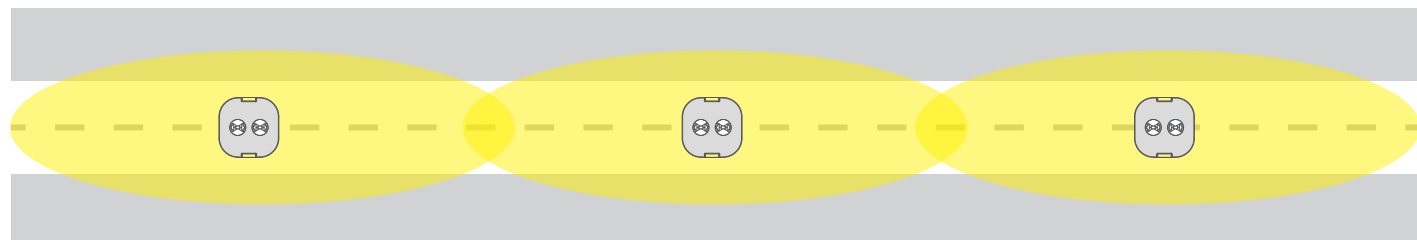
Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66 (escluso 80W e 115W).

\*4000K CRI>80

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector (80W and 115W excluded).

## ILLUMINAZIONE DI CORSIE / LANES LIGHTING



Du

### Uniformità

il passo di installazione per ottenere l'uniformità di illuminamento con 150 lux:

$$DU = 1,35 \times hu$$

hu = altezza utile di installazione

### Uniformity

Installation distance to achieve sufficient uniformity with 150 lux:

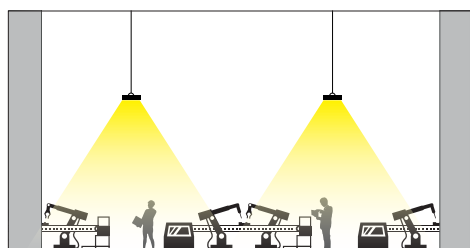
$$DU = 1,35 \times hu$$

hu = usefull height of installation



- ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)
- ACC059** Kit staffe per installazione a plafone (antracite RAL 7015)  
Surface mounting kit (anthracite RAL 7015)
- ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)
- ACC061** Kit staffe per installazione a blindo sbarra (antracite RAL 7015)  
Busbar mounting kit (anthracite RAL 7015)
- ACC031** Griglia di protezione 385 x 385 mm  
385 x 385 mm protection grid
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC117** Kit staffe regolabili (silver RAL 9006)  
Adjustable brackets kit (silver RAL 9006)
- ACC118** Kit staffe regolabili (antracite RAL 7015)  
Adjustable brackets kit (anthracite RAL 7015)
- ACC132** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

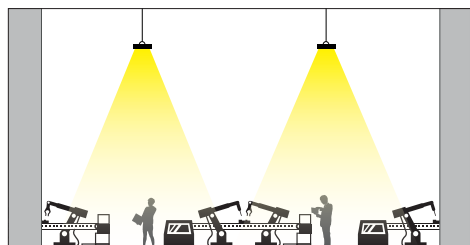
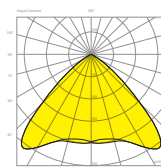
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area with height from 5 to 9 meters.

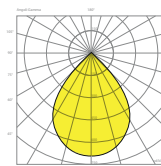
Mod. SU



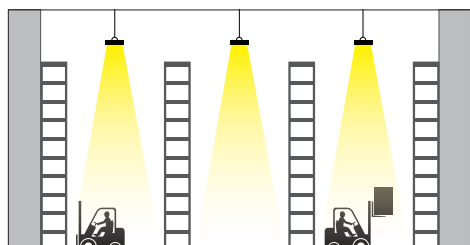
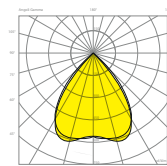
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

Mod. S2



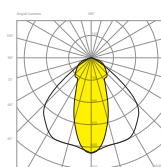
Mod. S5



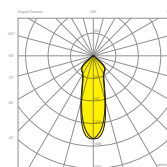
Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

Mod. EL



Mod. CU



# LORD 4

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 9006
8032		SU	3 = 3000°K (CRI >80)		150	GL = on/off	
		S2	4 = 4000°K (CRI >80)		175	GM = 1-10v	
		S5	5 = 5000°K (CRI >80)		200	GD = dali	
		CU	6 = 6500°K (CRI >80)		230	G1 = em. 1h	
		EL			240	G3 = em. 3h	
					280	GA = vetro acidato / acid-etched glass	
						GV = vetro infrangibile / shatterproof glass	
						SG = multisensor DALI	

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 7015
8032		SU	3 = 3000°K (CRI >80)		150	EL = on/off	
		S2	4 = 4000°K (CRI >80)		175	LM = 1-10v	
		S5	5 = 5000°K (CRI >80)		200	LD = dali	
		CU	6 = 6500°K (CRI >80)		230	E1 = em. 1h	
		EL			240	E3 = em. 3h	
					280	VA = vetro acidato / acid-etched glass	
						VI = vetro infrangibile / shatterproof glass	
						SE = multisensor DALI	

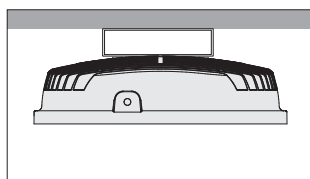
## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+3.00%**



## INSTALLAZIONE / INSTALLATION

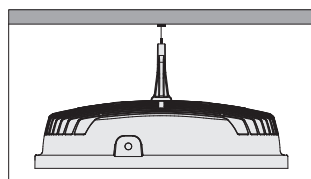
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058-059)

Surface mounting installation. (ACC058-59)

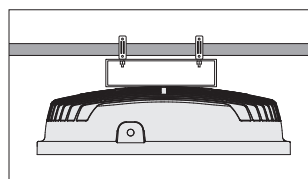
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.


Installazione a blindosbarra  
Busbar installation

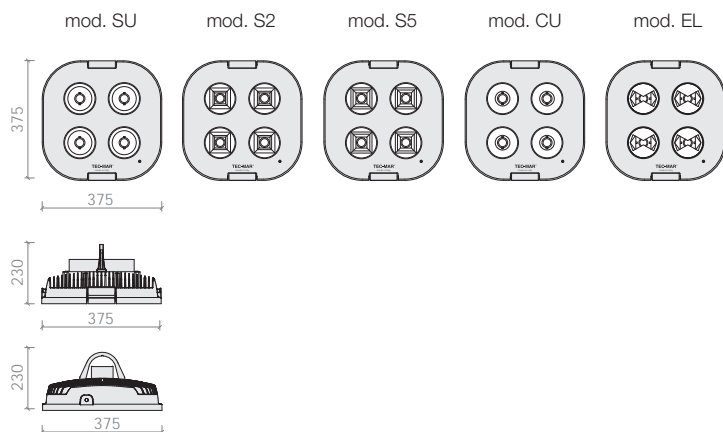


Apparecchio adatto per installazione a blindosbarra. (ACC060-061)

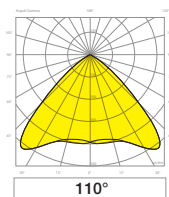
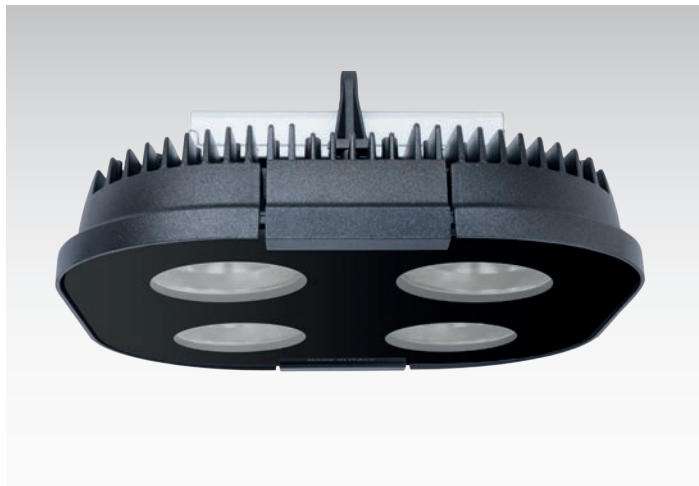
Busbar installation. (ACC060-61)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	375	375	230	9,0	0,024	50
<b>D2</b>	375	375	250	9,7	0,026	50



## Mod. SU



### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

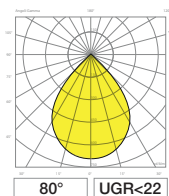
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20900	139	250W JM/SAP	D1
175	4	31898	24711	141	250W JM/SAP	D1
200	4	35331	27370	137	400W JM/SAP	D1
230	4	39687	30733	134	400W JM/SAP	D1
240	4	41454	32101	134	400W JM/SAP	D2
280	4	46686	36152	129	600W SAP	D2

\*4000K CRI>80

## Mod. S2



### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

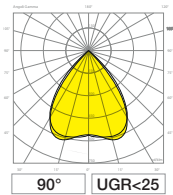
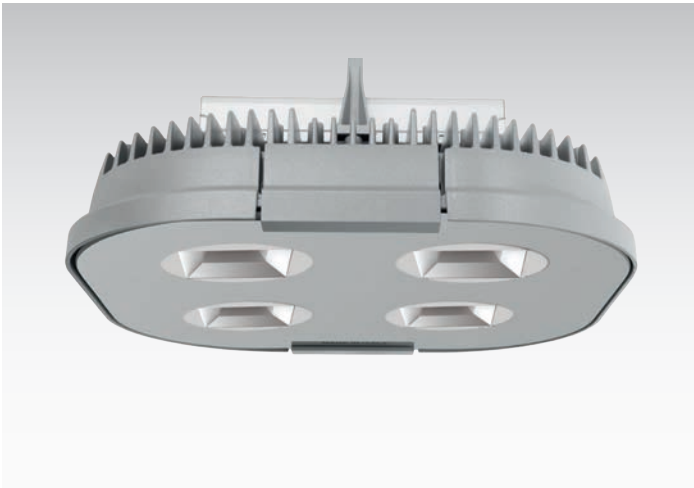
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20518	137	250W JM/SAP	D1
175	4	31898	24259	139	250W JM/SAP	D1
200	4	35331	26870	134	400W JM/SAP	D1
230	4	39687	30171	131	400W JM/SAP	D1
240	4	41454	31514	131	400W JM/SAP	D2
280	4	46686	35491	127	600W SAP	D2

\*4000K CRI>80

## Mod. S5



### Ottica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

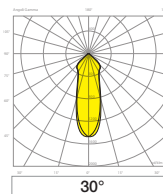
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	21410	143	250W JM/SAP	D1
175	4	31898	25314	145	250W JM/SAP	D1
200	4	35331	28038	140	400W JM/SAP	D1
230	4	39687	31483	137	400W JM/SAP	D1
240	4	41454	32884	137	400W JM/SAP	D2
280	4	46686	37034	132	600W SAP	D2

\*4000K CRI>80

## Mod. CU



### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

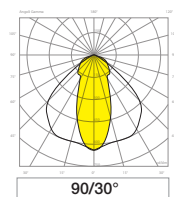
Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20773	138	250W JM/SAP	D1
175	4	31898	24560	140	250W JM/SAP	D1
200	4	35331	27203	136	400W JM/SAP	D1
230	4	39687	30546	133	400W JM/SAP	D1
240	4	41454	31905	133	400W JM/SAP	D2
280	4	46686	35932	128	600W SAP	D2

\*4000K CRI>80



## Mod. EL



### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector

90/30°



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

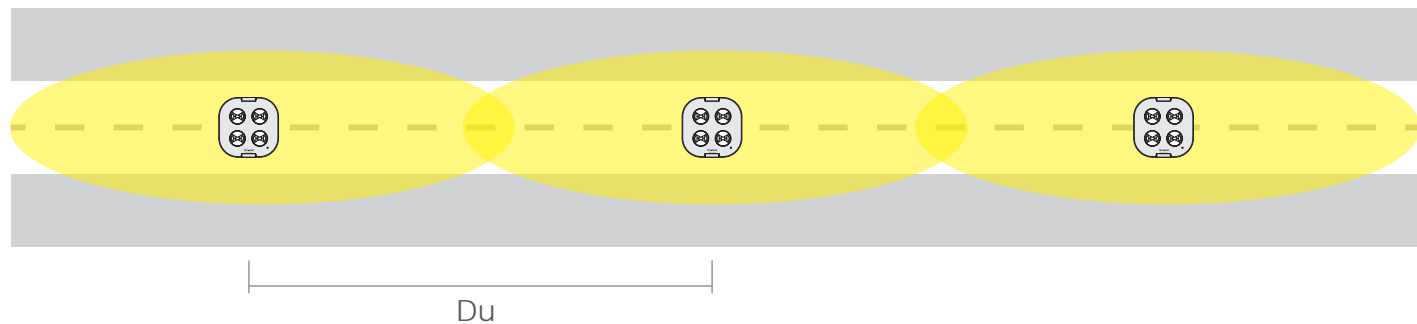
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20582	137	250W JM/SAP	D1
175	4	31898	24334	139	250W JM/SAP	D1
200	4	35331	26953	135	400W JM/SAP	D1
230	4	39687	30265	132	400W JM/SAP	D1
240	4	41454	31612	132	400W JM/SAP	D2
280	4	46686	35601	127	600W SAP	D2

\*4000K CRI>80

## ILLUMINAZIONE DI CORSIE / LANES LIGHTING



### Uniformità

il passo di installazione per ottenere l'uniformità di illuminamento con 150 lux:

$$DU = 1,35 \times hu$$

hu = altezza utile di installazione

### Uniformity

Installation distance to achieve sufficient uniformity with 150 lux:

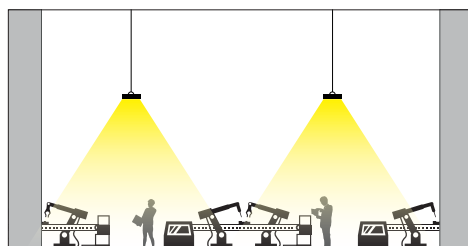
$$DU = 1,35 \times hu$$

hu = usefull height of installation



- ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)
- ACC059** Kit staffe per installazione a plafone (antracite RAL 7015)  
Surface mounting kit (anthracite RAL 7015)
- ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)
- ACC061** Kit staffe per installazione a blindo sbarra (antracite RAL 7015)  
Busbar mounting kit (anthracite RAL 7015)
- ACC031** Griglia di protezione 385 x 385 mm  
385 x 385 mm protection grid
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC117** Kit staffe regolabili (silver RAL 9006)  
Adjustable brackets kit (silver RAL 9006)
- ACC118** Kit staffe regolabili (antracite RAL 7015)  
Adjustable brackets kit (anthracite RAL 7015)
- ACC132** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

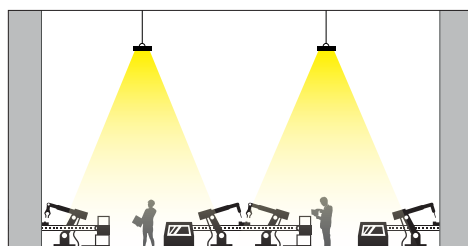
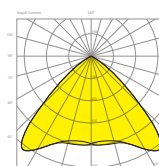
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica diffusa per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area with height from 5 to 9 meters.

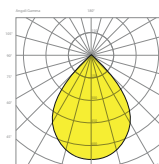
Mod. SU



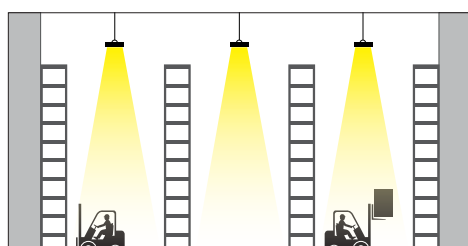
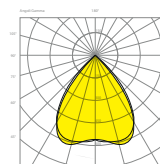
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

Mod. S2



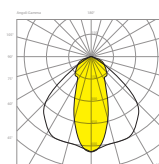
Mod. S5



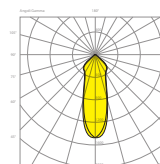
Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

Mod. EL



Mod. CU



# LORD HT

Riflettore industriale e commerciale a sospensione per alte temperature. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliester anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay for high temperatures. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.




## INSTALLAZIONE / INSTALLATION




## CARATTERISTICHE / MAIN FEATURES



### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 9006
8132		SU	3 = 3000°K (CRI >80)		150	GL = on/off	
		S2	4 = 4000°K (CRI >80)		175	GM = 1-10v	
		S5	5 = 5000°K (CRI >80)		200	GD = dali	
		CU	6 = 6500°K (CRI >80)		230	G1 = em. 1h	
		EL			240	G3 = em. 3h	
						GA = vetro acidato / acid-etched glass	
						GV = vetro infrangibile / shatterproof glass	
						SG = multisensor DALI	

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 7015
8132		SU	3 = 3000°K (CRI >80)		150	EL = on/off	
		S2	4 = 4000°K (CRI >80)		175	LM = 1-10v	
		S5	5 = 5000°K (CRI >80)		200	LD = dali	
		CU	6 = 6500°K (CRI >80)		230	E1 = em. 1h	
		EL			240	E3 = em. 3h	
						VA = vetro acidato / acid-etched glass	
						VI = vetro infrangibile / shatterproof glass	
						SE = multisensor DALI	

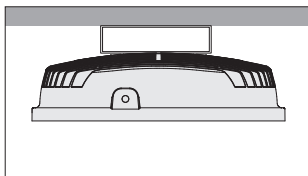
## Δ LUMEN

3000°K (CRI >80) =	<b>-5.28%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.90%</b>
6500°K (CRI >80) =	<b>+3.00%</b>



## INSTALLAZIONE / INSTALLATION

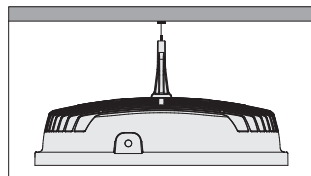
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058-059)

Surface mounting installation. (ACC058-59)

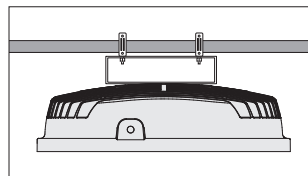
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.


Installazione a blindosbarra  
Busbar installation

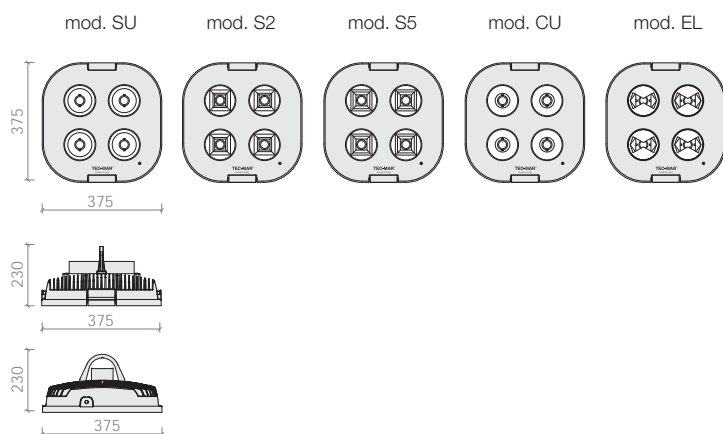


Apparecchio adatto per installazione a blindosbarra. (ACC060-061)

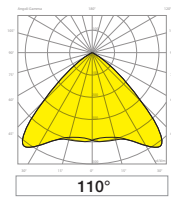
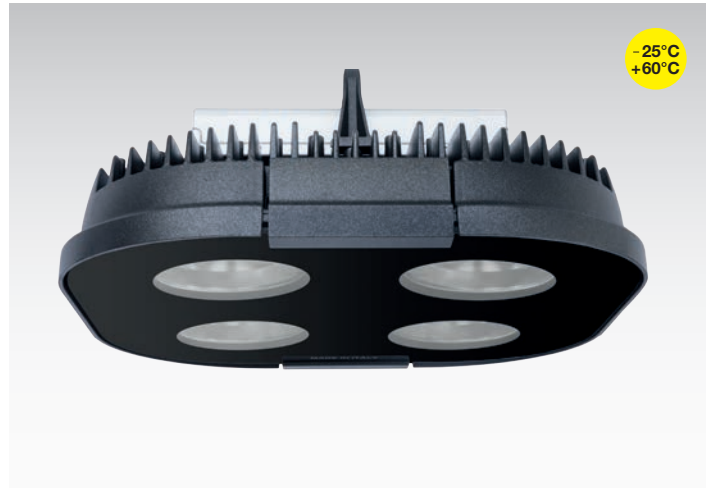
Busbar installation. (ACC060-61)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	375	375	230	9,0	0,024	50
<b>D2</b>	375	375	250	9,7	0,026	50



## Mod. SU



### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20900	139	250W JM/SAP	D1
175	4	31898	24711	141	250W JM/SAP	D1
200	4	35331	27370	137	400W JM/SAP	D1
230	4	39687	30733	134	400W JM/SAP	D1
240	4	41454	32101	134	400W JM/SAP	D2

\*4000K CRI>80

### Dotazione

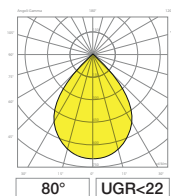
Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.



## Mod. S2



### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20518	137	250W JM/SAP	D1
175	4	31898	24259	139	250W JM/SAP	D1
200	4	35331	26870	134	400W JM/SAP	D1
230	4	39687	30171	131	400W JM/SAP	D1
240	4	41454	31514	131	400W JM/SAP	D2

\*4000K CRI>80

### Dotazione

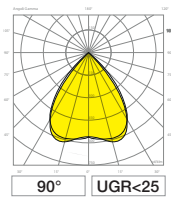
Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.



## Mod. S5



### Ottica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector

90° UGR<25



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

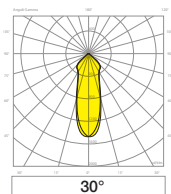
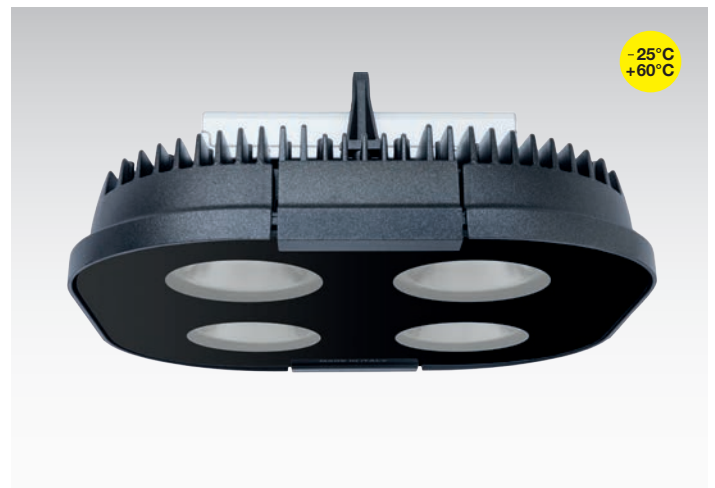
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	21410	143	250W JM/SAP	D1
175	4	31898	25314	145	250W JM/SAP	D1
200	4	35331	28038	140	400W JM/SAP	D1
230	4	39687	31483	137	400W JM/SAP	D1
240	4	41454	32884	137	400W JM/SAP	D2

\*4000K CRI>80

## Mod. CU



### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector

30°



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

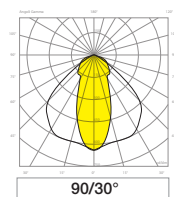
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20773	138	250W JM/SAP	D1
175	4	31898	24560	140	250W JM/SAP	D1
200	4	35331	27203	136	400W JM/SAP	D1
230	4	39687	30546	133	400W JM/SAP	D1
240	4	41454	31905	133	400W JM/SAP	D2

\*4000K CRI>80

## Mod. EL



90/30°

### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	4	28405	20582	137	250W JM/SAP	D1
175	4	31898	24334	139	250W JM/SAP	D1
200	4	35331	26953	135	400W JM/SAP	D1
230	4	39687	30265	132	400W JM/SAP	D1
240	4	41454	31612	132	400W JM/SAP	D2

### Dotazione

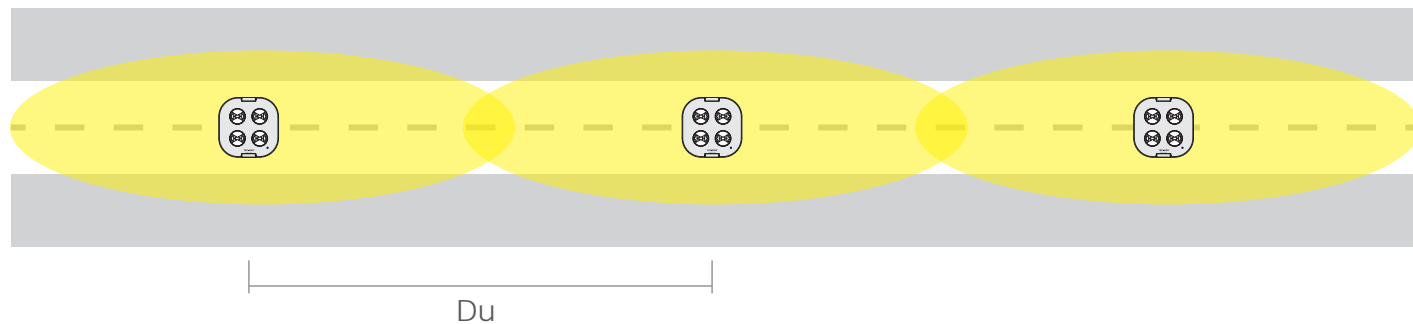
Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

\*4000K CRI>80

## ILLUMINAZIONE DI CORSIE / LANES LIGHTING



### Uniformità

il passo di installazione per ottenere l'uniformità di illuminamento con 150 lux:

$$DU = 1,35 \times hu$$

hu = altezza utile di installazione

### Uniformity

Installation distance to achieve sufficient uniformity with 150 lux:

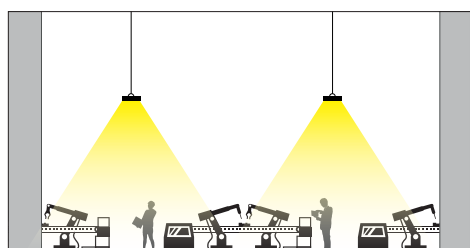
$$DU = 1,35 \times hu$$

hu = usefull height of installation



- ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)
- ACC059** Kit staffe per installazione a plafone (antracite RAL 7015)  
Surface mounting kit (anthracite RAL 7015)
- ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)
- ACC061** Kit staffe per installazione a blindo sbarra (antracite RAL 7015)  
Busbar mounting kit (anthracite RAL 7015)
- ACC031** Griglia di protezione 385 x 385 mm  
385 x 385 mm protection grid
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC117** Kit staffe regolabili (silver RAL 9006)  
Adjustable brackets kit (silver RAL 9006)
- ACC118** Kit staffe regolabili (antracite RAL 7015)  
Adjustable brackets kit (anthracite RAL 7015)
- ACC132** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

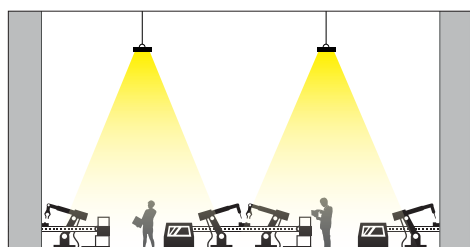
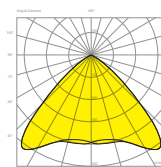
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area with height from 5 to 9 meters.

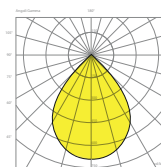
Mod. SU



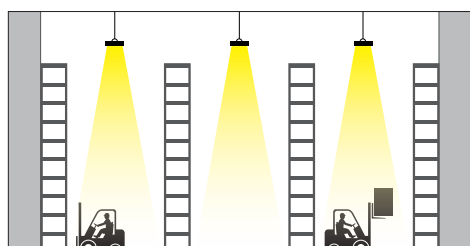
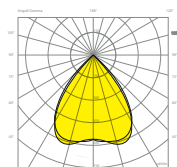
Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in a large work area with high height.

Mod. S2



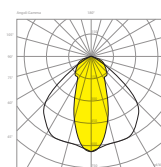
Mod. S5



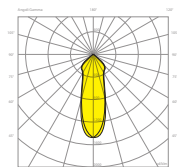
Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

Mod. EL



Mod. CU





# LORD 6

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.




## INSTALLAZIONE / INSTALLATION




## CARATTERISTICHE / MAIN FEATURES

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 9006
8137		SU	3 = 3000°K (CRI >80)	080	200	GL = on/off	
		S2	4 = 4000°K (CRI >80)	100	229	GM = 1-10v	
		S5	5 = 5000°K (CRI >80)	120	240	GD = dali	
			6 = 6500°K (CRI >80)	150	300	G1 = em. 1h	
				185		G3 = em. 3h	
						GA = vetro acidato / acid-etched glass	
						GV = vetro infrangibile / shatterproof glass	
						SG = multisensor DALI	

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 7015
8137		SU	3 = 3000°K (CRI >80)	080	200	EL = on/off	
		S2	4 = 4000°K (CRI >80)	100	229	LM = 1-10v	
		S5	5 = 5000°K (CRI >80)	120	240	LD = dali	
			6 = 6500°K (CRI >80)	150	300	E1 = em. 1h	
				185		E3 = em. 3h	
						VA = vetro acidato / acid-etched glass	
						VI = vetro infrangibile / shatterproof glass	
						SE = multisensor DALI	

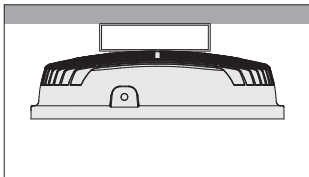
## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+3.00%**



## INSTALLAZIONE / INSTALLATION

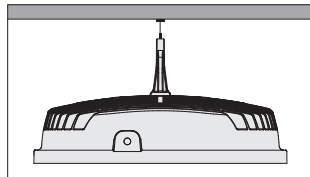
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058-059)

Surface mounting installation. (ACC058-59)

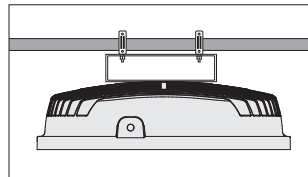
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.


Installazione a blindosbarra  
Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC060-061)

Busbar installation. (ACC060-61)

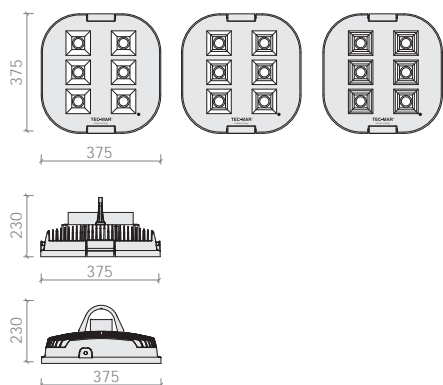
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	375	375	230	9,0	0,024	50
<b>D2</b>	375	375	250	9,7	0,026	50

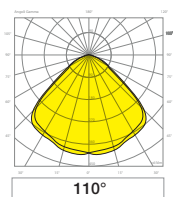
mod. SU

mod. S2

mod. S5



## Mod. SU



### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

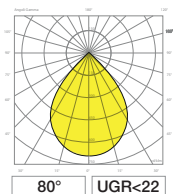
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	6	16479	13149	164	150W JM/SAP	D1
100	6	20568	16413	164	150W JM/SAP	D1
120	6	24045	19188	160	250W JM/SAP	D1
150	6	29212	23311	155	250W JM/SAP	D1
185	6	34885	27837	150	400W JM/SAP	D1
200	6	37694	30080	150	400W JM/SAP	D1
229	6	42706	34079	149	400W JM/SAP	D1
240	6	43812	34961	146	400W JM/SAP	D1
300	6	53099	42372	141	600W SAP	D2

\*4000K CRI>80

## Mod. S2



### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

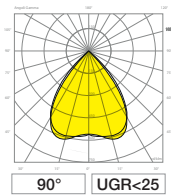
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	6	16479	12527	157	150W JM/SAP	D1
100	6	20568	15636	156	150W JM/SAP	D1
120	6	24045	18279	152	250W JM/SAP	D1
150	6	29212	22207	148	250W JM/SAP	D1
185	6	34885	26519	143	400W JM/SAP	D1
200	6	37694	28656	143	400W JM/SAP	D1
229	6	42706	32466	142	400W JM/SAP	D1
240	6	43812	33306	139	400W JM/SAP	D1
300	6	53099	40366	135	600W SAP	D2

\*4000K CRI>80

## Mod. S5



### Optica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	6	16479	13072	163	150W JM/SAP	D1
100	6	20568	16316	163	150W JM/SAP	D1
120	6	24045	19074	159	250W JM/SAP	D1
150	6	29212	23173	154	250W JM/SAP	D1
185	6	34885	27672	150	400W JM/SAP	D1
200	6	37694	29902	150	400W JM/SAP	D1
229	6	42706	33878	148	400W JM/SAP	D1
240	6	43812	34755	145	400W JM/SAP	D1
300	6	53099	42121	140	600W SAP	D2

\*4000K CRI>80

## ACCESSORI / ACCESSORIES



- ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)
- ACC059** Kit staffe per installazione a plafone (antracite RAL 7015)  
Surface mounting kit (anthracite RAL 7015)
- ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)
- ACC061** Kit staffe per installazione a blindo sbarra (antracite RAL 7015)  
Busbar mounting kit (anthracite RAL 7015)
- ACC031** Griglia di protezione 385 x 385 mm  
385 x 385 mm protection grid
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC117** Kit staffe regolabili (silver RAL 9006)  
Adjustable brackets kit (silver RAL 9006)
- ACC118** Kit staffe regolabili (antracite RAL 7015)  
Adjustable brackets kit (anthracite RAL 7015)
- ACC132** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimeto IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# SPIDERLED

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore antracite o silver, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder anthracite or silver color, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220-240 V<sub>≈</sub>

 -25°C / +45°C
 | IP65
 | IK08
 | RG0
 | CRI >80
 | 3 step MacAdam
 | <7% LOW flicker
 | L80-B20 >80.000h
 | L80-B50 >95.000h
 | **A++**

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 9006	
8100		SU	3 = 3000°K (CRI >80)		150	GL = on/off		
		DU	4 = 4000°K (CRI >80)		230	GM = 1-10v		
			5 = 5000°K (CRI >80)			GD = dali		
						D1 = dali + em. 1h		
						G1 = em. 1h		
						G3 = em. 3h		
						SG = multisensor DALI		

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options	RAL 7015	
8100		SU	3 = 3000°K (CRI >80)		150	EL = on/off		
		DU	4 = 4000°K (CRI >80)		230	LM = 1-10v		
			5 = 5000°K (CRI >80)			LD = dali		
						L1 = dali + em. 1h		
						E1 = em. 1h		
						E3 = em. 3h		
						SE = multisensor DALI		



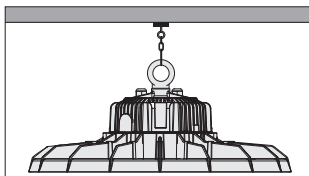
## Δ LUMEN

3000°K (CRI >80) = **-14.00%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**



## INSTALLAZIONE / INSTALLATION

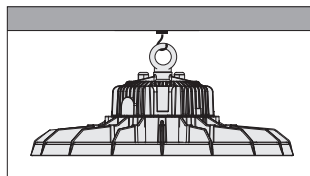
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

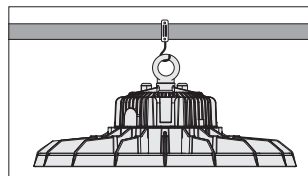
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.


Installazione a blindosbarra  
Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

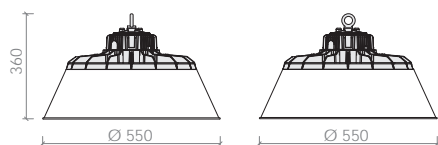
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	400	400	210	7,0	0,037	50
<b>D2</b>	550	550	360	7,3	0,090	50

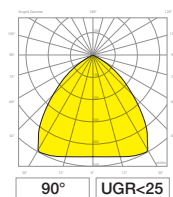
mod. SU



mod. DU



## Mod. SU



### Ottica

Lente diffondente 90° in policarbonato

### Optic

90° wide beam polycarbonate lens

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	228	24028	19654	131	250W JM/SAP	D1
230	228	33618	27499	120	400W JM/SAP	D1

\*4000K CRI>80

### Dotazione

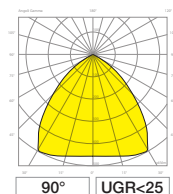
Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.



## Mod. DU



### Ottica

Lente diffondente 90° in policarbonato con riflettore in alluminio liscio ossidato anodicamente e brillantato

### Optic

90° wide beam polycarbonate lens with smooth oxidate anodised polished aluminium reflector

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
150	228	24028	19654	131	250W JM/SAP	D2
230	228	33618	27499	120	400W JM/SAP	D2

\*4000K CRI>80

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

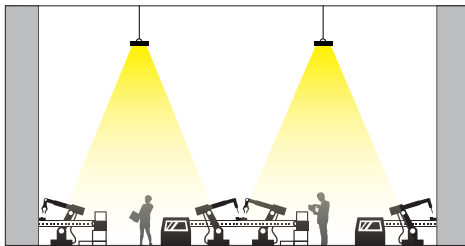
Suspension mounting system included. External wiring via IP66 rapid connector.





- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

APPLICAZIONI / APPLICATION

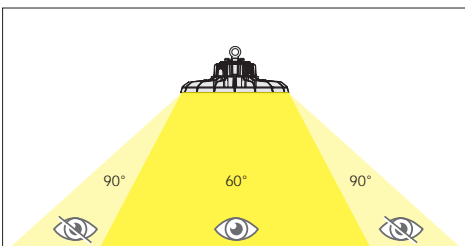
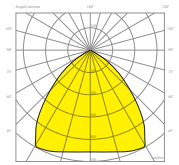
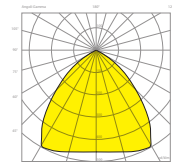


Utilizzo dell'ottica diffondente per l'illuminazione un'area di lavoro con installazione elevata.

Wide beam fixture used in a large work area with high height.

Mod. SU

Mod. DU



L'ottica SU e DU sono studiate in modo da garantire sempre un indice UGR<25.

The SU and DU models are designed to always guarantee UGR<25.





# SPIDERLED 2

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoisolante poliestere anticorrosione colore antracite o silver, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder anthracite or silver color, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

## CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options	RAL 9006	
8110		SU	3 = 3000°K (CRI >80)	068	145	GL	= on/off		
		DU	4 = 4000°K (CRI >80)	080	150	GM	= 1-10v		
			5 = 5000°K (CRI >80)	090	170	GD	= dali		
				100	195	D1	= dali + em. 1h		
				120	230	G1	= em. 1h		
						G3	= em. 3h		
						SG	= multisensor DALI		

## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options	RAL 7015	
8110		SU	3 = 3000°K (CRI >80)	068	145	EL	= on/off		
		DU	4 = 4000°K (CRI >80)	080	150	LM	= 1-10v		
			5 = 5000°K (CRI >80)	090	170	LD	= dali		
				100	195	L1	= dali + em. 1h		
				120	230	E1	= em. 1h		
						E3	= em. 3h		
						SE	= multisensor DALI		

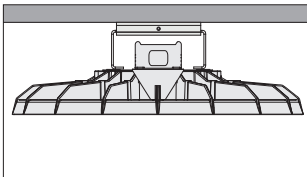
## Δ LUMEN

3000°K (CRI >80) = **-14.00%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**



## INSTALLAZIONE / INSTALLATION

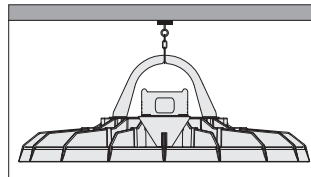
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058-059)

Surface mounting installation. (ACC058-59)

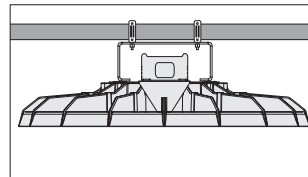
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.


Installazione a blindosbarra  
Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC060-061)

Busbar installation. (ACC060-61)

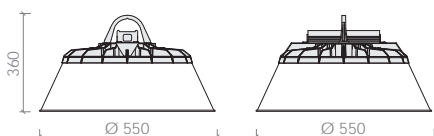
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	400	400	210	7,0	0,037	50
<b>D2</b>	550	550	360	7,3	0,090	50

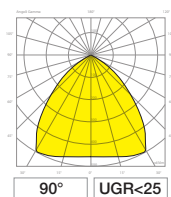
mod. SU



mod. DU



## Mod. SU



90° UGR<25



### Ottica

Lente diffondente 90° in policarbonato

### Optic

90° wide beam polycarbonate lens

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

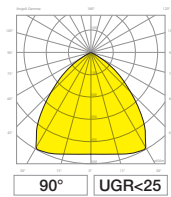
### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
68	228	11736	9600	141	150W JM/SAP	D1
80	228	13661	11174	140	150W JM/SAP	D1
90	228	15147	12390	138	150W JM/SAP	D1
100	228	16834	13770	138	250W JM/SAP	D1
120	228	19336	15816	132	250W JM/SAP	D1
145	228	23021	18831	130	250W JM/SAP	D1
150	228	24028	19654	131	250W JM/SAP	D1
170	228	26018	21282	125	400W JM	D1
195	228	29323	23986	123	400W JM/SAP	D1
230	228	33618	27499	120	400W JM/SAP	D1

\*4000K CRI>80

## Mod. DU



90° UGR<25



### Ottica

Lente diffondente 90° in policarbonato con riflettore in alluminio liscio ossidato anodicamente e brillantato

### Optic

90° wide beam polycarbonate lens with smooth oxidate anodised polished aluminium reflector

### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

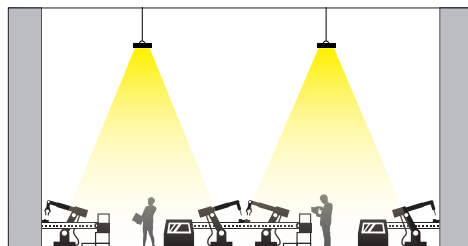
W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
68	228	11736	9600	141	150W JM/SAP	D2
80	228	13661	11174	140	150W JM/SAP	D2
90	228	15147	12390	138	150W JM/SAP	D2
100	228	16834	13770	138	250W JM/SAP	D2
120	228	19336	15816	132	250W JM/SAP	D2
145	228	23021	18831	130	250W JM/SAP	D2
150	228	24028	19654	131	250W JM/SAP	D2
170	228	26018	21282	125	400W JM	D2
195	228	29323	23986	123	400W JM/SAP	D2
230	228	33618	27499	120	400W JM/SAP	D2

\*4000K CRI>80



- ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)
- ACC059** Kit staffe per installazione a plafone (antracite RAL 7015)  
Surface mounting kit (anthracite RAL 7015)
- ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)
- ACC061** Kit staffe per installazione a blindo sbarra (antracite RAL 7015)  
Busbar mounting kit (anthracite RAL 7015)
- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

APPLICAZIONI / APPLICATION

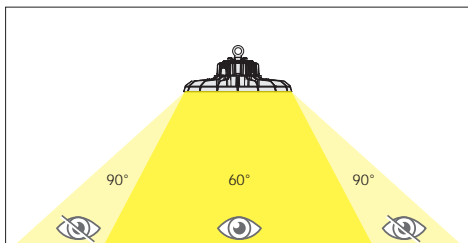
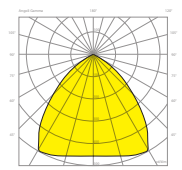
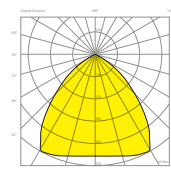


Utilizzo dell'ottica diffondente per l'illuminazione un'area di lavoro con installazione elevata.

Wide beam fixture used in a large work area with high height.

Mod. SU

Mod. DU



L'ottica SU e DU sono studiate in modo da garantire sempre un indice UGR<25.

The SU and DU models are designed to always guarantee UGR<25.



# PIER

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoisolante poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

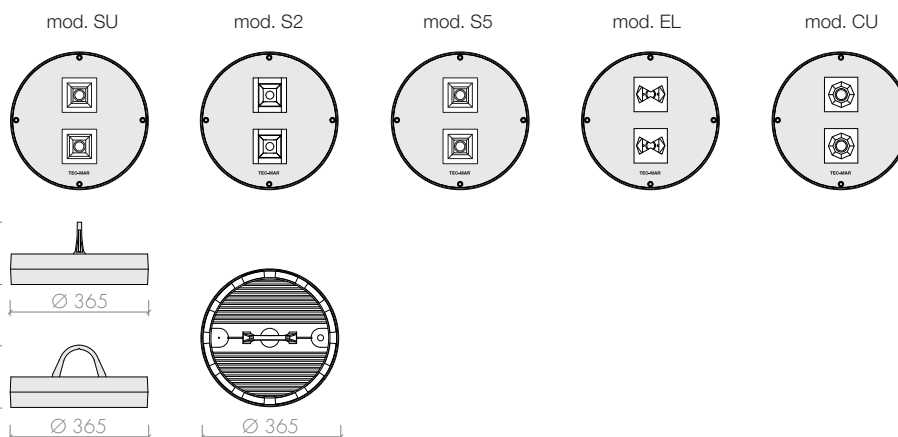
220 V<sub>~</sub> 240 | | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
8400		SU	3	= 3000°K (CRI >80)	040	118	GL = on/off
		S2	4	= 4000°K (CRI >80)	058	130	GM = 1-10v
		S5	5	= 5000°K (CRI >80)	065	150	GD = dali
		CU	9	= 4000°K (CRI >90)	080	170	D1 = dali + em. 1h
		EL			100	190	G1 = em. 1h G3 = em. 3h VA = vetro acidato / acid-etched glass VI = vetro infrangibile / shatterproof glass SG = multisensor DALI

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	365	365	150	5,5	0,022	50



## Dotazione

Surge Protection da 10kV incluso.

## Equipment

10kV Surge Protection.

RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 4000°K (CRI >90) = **-14.33%**



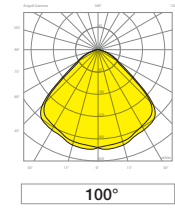
## Mod. SU

### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablati, lunghezza 800mm.

### Equipment

Suspension fixing system included. 800mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
40	4000K - CRI>80	2	6708	5356	134	70W JM/SAP	D1
58	4000K - CRI>80	2	10638	8579	148	70W JM/SAP	D1
65	4000K - CRI>80	2	11753	9381	144	150W JM/SAP	D1
80	4000K - CRI>80	2	13809	11024	138	150W JM/SAP	D1
100	4000K - CRI>80	2	16919	13505	135	250W JM/SAP	D1
118	4000K - CRI>80	2	19759	15774	134	250W JM/SAP	D1
130	4000K - CRI>80	2	21403	17087	131	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	19606	131	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	21288	125	400W JM	D1
190	4000K - CRI>80	2	29481	23525	124	400W JM/SAP	D1



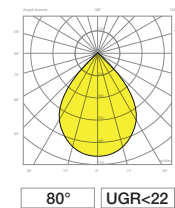
## Mod. S2

### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablati, lunghezza 800mm.

### Equipment

Suspension fixing system included. 800mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
40	4000K - CRI>80	2	6708	5102	128	70W JM/SAP	D1
58	4000K - CRI>80	2	10638	8173	141	70W JM/SAP	D1
65	4000K - CRI>80	2	11753	8937	137	150W JM/SAP	D1
80	4000K - CRI>80	2	13809	10502	131	150W JM/SAP	D1
100	4000K - CRI>80	2	16919	12866	129	250W JM/SAP	D1
118	4000K - CRI>80	2	19759	15027	127	250W JM/SAP	D1
130	4000K - CRI>80	2	21403	16278	125	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	18678	125	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	20280	119	400W JM	D1
190	4000K - CRI>80	2	29481	22421	118	400W JM/SAP	D1



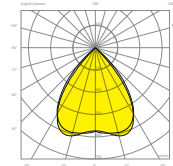
## Mod. S5

### Ottica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector



90° UGR<25



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
40	4000K - CRI>80	2	6708	5324	133	70W JM/SAP	D1
58	4000K - CRI>80	2	10638	8529	147	70W JM/SAP	D1
65	4000K - CRI>80	2	11753	9326	143	150W JM/SAP	D1
80	4000K - CRI>80	2	13809	10959	137	150W JM/SAP	D1
100	4000K - CRI>80	2	16919	13425	134	250W JM/SAP	D1
118	4000K - CRI>80	2	19759	15680	133	250W JM/SAP	D1
130	4000K - CRI>80	2	21403	16986	131	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	19490	130	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	21162	124	400W JM	D1
190	4000K - CRI>80	2	29481	23396	123	400W JM/SAP	D1



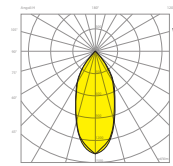
## Mod. CU

### Ottica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



30°



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
40	4000K - CRI>80	2	6708	4880	122	70W JM/SAP	D1
58	4000K - CRI>80	2	10638	7818	135	70W JM/SAP	D1
65	4000K - CRI>80	2	11753	8549	132	150W JM/SAP	D1
80	4000K - CRI>80	2	13809	10045	126	150W JM/SAP	D1
100	4000K - CRI>80	2	16919	12306	123	250W JM/SAP	D1
118	4000K - CRI>80	2	19759	14374	122	250W JM/SAP	D1
130	4000K - CRI>80	2	21403	15570	120	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	17866	119	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	19399	114	400W JM	D1
190	4000K - CRI>80	2	29481	21446	113	400W JM/SAP	D1

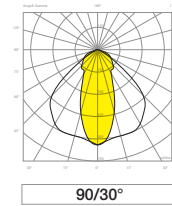
## Mod. EL

### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

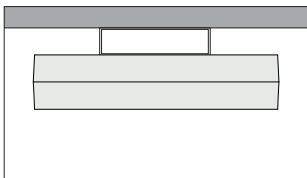
Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
40	4000K - CRI>80	2	6708	5118	128	70W JM/SAP	D1
58	4000K - CRI>80	2	10638	8199	141	70W JM/SAP	D1
65	4000K - CRI>80	2	11753	8965	138	150W JM/SAP	D1
80	4000K - CRI>80	2	13809	10535	132	150W JM/SAP	D1
100	4000K - CRI>80	2	16919	12905	129	250W JM/SAP	D1
118	4000K - CRI>80	2	19759	15074	128	250W JM/SAP	D1
130	4000K - CRI>80	2	21403	16328	126	250W JM/SAP	D1
150	4000K - CRI>80	2	24559	18736	125	250W JM/SAP	D1
170	4000K - CRI>80	2	26666	20343	120	400W JM	D1
190	4000K - CRI>80	2	29481	22490	118	400W JM/SAP	D1

## INSTALLAZIONE / INSTALLATION

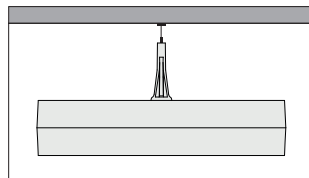
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC054)

Surface mounting installation. (ACC054)

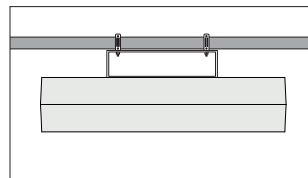
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

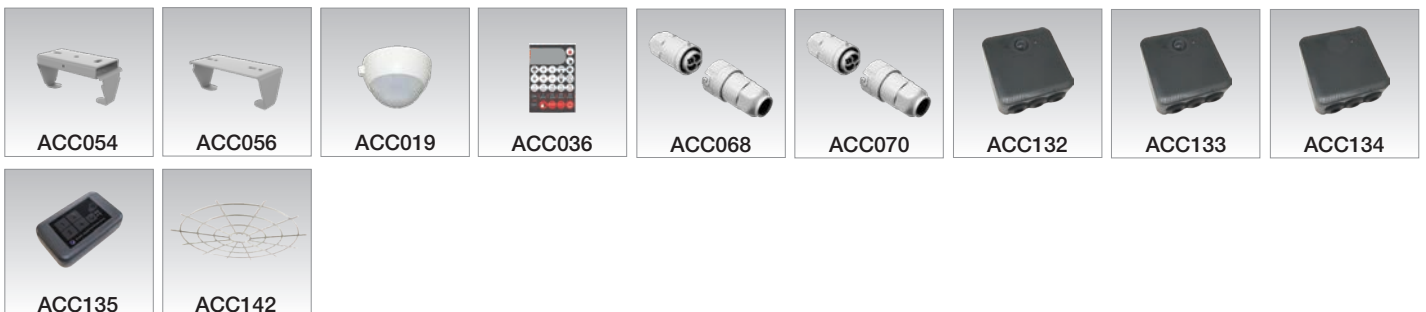
### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC056)

Busbar installation. (ACC056)

## ACCESSORI / ACCESSORIES



**ACC054** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)

**ACC056** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC142** Griglia di protezione Ø 370 mm  
Ø 370 mm protection grid

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.



# PIER HP

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

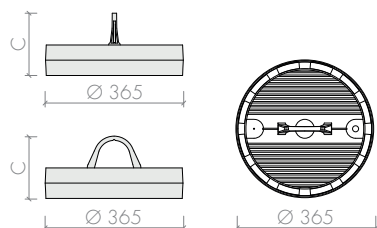
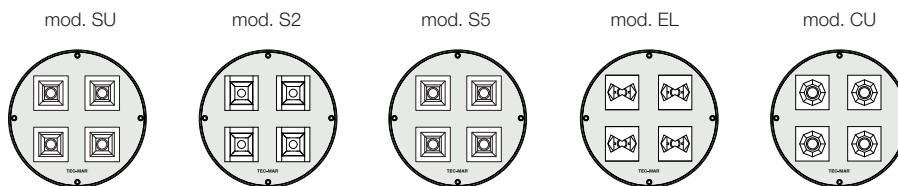
220 V<sub>~</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8401		SU	3 = 3000°K (CRI >80)	056	130	GL = on/off
		S2	4 = 4000°K (CRI >80)	080	140	GM = 1-10v
		S5	5 = 5000°K (CRI >80)	100	150	GD = dali
		CU	9 = 4000°K (CRI >90)	118	170	D1 = dali + em. 1h
		EL		120	190	G1 = em. 1h G3 = em. 3h VA = vetro acidato / acid-etched glass VI = vetro infrangibile / shatterproof glass SG = multisensor DALI

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	365	365	150	5,6	0,022	50



## Dotazione

Surge Protection da 10kV incluso.

## Equipment

10kV Surge Protection.

RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 4000°K (CRI >90) = **-14.33%**



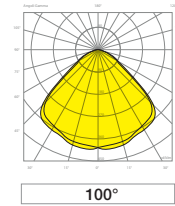
## Mod. SU

### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector



100°



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
56	4000K - CRI>80	4	10634	8489	152	70W JM/SAP	D1
80	4000K - CRI>80	4	15455	12337	154	150W JM/SAP	D1
100	4000K - CRI>80	4	19576	15627	156	250W JM/SAP	D1
118	4000K - CRI>80	4	21651	17284	146	250W JM/SAP	D1
120	4000K - CRI>80	4	23498	18759	156	250W JM/SAP	D1
130	4000K - CRI>80	4	24630	19662	151	250W JM/SAP	D1
140	4000K - CRI>80	4	26468	21130	151	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	22676	151	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	24594	145	400W JM	D1
190	4000K - CRI>80	4	33955	27096	143	400W JM/SAP	D1



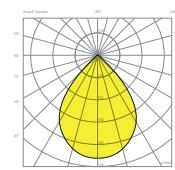
## Mod. S2

### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector



80°

UGR<22



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
56	4000K - CRI>80	4	10634	8087	144	70W JM/SAP	D1
80	4000K - CRI>80	4	15455	11753	147	150W JM/SAP	D1
100	4000K - CRI>80	4	19576	14888	149	250W JM/SAP	D1
118	4000K - CRI>80	4	21651	16465	140	250W JM/SAP	D1
120	4000K - CRI>80	4	23498	17871	149	250W JM/SAP	D1
130	4000K - CRI>80	4	24630	18732	144	250W JM/SAP	D1
140	4000K - CRI>80	4	26468	20130	144	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	21603	144	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	23430	138	400W JM	D1
190	4000K - CRI>80	4	33955	25813	136	400W JM/SAP	D1



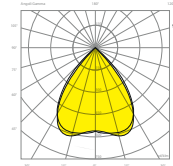
## Mod. S5

### Optica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector



90° UGR<25



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
56	4000K - CRI>80	4	10634	8439	151	70W JM/SAP	D1
80	4000K - CRI>80	4	15455	12264	153	150W JM/SAP	D1
100	4000K - CRI>80	4	19576	15535	155	250W JM/SAP	D1
118	4000K - CRI>80	4	21651	17181	146	250W JM/SAP	D1
120	4000K - CRI>80	4	23498	18648	155	250W JM/SAP	D1
130	4000K - CRI>80	4	24630	19546	150	250W JM/SAP	D1
140	4000K - CRI>80	4	26468	21005	150	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	22542	150	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	24448	144	400W JM	D1
190	4000K - CRI>80	4	33955	26935	142	400W JM/SAP	D1



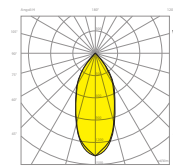
## Mod. CU

### Optica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



30°



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
56	4000K - CRI>80	4	10634	7735	138	70W JM/SAP	D1
80	4000K - CRI>80	4	15455	11242	141	150W JM/SAP	D1
100	4000K - CRI>80	4	19576	13549	135	250W JM/SAP	D1
118	4000K - CRI>80	4	21651	15750	133	250W JM/SAP	D1
120	4000K - CRI>80	4	23498	17094	142	250W JM/SAP	D1
130	4000K - CRI>80	4	24630	17917	138	250W JM/SAP	D1
140	4000K - CRI>80	4	26468	19225	138	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	20664	138	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	22411	132	400W JM	D1
190	4000K - CRI>80	4	33955	24691	130	400W JM/SAP	D1

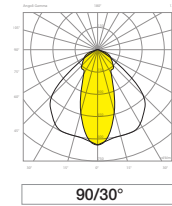
## Mod. EL

### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

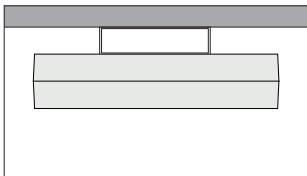
Suspension fixing system included. 1000mm long H07RN-F neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
56	4000K - CRI>80	4	10634	8112	145	70W JM/SAP	D1
80	4000K - CRI>80	4	15455	11790	147	150W JM/SAP	D1
100	4000K - CRI>80	4	19576	14209	142	250W JM/SAP	D1
118	4000K - CRI>80	4	21651	16517	140	250W JM/SAP	D1
120	4000K - CRI>80	4	23498	17927	149	250W JM/SAP	D1
130	4000K - CRI>80	4	24630	18790	145	250W JM/SAP	D1
140	4000K - CRI>80	4	26468	20192	144	250W JM/SAP	D1
150	4000K - CRI>80	4	28405	21670	144	250W JM/SAP	D1
170	4000K - CRI>80	4	30807	23502	138	400W JM	D1
190	4000K - CRI>80	4	33955	25893	136	400W JM/SAP	D1

## INSTALLAZIONE / INSTALLATION

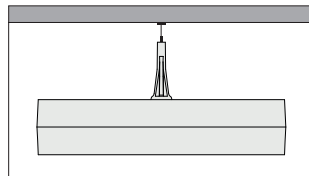
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC054)

Surface mounting installation. (ACC054)

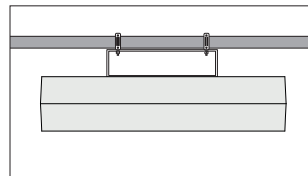
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC056)

Busbar installation. (ACC056)

## ACCESSORI / ACCESSORIES



**ACC054** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)

**ACC056** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC142** Griglia di protezione Ø 370 mm  
Ø 370 mm protection grid

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

# PIER HP2

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

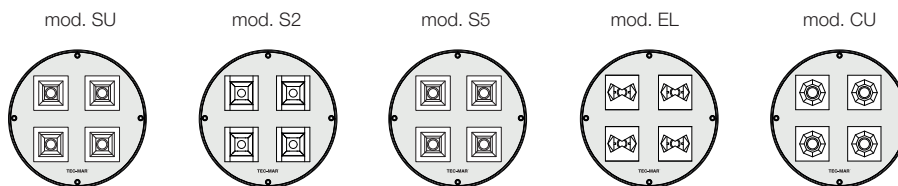
| | 220 V<sub>~</sub> |  $\pm$  | -25°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8402		SU	3 = 3000°K (CRI >80)		200	GL = on/off
		S2	4 = 4000°K (CRI >80)		230	GM = 1-10v
		S5	5 = 5000°K (CRI >80)		240	GD = dali
		CU	9 = 4000°K (CRI >90)		280	D1 = dali + em. 1h
		EL				G1 = em. 1h G3 = em. 3h VA = vetro acidato / acid-etched glass VI = vetro infrangibile / shatterproof glass SG = multisensor DALI

## DIMENSIONI / DIMENSIONS

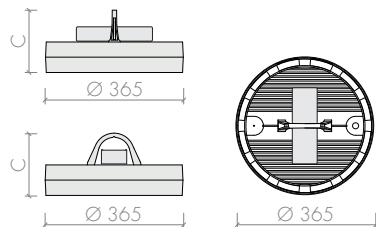
	A	B	C	Kg	mc	
<b>D1</b>	365	365	150	5,8	0,022	50
<b>D2</b>	365	365	150	6,8	0,022	50



RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 4000°K (CRI >90) = **-14.33%**





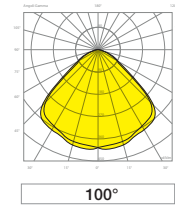
## Mod. SU

### Ottica

Riflettore simmetrico 110° in alluminio satinato.

### Optic

110° wide beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35331	28205	141	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	31670	138	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	33080	138	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	37255	133	600W SAP	D2



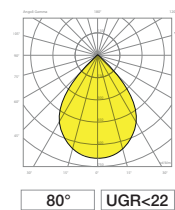
## Mod. S2

### Ottica

Riflettore simmetrico 80° in alluminio satinato

### Optic

80° medium beam matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35331	26870	134	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	30171	131	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	31514	131	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	35491	127	600W SAP	D2



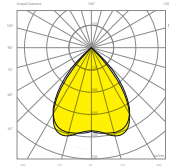
## Mod. S5

### Optica

Riflettore simmetrico 90° in alluminio satinato.

### Optic

90° wide beam matt satin aluminium reflector



90° UGR<25



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35331	28038	140	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	31483	137	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	32884	137	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	37034	132	600W SAP	D2



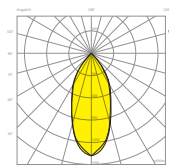
## Mod. CU

### Optica

Riflettore concentrante 30° in alluminio satinato

### Optic

30° narrow beam matt satin aluminium reflector



30°



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35331	25701	129	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	28859	125	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	30143	126	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	33948	121	600W SAP	D2

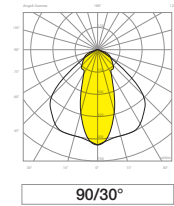
## Mod. EL

### Ottica

Riflettore ellittico in alluminio satinato

### Optic

Elliptical matt satin aluminium reflector



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

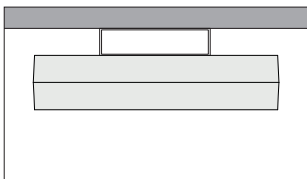
Suspension mounting system included. External wiring via IP66 rapid connector.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
200	4000K - CRI>80	4	35331	26953	135	400W JM/SAP	D1
230	4000K - CRI>80	4	39687	30265	132	400W JM/SAP	D1
240	4000K - CRI>80	4	41454	31612	132	400W JM/SAP	D1
280	4000K - CRI>80	4	46686	35601	127	600W SAP	D2

## INSTALLAZIONE / INSTALLATION

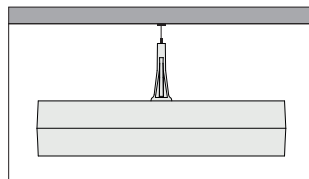
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058)

Surface mounting installation. (ACC058)

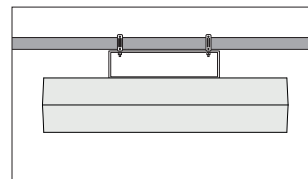
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC060)

Busbar installation. (ACC060)

## ACCESSORI / ACCESSORIES



**ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)

**ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC142** Griglia di protezione Ø 370 mm  
Ø 370 mm protection grid

**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.



# PIER HP6

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>~</sub> 240 | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% flicker | LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8405		SU	3 = 3000°K (CRI >80)		080	GL = on/off
		CU	4 = 4000°K (CRI >80)		100	GM = 1-10v
			5 = 5000°K (CRI >80)		130	GD = dali
			9 = 4000°K (CRI >90)		150	D1 = dali + em. 1h
					190	G1 = em. 1h
					200	G3 = em. 3h
						VA = vetro acidato / acid-etched glass
						VI = vetro infrangibile / shatterproof glass
						SG = multisensor DALI

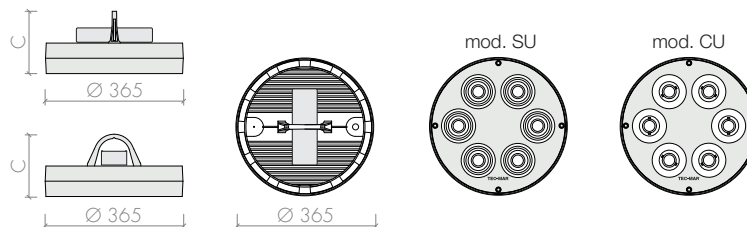
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	365	365	150	5,8	0,022	50

RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 4000°K (CRI >90) = **-14.33%**





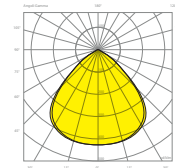
## Mod. SU

### Optica

Riflettore simmetrico 90° in policarbonato bianco opaco ad alto rendimento di flusso.

### Optic

90° wide beam in high efficiency matt white polycarbonate reflector.



90° UGR<25



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	6	16749	13268	166	150W JM/SAP	D1
100	4000K - CRI>80	6	20683	16385	164	150W JM/SAP	D1
130	4000K - CRI>80	6	26378	20896	161	250W JM/SAP	D1
150	4000K - CRI>80	6	30236	23952	160	250W JM/SAP	D1
190	4000K - CRI>80	6	37277	29531	155	400W JM/SAP	D1
200	4000K - CRI>80	6	38731	30682	153	400W JM/SAP	D1



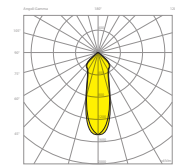
## Mod. CU

### Optica

Riflettore concentrante 29° in alluminio satinato

### Optic

29° narrow beam matt satin aluminium reflector



29°



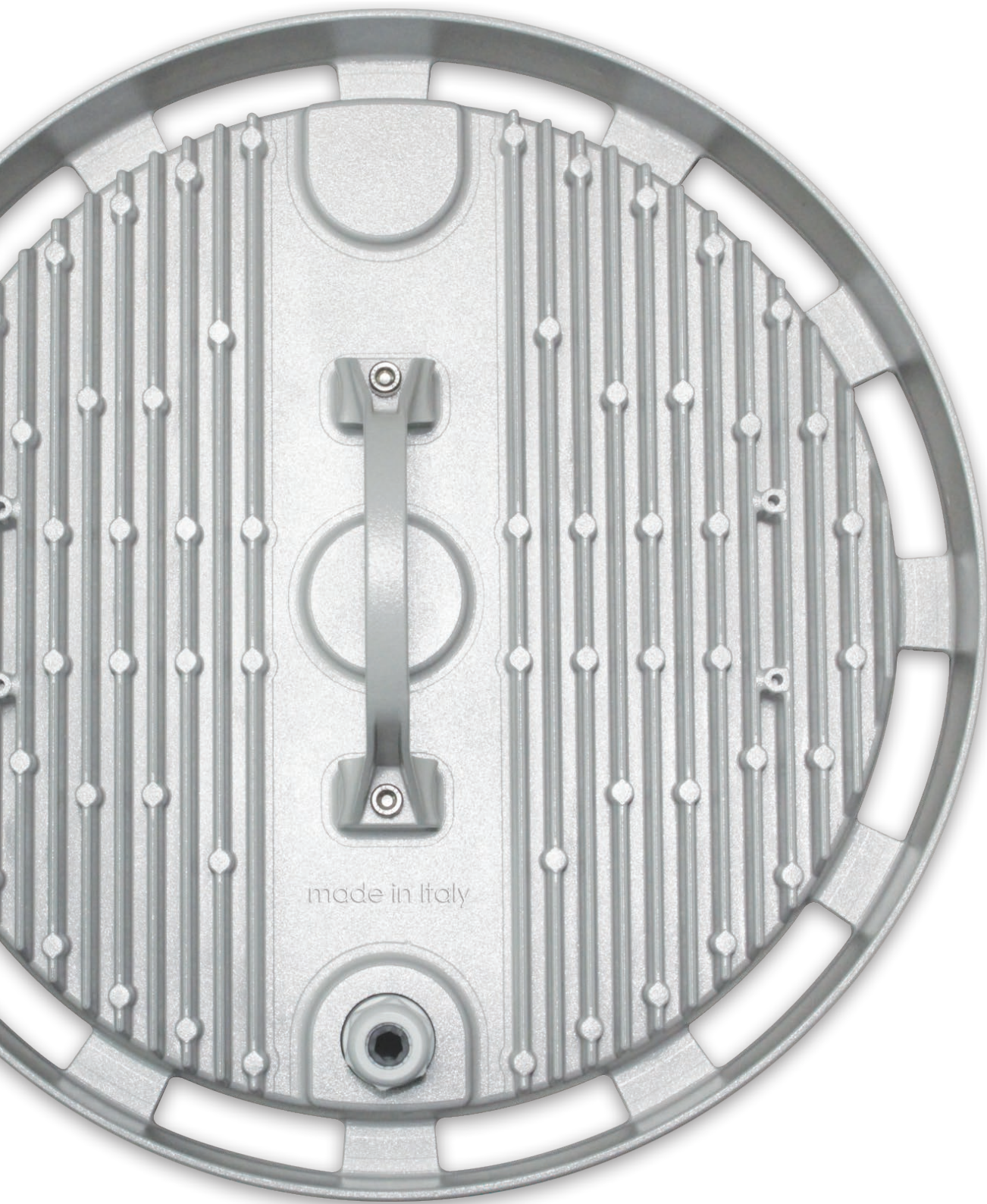
### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included. External wiring via IP66 rapid connector.

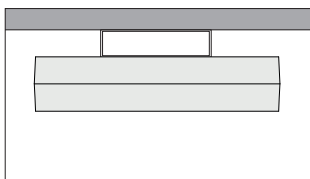
W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	4000K - CRI>80	6	16749	13029	163	150W JM/SAP	D1
100	4000K - CRI>80	6	20683	16089	161	150W JM/SAP	D1
130	4000K - CRI>80	6	26378	20518	158	250W JM/SAP	D1
150	4000K - CRI>80	6	30236	23519	157	250W JM/SAP	D1
190	4000K - CRI>80	6	37277	28997	153	400W JM/SAP	D1
200	4000K - CRI>80	6	38731	30127	151	400W JM/SAP	D1



made in Italy

## INSTALLAZIONE / INSTALLATION

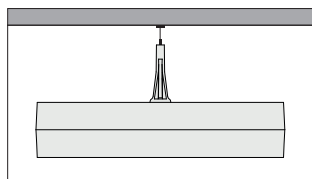
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058)

Surface mounting installation. (ACC058)

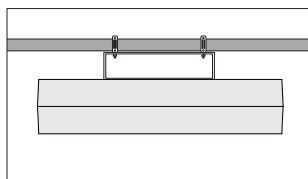
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC060)

Busbar installation. (ACC060)

## ACCESSORI / ACCESSORIES



ACC058



ACC060



ACC019



ACC036



ACC068



ACC070



ACC132



ACC133



ACC134



ACC135



ACC142

**ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)

**ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC142** Griglia di protezione Ø 370 mm  
Ø 370 mm protection grid

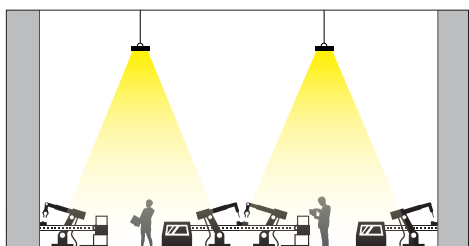
**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

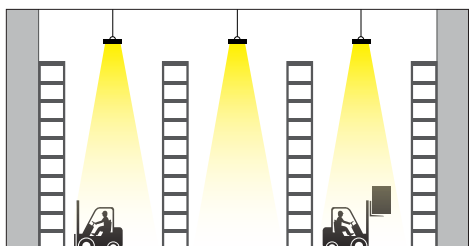
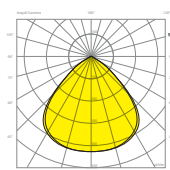
## APPLICAZIONI / APPLICATION



Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in large work areas with high height.

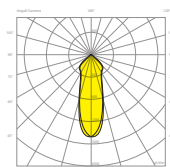
Mod. SU



Utilizzo di un ottica concentrante per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Narrow beam fixture to avoid light dispersion within lanes installation.

Mod. CU



# PIER SP

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder silver color, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 | -25°C | +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

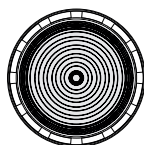
## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8403		S2	3 = 3000°K (CRI >80)		056	GL = on/off
		S5	4 = 4000°K (CRI >80)		080	GM = 1-10v
			5 = 5000°K (CRI >80)		100	GD = dali
					115	D1 = dali + em. 1h
					120	G1 = em. 1h
					130	G3 = em. 3h
					150	SG = multisensor DALI
					185	

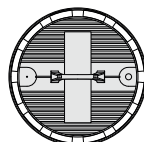
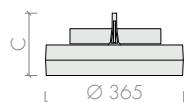
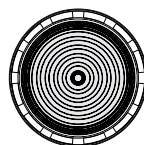
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	365	365	150	5,1	0,022	50

mod. S5



mod. S2



RAL 9006

## Δ LUMEN

3000°K (CRI >80) = **-5.40%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.20%**



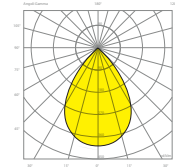
## Mod. S2

### Ottica

Lente diffondente 80° in policarbonato

### Optic

80° wide beam polycarbonate lens



80° UGR<22



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included.  
External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
56	4000K - CRI>80	320	10930	8908	159	70W JM/SAP	D1
80	4000K - CRI>80	320	15327	12492	156	150W JM/SAP	D1
100	4000K - CRI>80	320	18769	15296	153	250W JM/SAP	D1
115	4000K - CRI>80	320	21307	17364	151	250W JM/SAP	D1
120	4000K - CRI>80	320	22144	18046	150	250W JM/SAP	D1
130	4000K - CRI>80	320	23808	19403	149	250W JM/SAP	D1
150	4000K - CRI>80	320	27088	22074	147	250W JM/SAP	D1
185	4000K - CRI>80	320	31892	25989	140	400W JM/SAP	D1



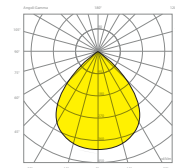
## Mod. S5

### Ottica

Lente diffondente 90° in policarbonato

### Optic

90° wide beam polycarbonate lens



90° UGR<25



### Dotazione

Sistema di fissaggio a sospensione incluso.  
Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension mounting system included.  
External wiring via IP66 rapid connector.

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
56	4000K - CRI>80	320	10930	9065	162	70W JM/SAP	D1
80	4000K - CRI>80	320	15327	12711	159	150W JM/SAP	D1
100	4000K - CRI>80	320	18769	15564	156	250W JM/SAP	D1
115	4000K - CRI>80	320	21307	17669	154	250W JM/SAP	D1
120	4000K - CRI>80	320	22144	18363	153	250W JM/SAP	D1
130	4000K - CRI>80	320	23808	19743	152	250W JM/SAP	D1
150	4000K - CRI>80	320	27088	22462	150	250W JM/SAP	D1
185	4000K - CRI>80	320	31892	26445	143	400W JM/SAP	D1



made in Italy

## INSTALLAZIONE / INSTALLATION

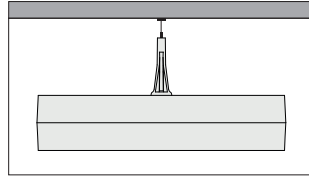
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone. (ACC058)

Surface mounting installation. (ACC058)

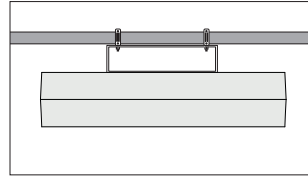
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

### Installazione a blindosbarra Busbar installation



Apparecchio adatto per installazione a blindosbarra. (ACC060)

Busbar installation. (ACC060)

## ACCESSORI / ACCESSORIES



ACC058



ACC060



ACC019



ACC036



ACC068



ACC070



ACC132



ACC133



ACC134



ACC135



ACC142

**ACC058** Kit staffe per installazione a plafone (silver RAL 9006)  
Surface mounting kit (silver RAL 9006)

**ACC060** Kit staffe per installazione a blindo sbarra (silver RAL 9006)  
Busbar mounting kit (silver RAL 9006)

**ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures

**ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC142** Griglia di protezione Ø 370 mm  
Ø 370 mm protection grid

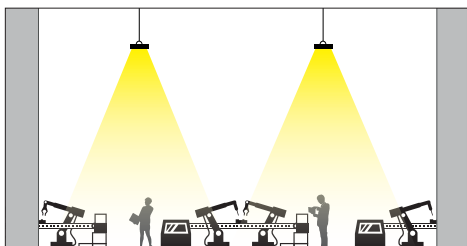
**ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).

**ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.

**ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

## APPLICAZIONI / APPLICATION

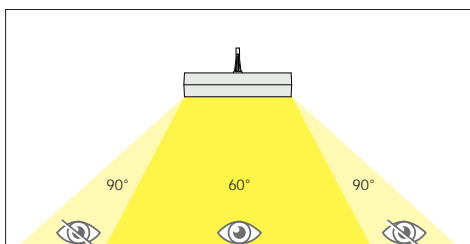
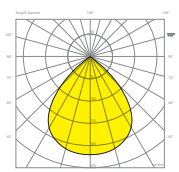
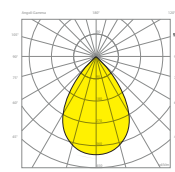


Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in large work areas with high height.

Mod. S2

Mod. S5



L'ottica S2 e S5 sono studiate in modo da garantire sempre un indice UGR <22 e <25.

The S2 and S5 models are designed to always guarantee UGR<22 and UGR<25.



# BABILA

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder white color, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

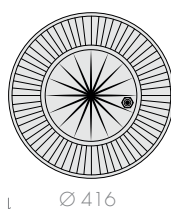
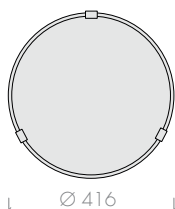
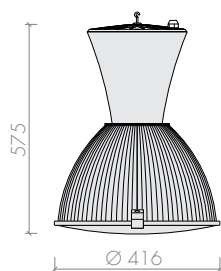
220 V<sub>≈</sub> 240 | -25°C | IP40 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
8500		S3	30 = 3000°K (CRI >80)		25	BL = on/off
			40 = 4000°K (CRI >80)		30	BM = 1-10v
			50 = 5000°K (CRI >80)		35	BD = dali
			65 = 6500°K (CRI >80)		40	
			94 = 4000°K (CRI >90)		55	
					68	

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	416	416	575	4,8	0,105	50



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

RAL 9003

### Δ LUMEN

3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 6500°K (CRI >80) = **+3.00%**  
 4000°K (CRI >90) = **-14.35%**

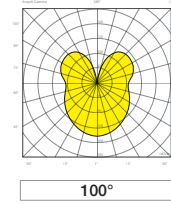
## Mod. S3

### Ottica

Campana diffondente 360° in policarbonato opale satinato

### Optic

360° wide beam satin opal polycarbonate bell



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio interno mediante vano driver apribile.

### Equipment

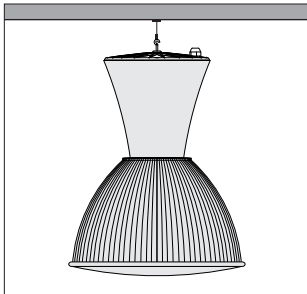
Suspension mounting system included. Internal wiring through openable driver compartment.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
25	4000K - CRI>80	1	4001	3035	121	70W JM	D1
30	4000K - CRI>80	1	4978	3776	126	70W JM	D1
35	4000K - CRI>80	1	5833	4424	126	70W JM/SAP	D1
40	4000K - CRI>80	1	6389	4846	121	70W JM/SAP	D1
55	4000K - CRI>80	1	8930	6773	123	150W JM	D1
68	4000K - CRI>80	1	10859	8238	121	150W JM/SAP	D1

## INSTALLAZIONE / INSTALLATION

### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

## ACCESSORI / ACCESSORIES



- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 17m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.





# Stradali Street lights

# STEALTH 1

BY MOMODESIGN

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Zhaga socket

### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>≈</sub> | -25°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <4% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9006
9007		T2		30 = 3000°K (CRI >70)		08 26		GL = on/off	
		ME		40 = 4000°K (CRI >70)		12 27		GM = 1-10v	
		CP		50 = 5000°K (CRI >70)		13 34		GD = dali	
		AD				16 36		MG = mezzanotte virtuale / virtual midnight	
						17 40		Z1 = zhaga socket 1-10V	
						18 52		ZD = zhaga socket dali	
						24 54			
						25 80			

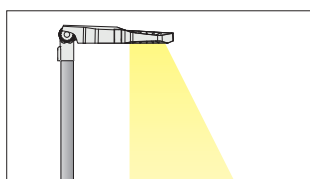
### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 7015
9007		T2		30 = 3000°K (CRI >70)		08 26		EL = on/off	
		ME		40 = 4000°K (CRI >70)		12 27		LM = 1-10v	
		CP		50 = 5000°K (CRI >70)		13 34		LD = dali	
		AD				16 36		MD = mezzanotte virtuale / virtual midnight	
						17 40		IZ = zhaga socket 1-10V	
						18 52		DZ = zhaga socket dali	
						24 54			
						25 80			



## INSTALLAZIONE / INSTALLATION

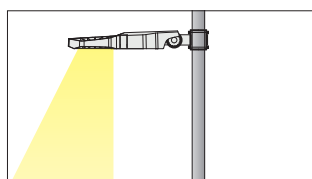
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

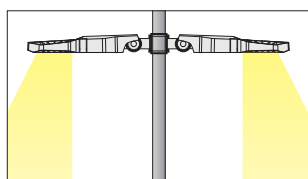
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062-065)

Single half pole installation - Ø 60mm. (ACC062-065)

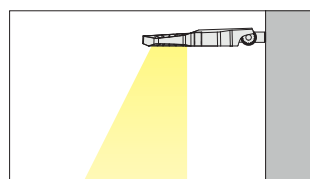
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063-066)

Double half pole installation - Ø 60mm. (ACC063-066)

Installazione a parete  
Wall installation

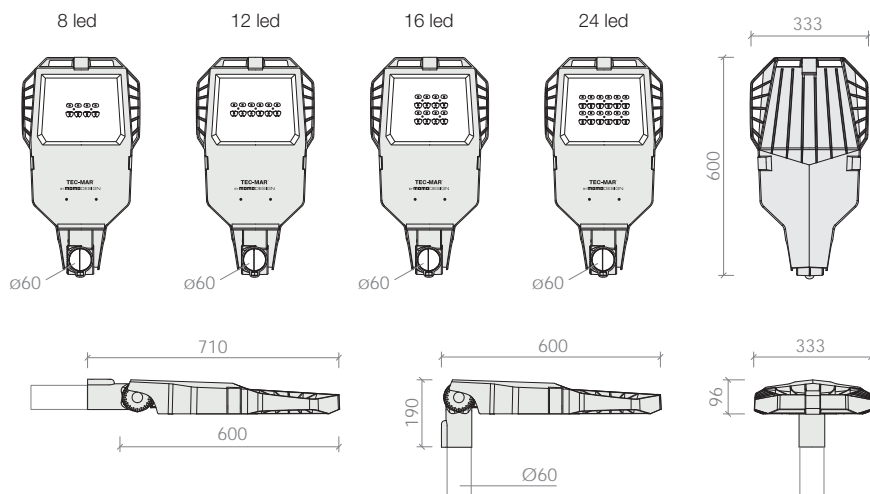


Apparecchio adatto per installazione a parete. (ACC064-067)

Wall installation. (ACC064-067)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	333	600	96	8,0	0,022	50





Due varianti di colore, antracite RAL 7015 e silver RAL 9006. Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006). High quality polyester thermosetting powder coating resistant to corrosion and salt spray.

**RAL 7015**



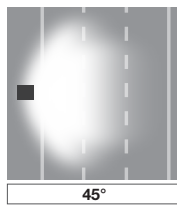
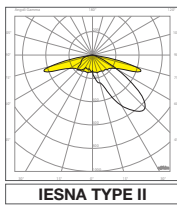
**RAL 9006**



**MOD. T2**

Ottica asimmetrica 45° stradale IESNA Tipo II in PMMA ad alto rendimento.

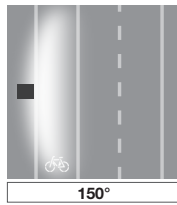
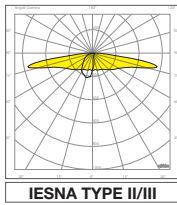
PMMA road lenses with highway beam IESNA type II. 45° asymmetry.



**MOD. CP**

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

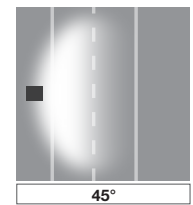
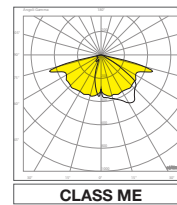
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



**MOD. ME**

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

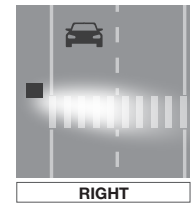
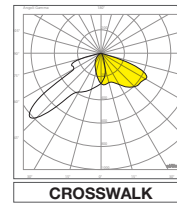
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



**MOD. AD**

Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato destro.

Double asymmetrical lens in PMMA for pedestrian right side crossings.



**PRESTAZIONI / PERFORMANCES**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	350	4000K - CRI>70	1x8	1530	1308	164	150W ALO	D1
12	350	4000K - CRI>70	1x12	2295	1961	163	150W ALO	D1
16	350	4000K - CRI>70	2x8	3060	2616	164	300W ALO	D1
25	350	4000K - CRI>70	2x12	4590	3924	157	300W ALO	D1
13	500	4000K - CRI>70	1x8	2308	1955	150	150W ALO	D1
18	500	4000K - CRI>70	1x12	3179	2699	150	300W ALO	D1
24	500	4000K - CRI>70	2x8	4238	3598	150	70W JM	D1
36	500	4000K - CRI>70	2x12	6357	5397	150	70W JM/SAP	D1
17	700	4000K - CRI>70	1x8	2852	2398	141	300W ALO	D1
26	700	4000K - CRI>70	1x12	4278	3598	138	70W JM/SAP	D1
34	700	4000K - CRI>70	2x8	5704	4797	141	70W JM/SAP	D1
52	700	4000K - CRI>70	2x12	8556	7196	138	100W JM/SAP	D1
27	1050	4000K - CRI>70	1x8	4007	3315	123	70W JM	D1
40	1050	4000K - CRI>70	1x12	6011	4973	124	70W JM/SAP	D1
54	1050	4000K - CRI>70	2x8	8014	6630	123	100W JM/SAP	D1
80	1050	4000K - CRI>70	2x12	12022	9945	124	150W JM/SAP	D1

**ACCESSORI / ACCESSORIES**



- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.
- ACC065** Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC066** Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights double half-pole bracket, anthracite color. Pole diameter 60 mm.
- ACC067** Attacco a parete regolabile per armature stradali verniciato antracite. Streetlights adjustable wall bracket, anthracite color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.



# STEALTH 2

BY MOMODESIGN

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Zhaga socket

### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <4% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9006
9008		T2		3 = 3000°K (CRI >70)		037 091		GL = on/off	
		ME		4 = 4000°K (CRI >70)		050 104		GM = 1-10v	
		CP		5 = 5000°K (CRI >70)		054 120		GD = dali	
		AD				062 130		MG = mezzanotte virtuale / virtual midnight	
						073 160		Z1 = zhaga socket 1-10V	
						078 200		ZD = zhaga socket dali	

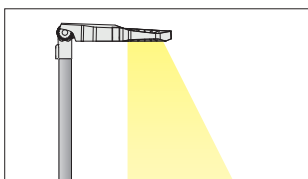
### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 7015
9008		T2		3 = 3000°K (CRI >70)		037 091		EL = on/off	
		ME		4 = 4000°K (CRI >70)		050 104		LM = 1-10v	
		CP		5 = 5000°K (CRI >70)		054 120		LD = dali	
		AD				062 130		MD = mezzanotte virtuale / virtual midnight	
						073 160		1Z = zhaga socket 1-10V	
						078 200		DZ = zhaga socket dali	



## INSTALLAZIONE / INSTALLATION

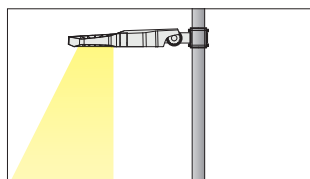
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

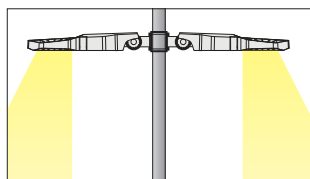
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062-065)

Single half pole installation - Ø 60mm. (ACC062-065)

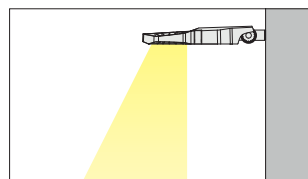
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063-066)

Double half pole installation - Ø 60mm. (ACC063-066)

Installazione a parete  
Wall installation



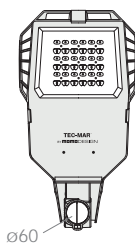
Apparecchio adatto per installazione a parete. (ACC064-067)

Wall installation. (ACC064-067)

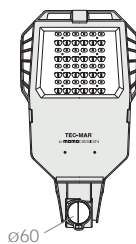
## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	333	600	96	8,0	0,022	50

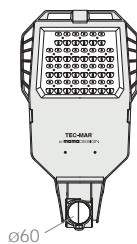
36 led



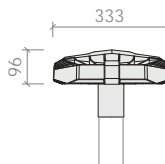
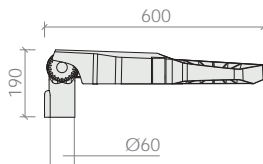
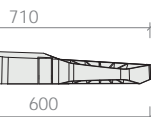
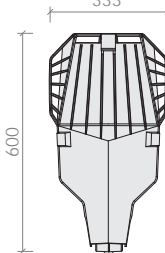
48 led



60 led



333





Due varianti di colore, antracite RAL 7015 e silver RAL 9006. Verniciatura a polvere termoindurente poliестere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006). High quality polyester thermosetting powder coating resistant to corrosion and salt spray.

**RAL 7015**



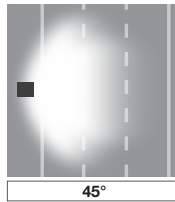
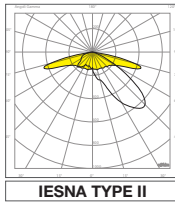
**RAL 9006**



**MOD. T2**

Ottica asimmetrica 45° stradale IESNA Tipo II in PMMA ad alto rendimento.

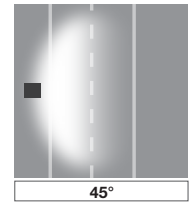
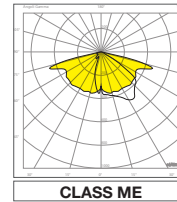
PMMA road lenses with highway beam IESNA type II. 45° asymmetry.



**MOD. ME**

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

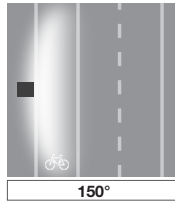
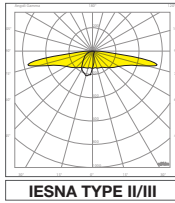
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



**MOD. CP**

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

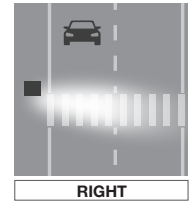
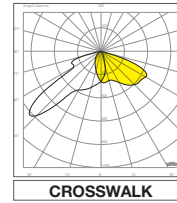
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



**MOD. AD**

Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato destro.

Double asymmetrical lens in PMMA for pedestrian right side crossings.



**PRESTAZIONI / PERFORMANCES**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	lm/W	replace	dimension
37	350	4000K - CRI>70	3x12	6885	5886	159	70W JM/SAP	D1
50	350	4000K - CRI>70	4x12	9180	7848	157	100W JM	D1
62	350	4000K - CRI>70	3x16+1x12	11475	9811	158	150W JM	D1
54	500	4000K - CRI>70	3x12	9536	8096	150	100W JM	D1
73	500	4000K - CRI>70	4x12	12715	10795	148	150W JM/SAP	D1
91	500	4000K - CRI>70	3x16+1x12	15894	13493	148	150W JM/SAP	D1
78	700	4000K - CRI>70	3x12	12834	10794	138	150W JM/SAP	D1
104	700	4000K - CRI>70	4x12	17112	14392	138	250W JM/SAP	D1
130	700	4000K - CRI>70	3x16+1x12	21390	17990	138	250W JM/SAP	D1
120	1050	4000K - CRI>70	3x12	18032	14918	124	250W JM/SAP	D1
160	1050	4000K - CRI>70	4x12	24043	19890	124	400W JM/SAP	D1
200	1050	4000K - CRI>70	3x16+1x12	30054	24863	124	400W JM/SAP	D1

**ACCESSORI / ACCESSORIES**



- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.
- ACC065** Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC066** Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights double half-pole bracket, anthracite color. Pole diameter 60 mm.
- ACC067** Attacco a parete regolabile per armature stradali verniciato antracite. Streetlights adjustable wall bracket, anthracite color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

# MIG 1

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <4% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA - colore silver / CODING - silver color

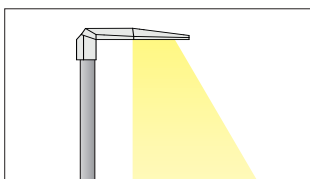
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9200		T2		30 = 3000°K (CRI >70)		08 27		GL = on/off
		ME		40 = 4000°K (CRI >70)		12 34		GM = 1-10v
		CP		50 = 5000°K (CRI >70)		13 36		GD = dali
		AD				16 40		MG = mezzanotte virtuale / virtual midnight
						17 52		Z1 = zhaga socket 1-10V
						18 54		ZD = zhaga socket dali
						24 67		
						25 80		
						26		





## INSTALLAZIONE / INSTALLATION

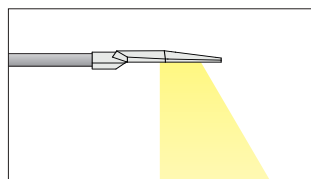
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

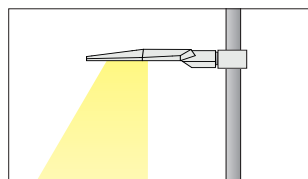
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

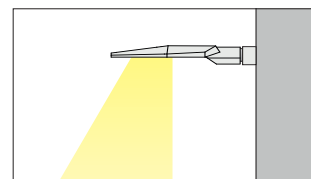
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC112)

Single half pole installation - Ø 60mm. (ACC112)

Installazione a parete  
Wall installation

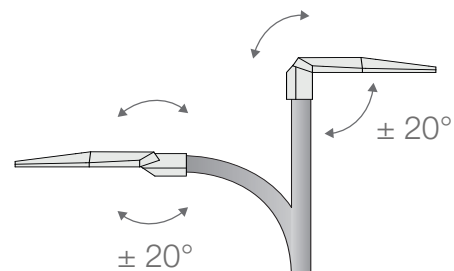
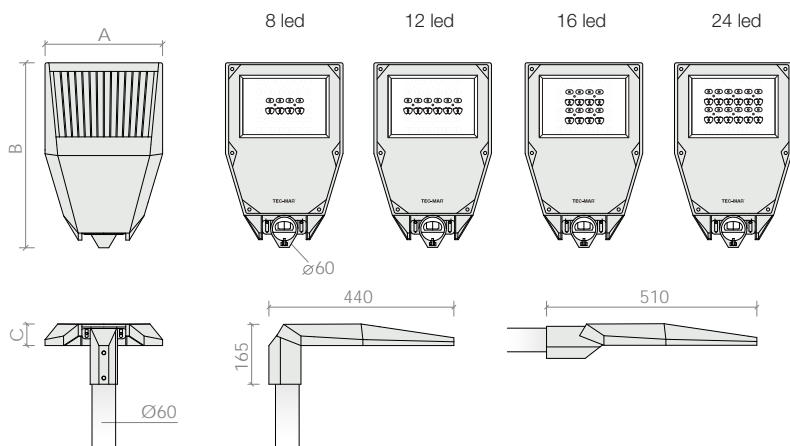


Apparecchio adatto per installazione a parete. (ACC113)

Wall installation. (ACC113)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	245	415	60	4,8	0,008	50





Colore silver RAL 9006.  
Verniciatura a polvere termoindurente  
poliestere di alta qualità resistente alla  
corrosione e alla nebbia salina.

Silver color RAL 9006.  
High quality polyester thermosetting  
powder coating, resistant to corrosion  
and salt spray.

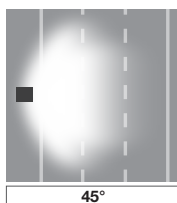
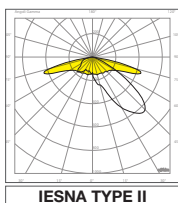
**RAL 9006**



**MOD. T2**

Ottica asimmetrica 45° stradale IESNA Tipo II in PMMA ad alto rendimento.

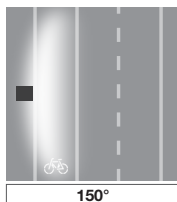
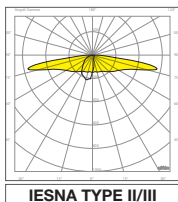
PMMA road lenses with highway beam IESNA type II. 45° asymmetry.



**MOD. CP**

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

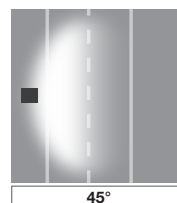
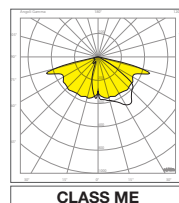
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



**MOD. ME**

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

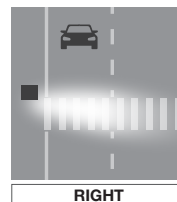
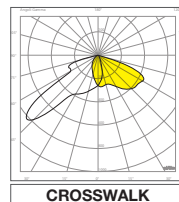
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



**MOD. AD**

Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato destro.

Double asymmetrical lens in PMMA for pedestrian right side crossings.



**PRESTAZIONI / PERFORMANCES**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	350	4000K - CRI>70	1x8	1530	1308	164	150W ALO	D1
12	350	4000K - CRI>70	1x12	2295	1961	163	150W ALO	D1
16	350	4000K - CRI>70	2x8	3060	2616	164	300W ALO	D1
25	350	4000K - CRI>70	2x12	4590	3924	157	300W ALO	D1
13	500	4000K - CRI>70	1x8	2308	1955	150	150W ALO	D1
18	500	4000K - CRI>70	1x12	3179	2699	150	300W ALO	D1
24	500	4000K - CRI>70	2x8	4238	3598	150	70W JM	D1
36	500	4000K - CRI>70	2x12	6357	5397	150	70W JM/SAP	D1
17	700	4000K - CRI>70	1x8	2852	2398	141	300W ALO	D1
26	700	4000K - CRI>70	1x12	4278	3598	138	70W JM/SAP	D1
34	700	4000K - CRI>70	2x8	5704	4797	141	70W JM/SAP	D1
52	700	4000K - CRI>70	2x12	8556	7196	138	100W JM/SAP	D1
67	900	4000K - CRI>70	2x12	10595	8827	132	150W JM	D1
27	1050	4000K - CRI>70	1x8	4007	3315	123	70W JM	D1
40	1050	4000K - CRI>70	1x12	6011	4973	124	70W JM/SAP	D1
54	1050	4000K - CRI>70	2x8	8014	6630	123	100W JM/SAP	D1
80	1050	4000K - CRI>70	2x12	12022	9945	124	150W JM/SAP	D1

**ACCESSORI / ACCESSORIES**



- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC112** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm. Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC113** Attacco a parete per armature stradali verniciato silver. Streetlights wall bracket, silver color.



# MIG 2

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.

## INSTALLAZIONE / INSTALLATION



Zhaga socket

### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <4% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | A++

## CODIFICA - colore silver / CODING - silver color

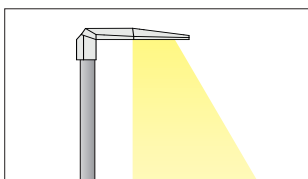
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9201		T2	3	= 3000°K (CRI >70)	037	091	GL	= on/off
		ME	4	= 4000°K (CRI >70)	050	104	GM	= 1-10v
		CP	5	= 5000°K (CRI >70)	054	120	GD	= dali
		AD			062	130	MG	= mezzanotte virtuale / virtual midnight
					073	160	Z1	= zhaga socket 1-10V
					078	200	ZD	= zhaga socket dali





## INSTALLAZIONE / INSTALLATION

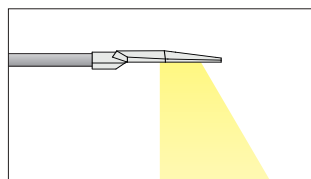
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

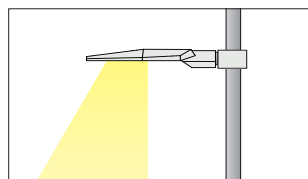
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

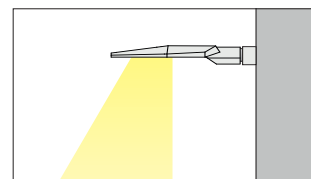
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC112)

Single half pole installation - Ø 60mm. (ACC112)

Installazione a parete  
Wall installation

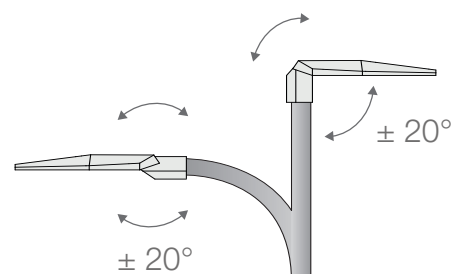
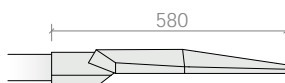
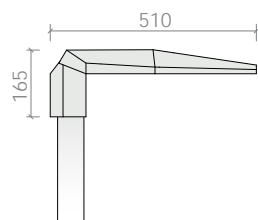
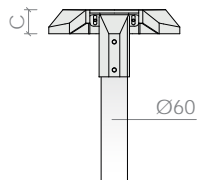
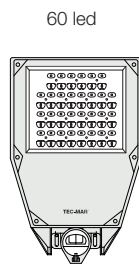
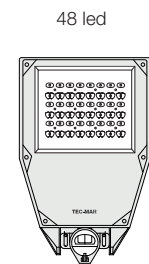
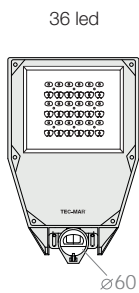
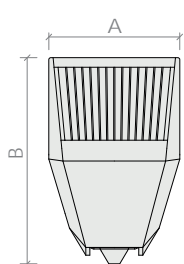


Apparecchio adatto per installazione a parete. (ACC113)

Wall installation. (ACC113)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	325	490	65	6,9	0,010	50





Colore silver RAL 9006.  
Verniciatura a polvere termoindurente  
poliestere di alta qualità resistente alla  
corrosione e alla nebbia salina.

Silver color RAL 9006.  
High quality polyester thermosetting  
powder coating, resistant to corrosion  
and salt spray.

**RAL 9006**

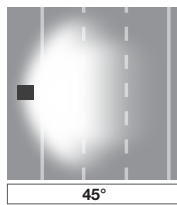
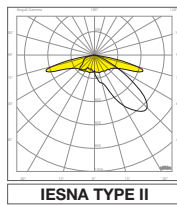


## OTTICHE / OPTICS

### MOD. T2

Ottica asimmetrica 45° stradale IESNA Tipo II in PMMA ad alto rendimento.

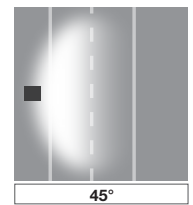
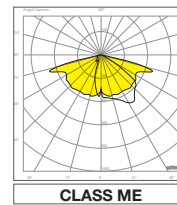
PMMA road lenses with highway beam IESNA type II. 45° asymmetry.



### MOD. ME

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

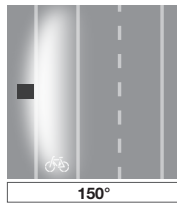
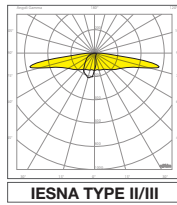
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



### MOD. CP

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

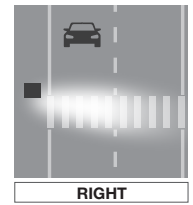
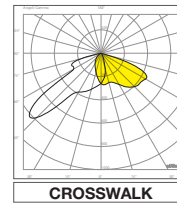
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



### MOD. AD

Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato destro.

Double asymmetrical lens in PMMA for pedestrian right side crossings.



## PRESTAZIONI / PERFORMANCES

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
37	350	4000K - CRI>70	3x12	6885	5886	159	70W JM/SAP	D1
50	350	4000K - CRI>70	4x12	9180	7848	157	100W JM	D1
62	350	4000K - CRI>70	3x16+1x12	11475	9811	158	150W JM	D1
54	500	4000K - CRI>70	3x12	9536	8096	150	100W JM	D1
73	500	4000K - CRI>70	4x12	12715	10795	148	150W JM/SAP	D1
91	500	4000K - CRI>70	3x16+1x12	15894	13493	148	150W JM/SAP	D1
78	700	4000K - CRI>70	3x12	12834	10794	138	150W JM/SAP	D1
104	700	4000K - CRI>70	4x12	17112	14392	138	250W JM/SAP	D1
130	700	4000K - CRI>70	3x16+1x12	21390	17990	138	250W JM/SAP	D1
120	1050	4000K - CRI>70	3x12	18032	14918	124	250W JM/SAP	D1
160	1050	4000K - CRI>70	4x12	24043	19890	124	400W JM/SAP	D1
200	1050	4000K - CRI>70	3x16+1x12	30054	24863	124	400W JM/SAP	D1

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC112** Attacco mezzo palo per armature stradali verniciato silver.  
Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

**ACC113** Attacco a parete per armature stradali verniciato silver.  
Streetlights wall bracket, silver color.

# DELTA

Apparecchio per illuminazione stradale. Corpo in alluminio trafilato ossidato silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Extruded oxidate aluminium body, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

2200°K (CRI >80) = **-22.65%**  
3000°K (CRI >70) = **-5.15%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+1.46%**

## CARATTERISTICHE / MAIN FEATURES

| | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

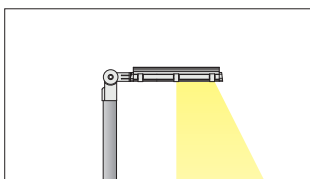
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9005		L1		S0 = 2200°K (CRI >80)		25		EL = on/off
		L2		30 = 3000°K (CRI >70)		36		LM = 1-10v
				40 = 4000°K (CRI >70)		45		LD = dali
				50 = 5000°K (CRI >70)		56		MD = mezzanotte virtuale / virtual midnight
						72		
						92		





## INSTALLAZIONE / INSTALLATION

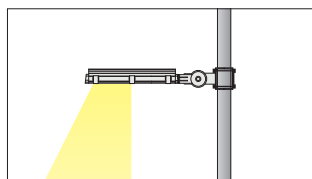
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

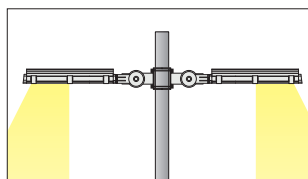
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062)

Single half pole installation - Ø 60mm. (ACC062)

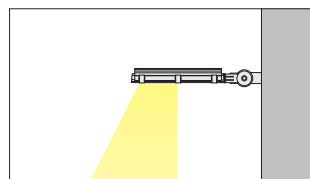
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063)

Double half pole installation - Ø 60mm. (ACC063)


Installazione a parete  
Wall installation

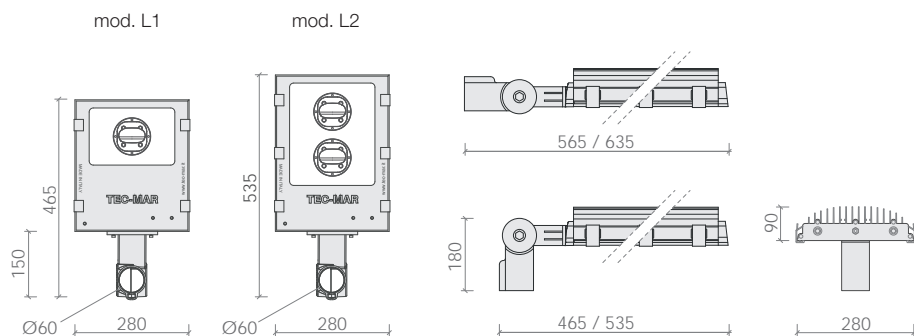


Apparecchio adatto per installazione a parete. (ACC064)

Wall installation. (ACC064)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	280	465	90	6,5	0,020	90
<b>D2</b>	280	535	90	7,1	0,022	90





Colore silver RAL 9006.  
Verniciatura a polvere termoindurente  
poliestere di alta qualità resistente alla  
corrosione e alla nebbia salina.

Silver color RAL 9006.  
High quality polyester thermosetting  
powder coating, resistant to corrosion  
and salt spray.

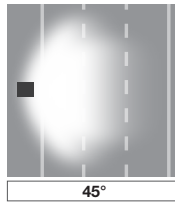
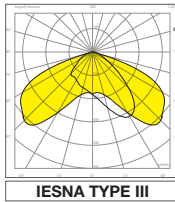


## OTTICHE / OPTICS

### MOD. L1 / L2

Ottica asimmetrica 45° stradale IESNA Tipo III in silicone ad alto rendimento.

High performance silycone asymmetrical 45 ° street optic IESNA Type III.



## PRESTAZIONI / PERFORMANCES

### MOD. L1

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
25	600	4000K - CRI>70	1	4139	2992	120	70W JM	D1
36	1050	4000K - CRI>70	1	5985	4327	120	70W JM	D1
45	1200	4000K - CRI>70	1	7749	5602	125	70W SAP	D1
56	1450	4000K - CRI>70	1	9085	6568	117	100W JM/SAP	D1

### MOD. L2

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
72	950	4000K - CRI>70	2	12650	9145	127	150W JM/SAP	D2
92	1200	4000K - CRI>70	2	15498	11205	122	150W JM/SAP	D2

## ACCESSORI / ACCESSORIES



ACC062



ACC063



ACC064



ACC068



ACC070

- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.



# MAXI-DELTA

Apparecchio per illuminazione stradale. Corpo in alluminio trafilato ossidato, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Extruded oxidate aluminium body, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

2200°K (CRI >80) = **-22.65%**  
3000°K (CRI >70) = **-5.15%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+1.46%**

## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 |
 
 -25°C | +45°C |
 IP66 | IK08 | RG0 | CRI >70 |
 
 3 step MacAdam |
 <7% LOW flicker |
 L80-B20 >50.000h |
 L80-B50 >75.000h |
 
 A++

## CODIFICA / CODING

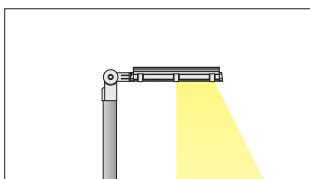
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9006		L2		S = 2200°K (CRI >80)		105		EL = on/off
				3 = 3000°K (CRI >70)		120		LM = 1-10v
				4 = 4000°K (CRI >70)		130		LD = dali
				5 = 5000°K (CRI >70)		150		MD = mezzanotte virtuale / virtual midnight





## INSTALLAZIONE / INSTALLATION

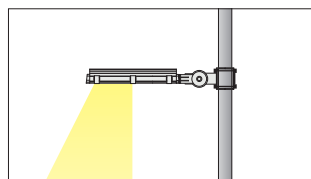
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

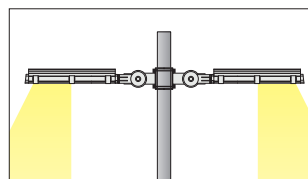
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm (ACC062)

Single half pole installation - Ø 60mm (ACC062)

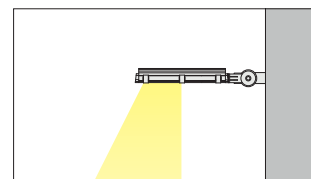
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm (ACC063)

Double half pole installation - Ø 60mm (ACC063)

Installazione a parete  
Wall installation

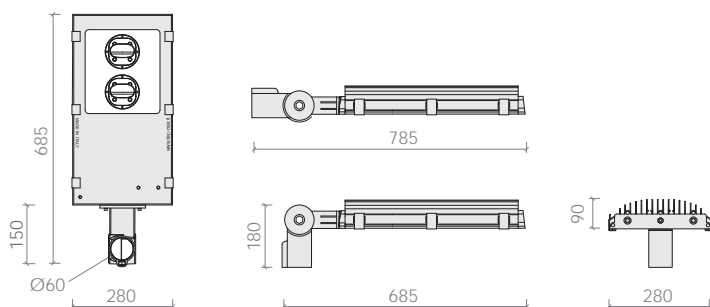


Apparecchio adatto per installazione a parete (ACC064)

Wall installation (ACC064)

## DIMENSIONI / DIMENSIONS

A	B	C	Kg	mc	
280	685	90	9,0	0,023	40





Colore silver RAL 9006.  
Verniciatura a polvere termoindurente  
poliestere di alta qualità resistente alla  
corrosione e alla nebbia salina.

Silver color RAL 9006.  
High quality polyester thermosetting  
powder coating, resistant to corrosion  
and salt spray.

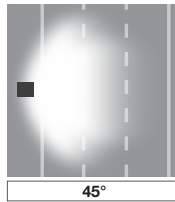
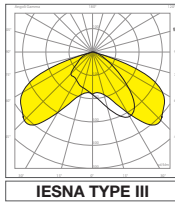


## OTTICHE / OPTICS

### MOD. L2

Ottica asimmetrica 45° stradale  
IESNA Tipo III in silicone ad alto  
rendimento.

High performance silycone  
asymmetrical 45 ° street optic  
IESNA Type III.



## PRESTAZIONI / PERFORMANCES

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
105	1350	4000K - CRI>70	2	17122	12379	118	150W JM/SAP	D1
120	1500	4000K - CRI>70	2	18682	13507	113	250W JM/SAP	D1
130	1125	4000K - CRI>70	2	21404	15475	119	250W JM/SAP	D1
150	1300	4000K - CRI>70	2	24174	17477	117	400W JM	D1

## ACCESSORI / ACCESSORIES



- ACC062** Attacco mezzo palo per armature stradali verniciato silver.  
Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver.  
Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver.  
Streetlights adjustable wall bracket, silver color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

# AIRON 1

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**

## CARATTERISTICHE / MAIN FEATURES

| | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >75.000h | **A++**

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
9012		U0	30 = 3000°K (CRI >70)		35	GL = on/off
		C0	40 = 4000°K (CRI >70)		50	
			50 = 5000°K (CRI >70)			



RAL 9006

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
9012		U0	30 = 3000°K (CRI >70)		35	EL = on/off
		C0	40 = 4000°K (CRI >70)		50	
			50 = 5000°K (CRI >70)			

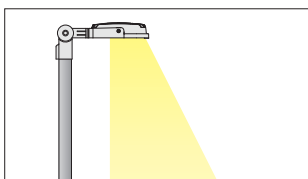


RAL 7015



## INSTALLAZIONE / INSTALLATION

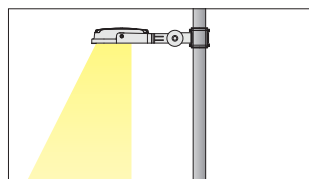
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

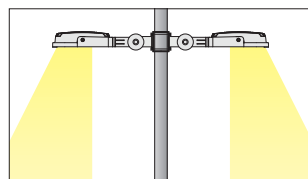
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062-065)

Single half pole installation - Ø 60mm. (ACC062-065)

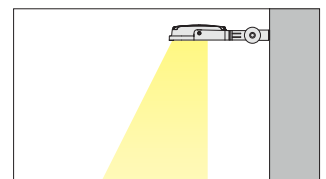
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063-066)

Double half pole installation - Ø 60mm. (ACC063-066)

Installazione a parete  
Wall installation

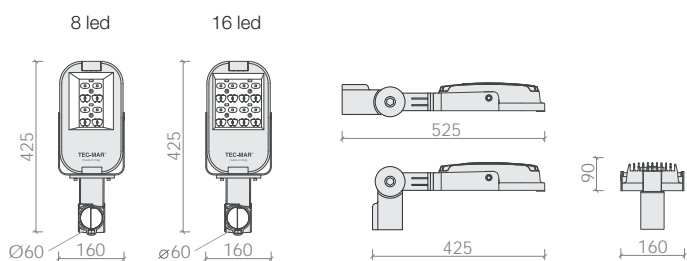


Apparecchio adatto per installazione a parete. (ACC064-067)

Wall installation. (ACC064-067)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	160	425	90	3,6	0,009	50





**RAL 7015**

**RAL 9006**

Due varianti di colore, antracite RAL 7015 e silver RAL 9006. Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006). High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

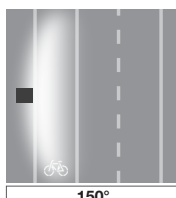
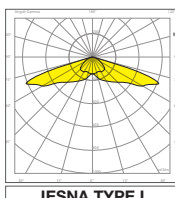


**OTTICHE / OPTICS**

**MOD. C0**

Ottica ciclopedonale IESNA Tipo I in PMMA ad alto rendimento.

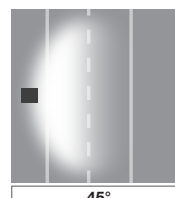
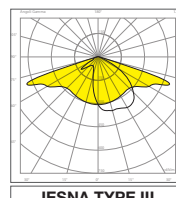
IESNA Type I cycle/pedestrian optic in high performance PMMA.



**MOD. U0**

Ottica asimmetrica stradale IESNA Tipo III PMMA ad alto rendimento.

Asymmetrical 45° streetlight optic IESNA Type III in high performance PMMA.



**PRESTAZIONI / PERFORMANCES**

**MOD. C0**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
35	1350	4000K - CRI>70	1x8	4501	3555	102	70W JM	D1
50	1050	4000K - CRI>70	2x8	7215	5699	114	100W JM/SAP	D1

**MOD. U0**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
35	1350	4000K - CRI>70	1x8	4501	3964	113	70W JM	D1
50	1050	4000K - CRI>70	2x8	7215	6354	127	100W JM/SAP	D1

**ACCESSORI / ACCESSORIES**



- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.
- ACC065** Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC066** Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights double half-pole bracket, anthracite color. Pole diameter 60 mm.
- ACC067** Attacco a parete regolabile per armature stradali verniciato antracite. Streetlights adjustable wall bracket, anthracite color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.



# AIRON 3

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**

## CARATTERISTICHE / MAIN FEATURES

## CODIFICA - colore silver / CODING - silver color



Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9006
9014		U0		3 = 3000°K (CRI >70)		035		GL = on/off	
		C0		4 = 4000°K (CRI >70)		050		GM = 1-10V	
				5 = 5000°K (CRI >70)		072		GD = dali	
						092		MG = mezzanotte virtuale / virtual midnight	
						120			
						150			
						165			

## CODIFICA - colore antracite / CODING - anthracite color

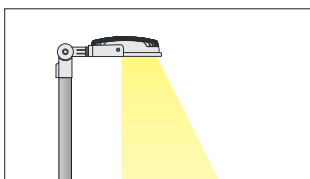


Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 7015
9014		U0		3 = 3000°K (CRI >70)		035		EL = on/off	
		C0		4 = 4000°K (CRI >70)		050		LM = 1-10V	
				5 = 5000°K (CRI >70)		072		LD = dali	
						092		MD = mezzanotte virtuale / virtual midnight	
						120			
						150			
						165			



## INSTALLAZIONE / INSTALLATION

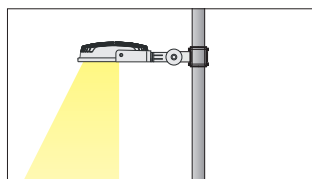
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

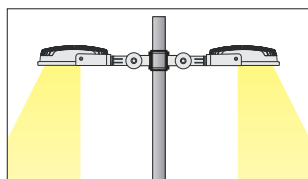
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062-065)

Single half pole installation - Ø 60mm. (ACC062-065)

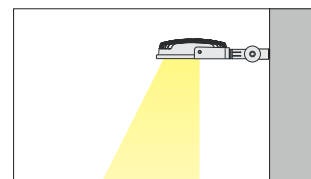
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063-066)

Double half pole installation - Ø 60mm. (ACC063-066)

Installazione a parete  
Wall installation

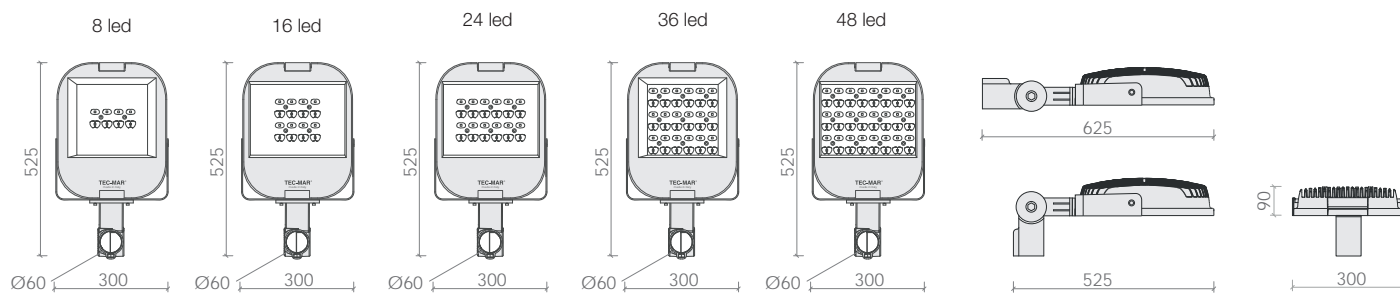


Apparecchio adatto per installazione a parete. (ACC064-067)

Wall installation. (ACC064-067)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	300	525	80	7,5	0,024	50





Due varianti di colore, antracite RAL 7015 e silver RAL 9006. Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006). High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

**RAL 7015**

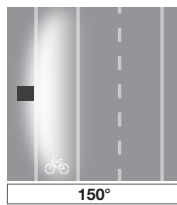
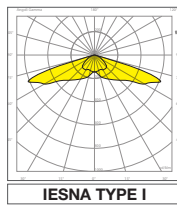
**RAL 9006**



**MOD. C0**

Ottica ciclopedonale IESNA Tipo I in PMMA ad alto rendimento.

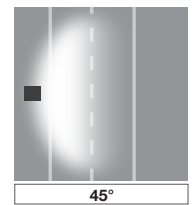
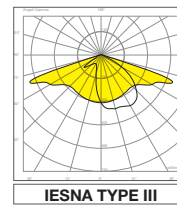
IESNA Type I cycle/pedestrian optic in high performance PMMA.



**MOD. U0**

Ottica asimmetrica stradale IESNA Tipo III PMMA ad alto rendimento.

Asymmetrical 45° streetlight optic IESNA Type III in high performance PMMA.



**PRESTAZIONI / PERFORMANCES**

**MOD. C0**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
35	1350	4000K - CRI>70	1x8	4501	3555	102	70W JM	D1
50	1050	4000K - CRI>70	2x8	7215	5699	114	100W JM/SAP	D1
72	950	4000K - CRI>70	2x12	10391	8208	114	150W JM/SAP	D1
92	1200	4000K - CRI>70	2x12	12429	9818	107	150W JM/SAP	D1
120	1050	4000K - CRI>70	3x12	16862	13320	111	250W JM/SAP	D1
150	1200	4000K - CRI>70	3x12	19737	15592	104	250W JM/SAP	D1
165	1050	4000K - CRI>70	4x12	22894	18086	110	400W JM	D1

**MOD. U0**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
35	1350	4000K - CRI>70	1x8	4501	3964	113	70W JM	D1
50	1050	4000K - CRI>70	2x8	7215	6354	127	100W JM/SAP	D1
72	950	4000K - CRI>70	2x12	10391	9152	127	150W JM/SAP	D1
92	1200	4000K - CRI>70	2x12	12429	10947	119	150W JM/SAP	D1
120	1050	4000K - CRI>70	3x12	16862	14852	124	250W JM/SAP	D1
150	1200	4000K - CRI>70	3x12	19737	17384	116	250W JM/SAP	D1
165	1050	4000K - CRI>70	4x12	22894	20165	122	400W JM	D1

**ACCESSORI / ACCESSORIES**



- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.
- ACC065** Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC066** Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights double half-pole bracket, anthracite color. Pole diameter 60 mm.
- ACC067** Attacco a parete regolabile per armature stradali verniciato antracite. Streetlights adjustable wall bracket, anthracite color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

# AIRON 4

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablati, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

2200°K (CRI >80) = **-22.65%**  
3000°K (CRI >70) = **-5.15%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+1.46%**

## CARATTERISTICHE / MAIN FEATURES

| | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | **A++**

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9015		L1		S0 = 2200°K (CRI >80)		20		GL = on/off
				30 = 3000°K (CRI >70)		30		
				40 = 4000°K (CRI >70)		40		
				50 = 5000°K (CRI >70)		50		
						56		



RAL 9006

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9015		L1		S0 = 2200°K (CRI >80)		20		EL = on/off
				30 = 3000°K (CRI >70)		30		
				40 = 4000°K (CRI >70)		40		
				50 = 5000°K (CRI >70)		50		
						56		

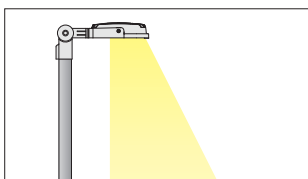


RAL 7015



## INSTALLAZIONE / INSTALLATION

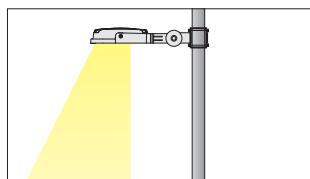
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

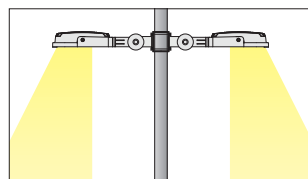
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062-065)

Single half pole installation - Ø 60mm. (ACC062-065)

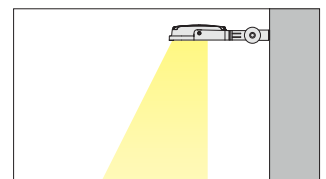
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063-066)

Double half pole installation - Ø 60mm. (ACC063-066)

Installazione a parete  
Wall installation

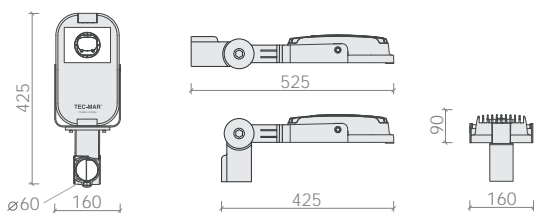


Apparecchio adatto per installazione a parete. (ACC064-067)

Wall installation. (ACC064-067)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	160	425	90	3,6	0,009	50





Due varianti di colore, antracite RAL 7015 e silver RAL 9006. Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006). High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

**RAL 7015**

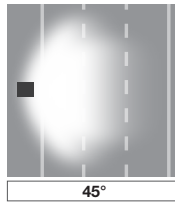
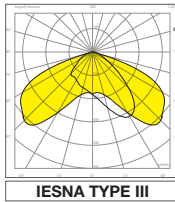
**RAL 9006**



**MOD. L1**

Ottica asimmetrica 45° stradale IESNA Tipo III in silicone ad alto rendimento.

High performance silicone asymmetrical 45° street optic IESNA Type III.



**PRESTAZIONI / PERFORMANCES**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
20	500	4000K - CRI>70	1	3214	2259	113	250W ALO	D1
30	700	4000K - CRI>70	1	4518	3176	106	70W JM	D1
40	1050	4000K - CRI>70	1	5827	4096	102	70W SAP	D1
50	1250	4000K - CRI>70	1	7102	4992	100	100W JM/SAP	D1
56	1050	4000K - CRI>70	1	10089	7092	127	150W JM	D1

**ACCESSORI / ACCESSORIES**



- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.
- ACC065** Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC066** Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights double half-pole bracket, anthracite color. Pole diameter 60 mm.
- ACC067** Attacco a parete regolabile per armature stradali verniciato antracite. Streetlights adjustable wall bracket, anthracite color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.



# AIRON 5

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

2200°K (CRI >80) = **-22.65%**  
3000°K (CRI >70) = **-5.15%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+1.46%**

## CARATTERISTICHE / MAIN FEATURES

220-240 V<sub>≈</sub>

 -25°C | +45°C
 | IP66
 | IK08
 | RG0
 | CRI >70
 | 3 step MacAdam
 | <7% LOW flicker
 | L80-B20 >50.000h
 | L80-B50 >75.000h
 | **A++**

### CODIFICA - colore silver / CODING - silver color



Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9006
9016		L1		S = 2200°K (CRI >80)		020 100		GL = on/off	
		L2		3 = 3000°K (CRI >70)		030 110		GM = 1-10V	
				4 = 4000°K (CRI >70)		040 120		GD = dali	
				5 = 5000°K (CRI >70)		050 130		MG = mezzanotte virtuale / virtual midnight	
						056 150			
						070 165			
						080 185			

### CODIFICA - colore antracite / CODING - anthracite color

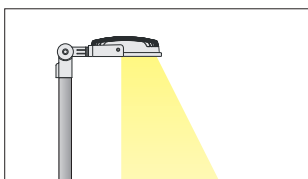


Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 7015
9016		L1		S = 2200°K (CRI >80)		020 100		EL = on/off	
		L2		3 = 3000°K (CRI >70)		030 110		LM = 1-10V	
				4 = 4000°K (CRI >70)		040 120		LD = dali	
				5 = 5000°K (CRI >70)		050 130		MD = mezzanotte virtuale / virtual midnight	
						056 150			
						070 165			
						080 185			



## INSTALLAZIONE / INSTALLATION

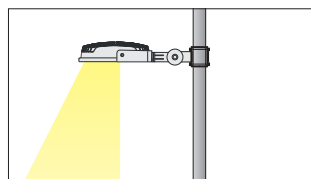
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

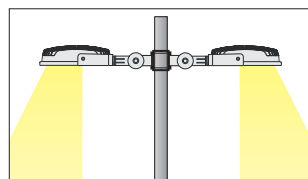
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062-065)

Single half pole installation - Ø 60mm. (ACC062-065)

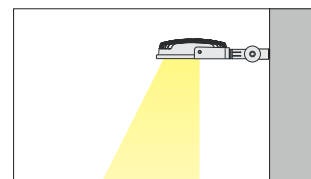
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063-066)

Double half pole installation - Ø 60mm. (ACC063-066)

Installazione a parete  
Wall installation

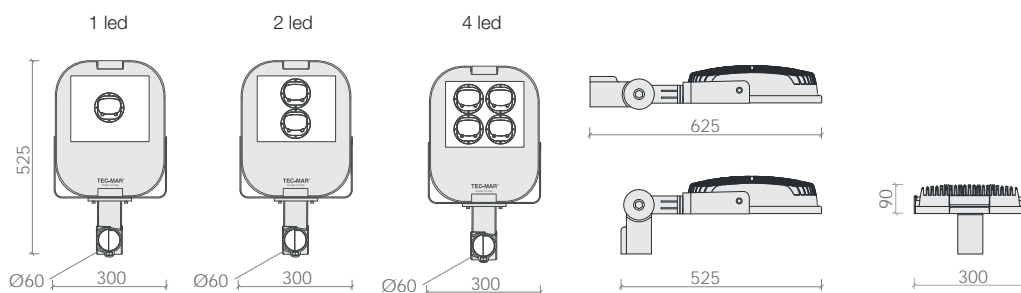


Apparecchio adatto per installazione a parete. (ACC064-067)

Wall installation. (ACC064-067)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	300	525	80	7,5	0,024	50





Due varianti di colore, antracite RAL 7015 e silver RAL 9006.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006).  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

**RAL 7015**

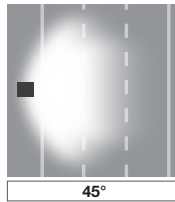
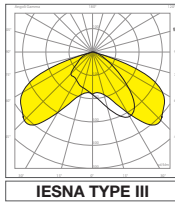
**RAL 9006**



**MOD. L1 / L2**

Ottica asimmetrica 45° stradale IESNA Tipo III in silicone ad alto rendimento.

High performance silycone asymmetrical 45 ° street optic IESNA Type III.



**PRESTAZIONI / PERFORMANCES**

**MOD. L1**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
20	500	4000K - CRI>70	1	3214	2259	113	250W ALO	D1
30	700	4000K - CRI>70	1	4518	3176	106	70W JM	D1
40	1050	4000K - CRI>70	1	5827	4096	102	70W SAP	D1
50	1250	4000K - CRI>70	1	7102	4992	100	100W JM/SAP	D1
56	1050	4000K - CRI>70	1	10089	7092	127	150W JM	D1

**MOD. L2**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
70	900	4000K - CRI>70	2	10909	7887	113	150W ALO	D1
80	1050	4000K - CRI>70	2	12420	8979	112	150W JM/SAP	D1
100	1250	4000K - CRI>70	2	14163	10239	102	150W JM/SAP	D1
110	1450	4000K - CRI>70	2	16703	12076	110	250W JM/SAP	D1
120	1500	4000K - CRI>70	2	18682	13507	113	250W JM/SAP	D1
130	1150	4000K - CRI>70	2	21404	15475	119	250W JM/SAP	D1
150	1300	4000K - CRI>70	2	24174	17477	117	400W JM	D1
165	1500	4000K - CRI>70	2	27173	19646	119	400W JM	D1
185	850	4000K - CRI>70	4	33622	22966	124	400W JM	D1

**ACCESSORI / ACCESSORIES**



- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC064** Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.
- ACC065** Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC066** Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights double half-pole bracket, anthracite color. Pole diameter 60 mm.
- ACC067** Attacco a parete regolabile per armature stradali verniciato antracite. Streetlights adjustable wall bracket, anthracite color.
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

# LORD STREET

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo regolabile diametro 60mm verniciato a colore incluso.  
Surge Protection da 6kV.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

60mm diameter painted adjustable pole bracket.  
6kV Surge Protection included.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

2200°K (CRI >80) = **-22.65%**  
3000°K (CRI >70) = **-5.15%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+1.46%**  
4000°K (CRI >80) = **-5.85%**

## CARATTERISTICHE / MAIN FEATURES

### CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8031		ST		S = 2200°K (CRI >80)		080		GL = on/off
				3 = 3000°K (CRI >70)		115		GM = 1-10V
				4 = 4000°K (CRI >70)		120		GD = dali
				5 = 5000°K (CRI >70)		150		
				8 = 4000°K (CRI >80)		185		
						200		
						240		



RAL 9006

### CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8031		ST		S = 2200°K (CRI >80)		080		EL = on/off
				3 = 3000°K (CRI >70)		115		LM = 1-10V
				4 = 4000°K (CRI >70)		120		LD = dali
				5 = 5000°K (CRI >70)		150		
				8 = 4000°K (CRI >80)		185		
						200		
						240		

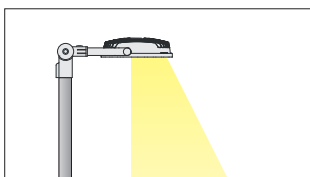


RAL 7015



## INSTALLAZIONE / INSTALLATION

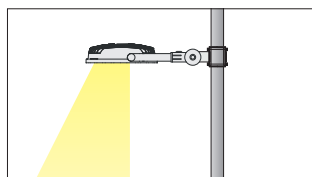
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

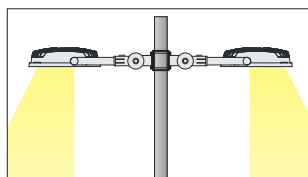
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC062-065)

Single half pole installation - Ø 60mm. (ACC062-065)

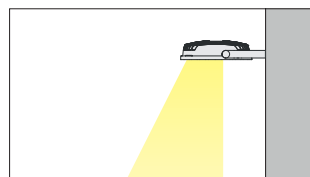
Installazione mezzo palo doppio  
Double half pole installation



Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC063-066)

Double half pole installation - Ø 60mm. (ACC063-066)


Installazione a parete  
Wall installation

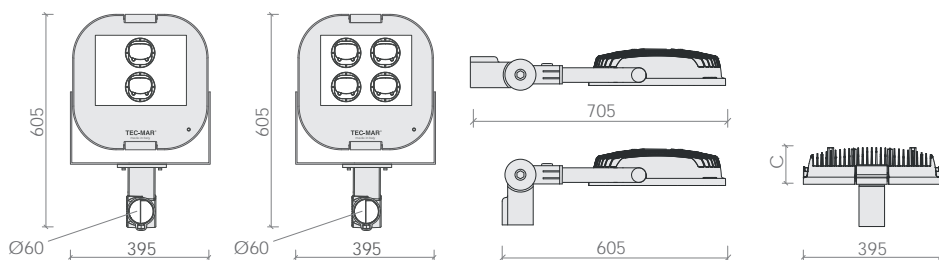


Apparecchio adatto per installazione a parete.

Wall installation.

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	395	605	90	8,7	0,024	50
<b>D2</b>	395	605	90	9,0	0,024	50





Due varianti di colore, antracite RAL 7015 e silver RAL 9006.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006).  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

**RAL 7015**

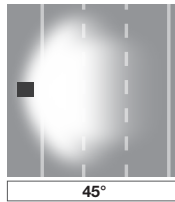
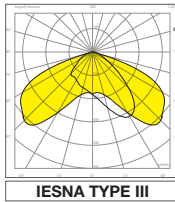
**RAL 9006**



**MOD. ST**

Ottica asimmetrica 45° stradale IESNA Tipo III in silicone ad alto rendimento.

High performance silycone asymmetrical 45 ° street optic IESNA Type III.



**PRESTAZIONI / PERFORMANCES**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
80	1050	4000K - CRI>70	2	13811	9985	125	150W JM/SAP	D1
115	1450	4000K - CRI>70	2	18682	13507	117	250W JM	D1
120	1075	4000K - CRI>70	2	20589	14886	124	250W JM/SAP	D1
150	1325	4000K - CRI>70	2	24559	17756	118	250W JM/SAP	D1
185	1600	4000K - CRI>70	2	29834	21570	117	400W JM	D2
200	1725	4000K - CRI>70	2	31858	23033	115	400W JM/SAP	D2
240	1100	4000K - CRI>70	4	41454	29971	125	400W JM/SAP	D2

**ACCESSORI / ACCESSORIES**



- ACC062** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC063** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.
- ACC065** Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC066** Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm  
Streetlights double half-pole bracket, anthracite color. Pole diameter 60 mm.
- ACC031** Griglia di protezione 385 x 385 mm  
385 x 385 mm protection grid
- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.



# LORD ROAD

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver o antracite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver or anthracite color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

220-240 V<sub>~</sub>

 -25°C / +45°C
 | IP66
 | IK08
 | RG0
 | CRI >70
 | 3 step MacAdam
 | <7% LOW flicker
 | L80-B20 >50.000h
 | L80-B50 >75.000h
 | A++

## CODIFICA - colore silver / CODING - silver color



Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9006
8036		RD		S = 2200°K (CRI >80)		040		GL = on/off	
				3 = 3000°K (CRI >70)		056		GM = 1-10V	
				4 = 4000°K (CRI >70)		065		GD = dali	
				5 = 5000°K (CRI >70)		080		MG = mezzanotte virtuale / virtual midnight	
				8 = 4000°K (CRI >80)		100		GA = vetro acidato / acid-etched glass	
						120		GV = vetro infrangibile / shatterproof glass	

## Dotazione

Attacco basculante per tesata in lamiera d'acciaio zincata a caldo incluso. Surge Protection da 10kV incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

## Equipment

Tilting attachment in hot galvanized sheet steel included. 10kV Surge Protection. 1500mm long H07RN-F neoprene cable.



## CODIFICA - colore antracite / CODING - anthracite color



Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 7015
8036		RD		S = 2200°K (CRI >80)		040		EL = on/off	
				3 = 3000°K (CRI >70)		056		LM = 1-10V	
				4 = 4000°K (CRI >70)		065		LD = dali	
				5 = 5000°K (CRI >70)		080		MD = mezzanotte virtuale / virtual midnight	
				8 = 4000°K (CRI >80)		100		VA = vetro acidato / acid-etched glass	
						120		VI = vetro infrangibile / shatterproof glass	

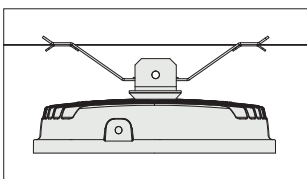
## Δ LUMEN

2200°K (CRI >80) = **-22.65%**  
 3000°K (CRI >70) = **-5.15%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+1.46%**  
 4000°K (CRI >80) = **-5.85%**



## INSTALLAZIONE / INSTALLATION

Installazione su tesata  
Tensioned cable installation

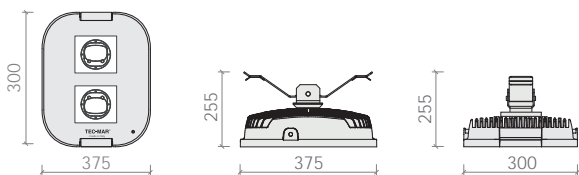


Apparecchio adatto per installazione su tesata.

Tensioned cable installation.

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	300	375	255	6,7	0,036	50





Due varianti di colore, antracite RAL 7015 e silver RAL 9006.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Two color variants, anthracite (RAL 7015) and silver (RAL 9006).  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

**RAL 7015**

**RAL 9006**

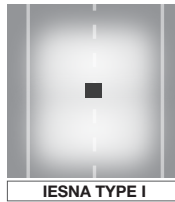
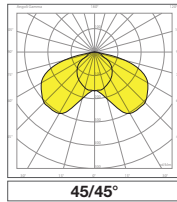


## OTTICHE / OPTICS

### MOD. RD

Ottica per centrostrada IESNA Tipo I in silicone ad alto rendimento.

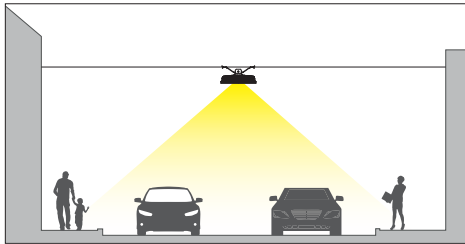
High performance silicone optic crossroad IESNA Type I.



## PRESTAZIONI / PERFORMANCES

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
40	525	4000K - CRI>70	2	6708	5233	131	70W SAP	D1
56	700	4000K - CRI>70	2	8547	6667	119	100W JM/SAP	D1
65	800	4000K - CRI>70	2	9512	7420	114	100W JM/SAP	D1
80	1050	4000K - CRI>70	2	13811	10773	135	150W JM/SAP	D1
100	1350	4000K - CRI>70	2	15103	11781	118	150W JM/SAP	D1
120	1500	4000K - CRI>70	2	18682	14572	121	250W JM/SAP	D1

## APPLICAZIONE / APPLICATION



Applicazione del faro per illuminazione stradale due carreggiate con installazione su tesata.

Two-lanes road central-line installation

## ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, + E (16A - 400V). Color: black.

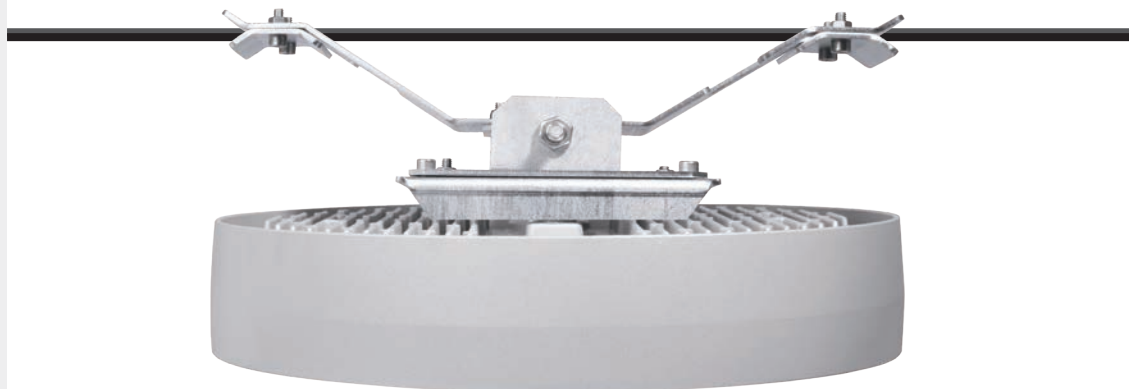
**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

# PIER

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220-240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8404		RD		30 = 3000°K (CRI >70)	08	27	GL	= on/off
				40 = 4000°K (CRI >70)	12	34	GM	= 1-10v
				50 = 5000°K (CRI >70)	16	36	GD	= dali
				84 = 4000°K (CRI >80)	17	52	MG	= mezzanotte virtuale / virtual midnight
					24	54	GA	= vetro acidato / acid-etched glass
					25	80	GV	= vetro infrangibile / shatterproof glass

### Dotazione

Attacco basculante per tesata in lamiera d'acciaio zincata a caldo incluso. Surge Protection da 10kV incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

Tilting attachment in hot galvanized sheet steel included. 10kV Surge Protection. 1500mm long H07RN-F neoprene cable.



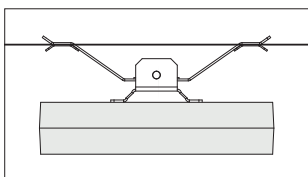
### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.50%**  
 4000°K (CRI >80) = **-5.91%**



## INSTALLAZIONE / INSTALLATION

Installazione su tesata  
Tensioned cable installation

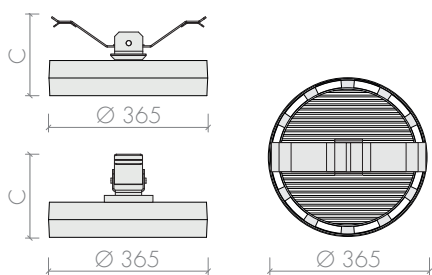


Apparecchio adatto per installazione su tesata.

Tensioned cable installation.

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	365	365	250	7,5	0,022	50



8 led

16 led

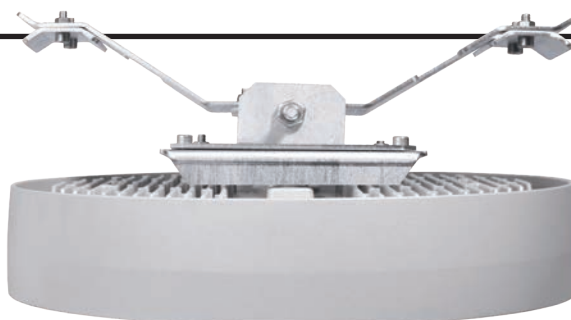
24 led



RAL 9006

RAL 9006.  
Verniciatura a polvere termoindurente  
poliestere di alta qualità resistente alla  
corrosione e alla nebbia salina.

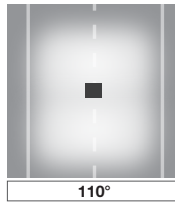
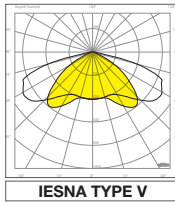
RAL 9006.  
High quality polyester thermosetting  
powder coating, resistant to corrosion  
and salt spray.



**MOD. RD**

Ottica rotosimmetrica stradale 110° IESNA Tipo V in PMMA ad alto rendimento.

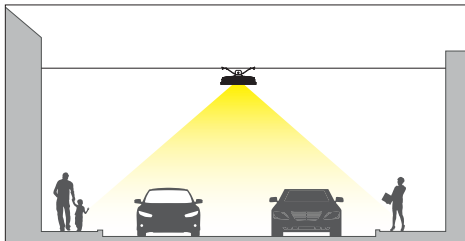
PMMA high performance 110° rotosymmetrical street optic IESNA Type V.



**PRESTAZIONI / PERFORMANCES**

W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	350	4000K - CRI>70	2x4	1530	1265	158	100W ALO	D1
16	350	4000K - CRI>70	2x8	3060	2530	158	150W ALO	D1
25	350	4000K - CRI>70	2x12	4590	3795	152	70W JM	D1
12	500	4000K - CRI>70	2x4	2119	1739	145	150W ALO	D1
24	500	4000K - CRI>70	2x8	4238	3479	145	70W JM	D1
36	500	4000K - CRI>70	2x12	6357	5219	145	70W JM/SAP	D1
17	700	4000K - CRI>70	2x4	2852	2319	136	150W ALO	D1
34	700	4000K - CRI>70	2x8	5704	4639	136	70W JM/SAP	D1
52	700	4000K - CRI>70	2x12	8556	6959	134	100W JM/SAP	D1
27	1050	4000K - CRI>70	2x4	4007	3205	119	70W JM/SAP	D1
54	1050	4000K - CRI>70	2x8	8014	6411	119	100W JM/SAP	D1
80	1500	4000K - CRI>70	2x12	12022	9617	120	150W JM/SAP	D1

**APPLICAZIONE / APPLICATION**



Applicazione del faro per illuminazione stradale due carreggiate con installazione su tesata.

Two-lanes road central-line installation

**ACCESSORI / ACCESSORIES**



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.







# Arredo urbano

## Urbano lights

# TOD 1

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >75.000h | A++

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7027		ME		30 = 3000°K (CRI >70)		08 24		GL = on/off
		CP		40 = 4000°K (CRI >70)		12 27		GM = 1-10v
				50 = 5000°K (CRI >70)		16 34		GD = dali
						17 54		MG = mezzanotte virtuale / virtual midnight

## Dotazione

Attacco palo diametro 60mm verniciato a colore incluso.

Surge Protection da 10kV incluso.

Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

## Equipment

Painted Ø60mm pole bracket.

10kV Surge Protection.

1500mm long H07RN-F neoprene cable.



## Δ LUMEN

3000°K (CRI >70) = **-0.50%**

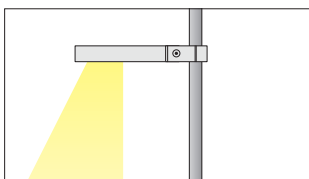
4000°K (CRI >70) = **standard**

5000°K (CRI >70) = **+0.50%**



## INSTALLAZIONE / INSTALLATION

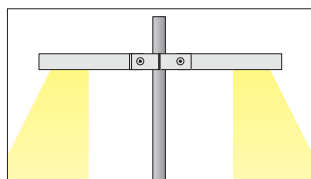
Installazione mezzo palo singolo  
Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC130)

Single half pole installation - Ø 60mm. (ACC130)

Installazione mezzo palo doppio  
Double half pole installation

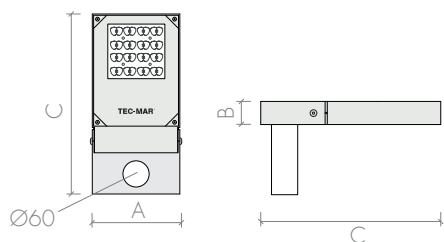


Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC122)

Double half pole installation - Ø 60mm. (ACC122)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	205	55	415	5,5	0,005	50





RAL 9006 silver.

Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

RAL 9006.

High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

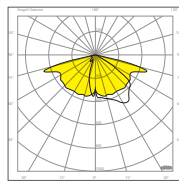
**RAL 9006**



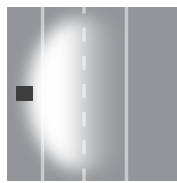
**MOD. ME**

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



CLASS ME

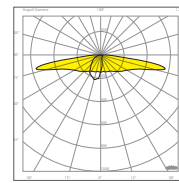


45°

**MOD. CP**

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



IESNA TYPE II/III

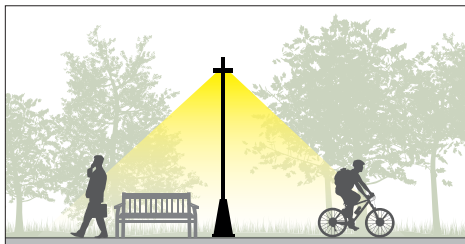


150°

**PRESTAZIONI / PERFORMANCES**

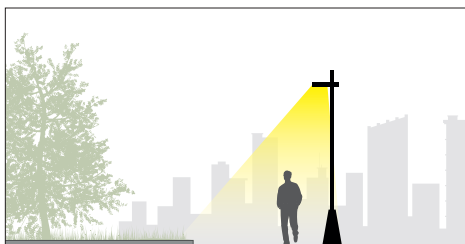
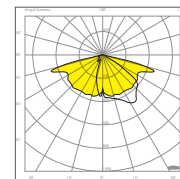
W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	350	4000K - CRI>70	1x8	1530	1308	164	100W ALO	D1
16	350	4000K - CRI>70	2x8	3060	2616	164	150W ALO	D1
12	500	4000K - CRI>70	1x8	2119	1799	150	150W ALO	D1
24	500	4000K - CRI>70	2x8	4238	3598	150	70W JM	D1
17	700	4000K - CRI>70	1x8	2852	2398	141	150W ALO	D1
34	700	4000K - CRI>70	2x8	5704	4797	141	70W JM/SAP	D1
27	1050	4000K - CRI>70	1x8	4007	3315	123	70W JM/SAP	D1
54	1050	4000K - CRI>70	2x8	8014	6630	123	150W JM	D1

**APPLICAZIONE / APPLICATION**



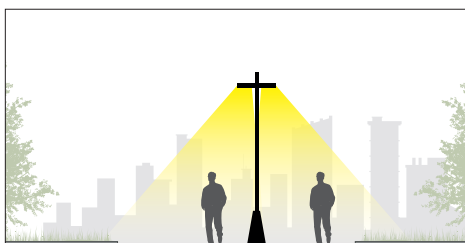
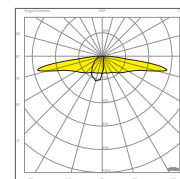
Applicazione del faro per illuminazione di aree ciclopedonali con altezza del palo ridotta.

Lighting of cycling and pedestrian areas with reduced pole height.



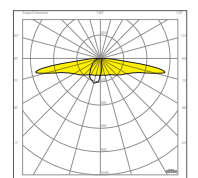
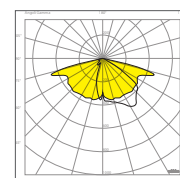
Applicazione del faro per illuminazione di aree pedonali con altezza del palo standard.

Lighting of pedestrian areas with standard pole height.



Applicazione del faro per illuminazione di aree pedonali con doppia percorrenza.

Lighting of pedestrian two-ways areas.



**ACCESSORI / ACCESSORIES**



ACC068



ACC070



ACC122 - 130

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC122** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.

**ACC130** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter 60 mm.

# TOD 2

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220-240 V<sub>≈</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% flicker | L90-B10 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
7028		ME	3	= 3000°K (CRI >70)	025	073	GL	= on/off
		CP	4	= 4000°K (CRI >70)	036	078	GM	= 1-10v
			5	= 5000°K (CRI >70)	037	080	GD	= dali
					050	104	MG	= mezzanotte virtuale / virtual midnight
					052	120		
					054	150		

### Dotazione

Attacco palo diametro 60mm verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

Painted Ø60mm pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



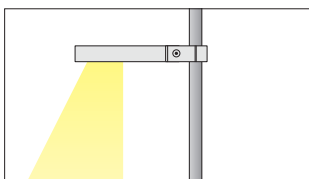
### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**



## INSTALLAZIONE / INSTALLATION

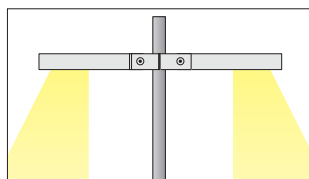
### Installazione mezzo palo singolo Single half pole installation



Apparecchio adatto per installazione su mezzo palo da Ø 60mm. (ACC131)

Single half pole installation - Ø 60mm. (ACC131)

### Installazione mezzo palo doppio Double half pole installation

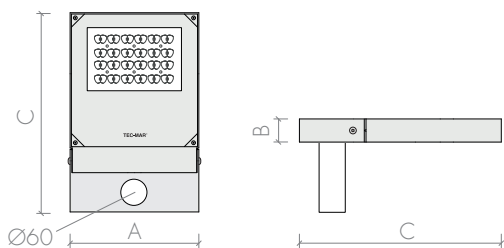


Apparecchio adatto per doppia installazione su mezzo palo da Ø 60mm. (ACC123)

Double half pole installation - Ø 60mm. (ACC123)

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	295	55	465	7,5	0,009	50







RAL 9006 silver.  
Verniciatura a polvere termoindurente  
poliestere di alta qualità resistente alla  
corrosione e alla nebbia salina.

RAL 9006.  
High quality polyester thermosetting  
powder coating, resistant to corrosion  
and salt spray.

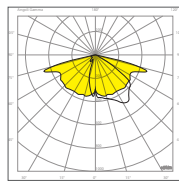
**RAL 9006**



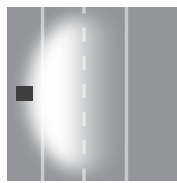
**MOD. ME**

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



CLASS ME

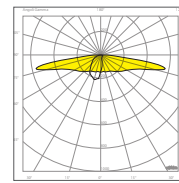


45°

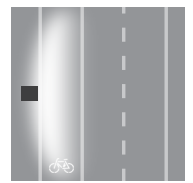
**MOD. CP**

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



IESNA TYPE II/III

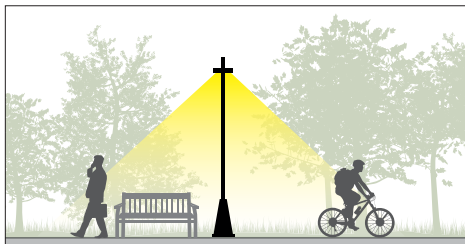


150°

**PRESTAZIONI / PERFORMANCES**

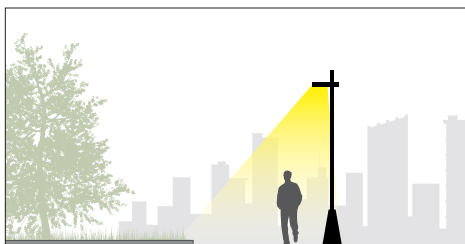
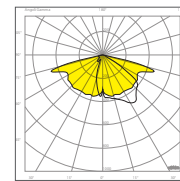
W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
25	350	4000K - CRI>70	2x12	4590	3924	157	70W JM	D1
37	350	4000K - CRI>70	3x12	6885	5886	159	70W JM/SAP	D1
50	350	4000K - CRI>70	4x12	9180	7848	157	150W JM	D1
36	500	4000K - CRI>70	2x12	6357	5397	150	70W JM/SAP	D1
54	500	4000K - CRI>70	3x12	9536	8096	150	150W JM	D1
73	500	4000K - CRI>70	4x12	12715	10795	148	150W JM/SAP	D1
52	700	4000K - CRI>70	2x12	8556	7196	138	150W JM	D1
78	700	4000K - CRI>70	3x12	12834	10794	138	150W JM/SAP	D1
104	700	4000K - CRI>70	4x12	17112	14392	138	150W JM/SAP	D1
80	1050	4000K - CRI>70	2x12	12022	9945	124	150W JM/SAP	D1
120	1050	4000K - CRI>70	3x12	18032	14918	124	250W JM/SAP	D1
150	1000	4000K - CRI>70	4x12	22342	18528	124	400W JM	D1

**APPLICAZIONE / APPLICATION**



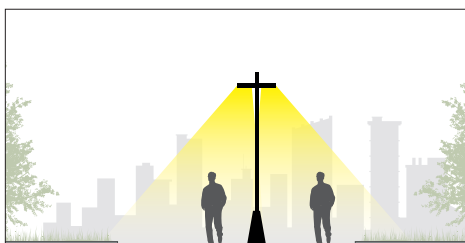
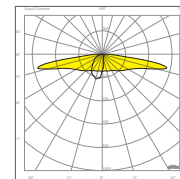
Applicazione del faro per illuminazione di aree ciclopedonali con altezza del palo ridotta.

Lighting of cycling and pedestrian areas with reduced pole height.



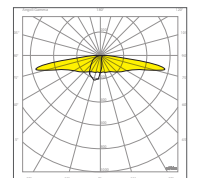
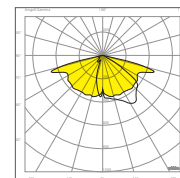
Applicazione del faro per illuminazione di aree pedonali con altezza del palo standard.

Lighting of pedestrian areas with standard pole height.



Applicazione del faro per illuminazione di aree pedonali con doppia percorrenza.

Lighting of pedestrian two-ways areas.



**ACCESSORI / ACCESSORIES**



ACC068



ACC070



ACC123 - 131

**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

**ACC123** Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.

**ACC131** Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm  
Streetlights half-pole bracket, silver color. Pole diameter 60 mm.

# ALO 1

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Attacco palo verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

### Equipment

Painted pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



### Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**

## CARATTERISTICHE / MAIN FEATURES

220 V<sub>≈</sub> 240 V | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% flicker | LOW flicker | L90-B10 >50.000h | L80-B50 >75.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8410		ME		30 = 3000°K (CRI >70)		08 27		GL = on/off
		CP		40 = 4000°K (CRI >70)		12 34		GM = 1-10v
		RT		50 = 5000°K (CRI >70)		16 36		GD = dali
						17 52		MG = mezzanotte virtuale / virtual midnight
						24 54		
						25 80		

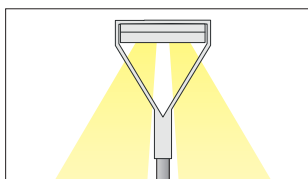
## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8410		ME		30 = 3000°K (CRI >70)		08 27		EL = on/off
		CP		40 = 4000°K (CRI >70)		12 34		LM = 1-10v
		RT		50 = 5000°K (CRI >70)		16 36		LD = dali
						17 52		MD = mezzanotte virtuale / virtual midnight
						24 54		
						25 80		



**INSTALLAZIONE / INSTALLATION**

Installazione testa palo  
Pole top installation

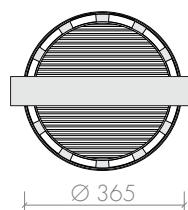
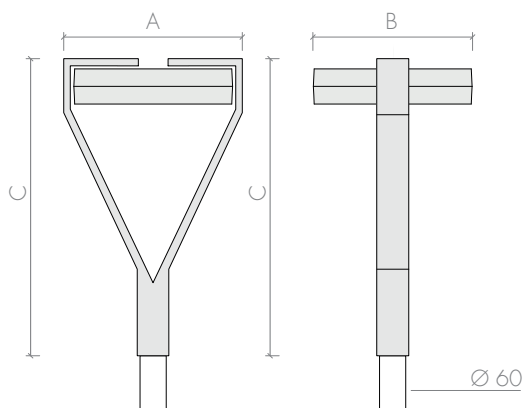


Apparecchio adatto per installazione su testa palo da Ø 60mm

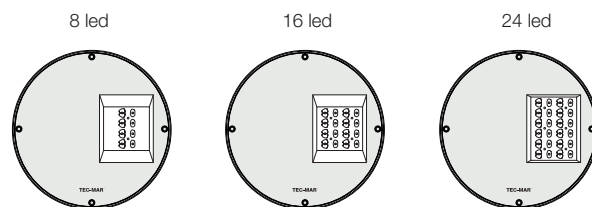
Top pole installation - Ø 60mm

**DIMENSIONI / DIMENSIONS**

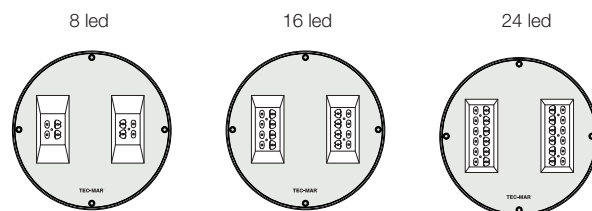
	A	B	C	Kg	mc	
<b>D1</b>	420	365	680	9,0	0,114	20



**Mod. ME-CP**



**Mod. RT**





RAL 9006 silver.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

RAL 9006.  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

RAL 7015 antracite.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

RAL 7015.  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

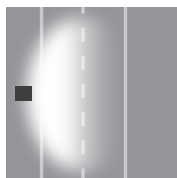
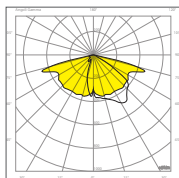
**RAL 9006**



**MOD. ME**

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

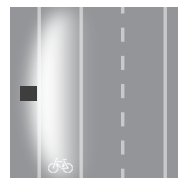
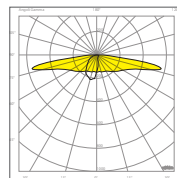
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



**MOD. CP**

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

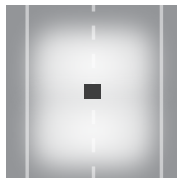
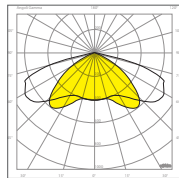
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



**MOD. RT**

Ottica rosimmetrica stradale 110° IESNA Tipo V in PMMA ad alto rendimento.

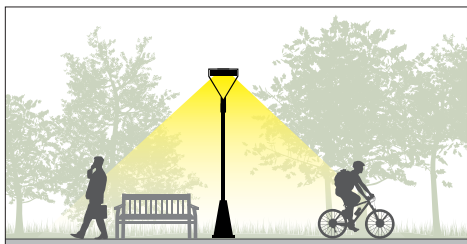
High performance PMMA 110° ro-symmetrical street optic IESNA Type V.



**PRESTAZIONI / PERFORMANCES**

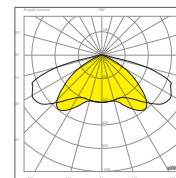
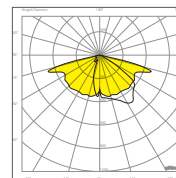
W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	350	4000K - CRI>70	2x4	1530	1265	158	100W ALO	D1
16	350	4000K - CRI>70	2x8	3060	2530	158	150W ALO	D1
25	350	4000K - CRI>70	2x12	4590	3795	152	70W JM	D1
12	500	4000K - CRI>70	2x4	2119	1739	145	150W ALO	D1
24	500	4000K - CRI>70	2x8	4238	3479	145	70W JM	D1
36	500	4000K - CRI>70	2x12	6357	5219	145	70W JM/SAP	D1
17	700	4000K - CRI>70	2x4	2852	2319	136	150W ALO	D1
34	700	4000K - CRI>70	2x8	5704	4639	136	70W JM/SAP	D1
52	700	4000K - CRI>70	2x12	8556	6959	134	100W JM	D1
27	1050	4000K - CRI>70	2x4	4007	3205	119	70W JM	D1
54	1050	4000K - CRI>70	2x8	8014	6411	119	100W JM	D1
80	1000	4000K - CRI>70	2x12	12022	9617	120	150W JM/SAP	D1

**APPLICAZIONE / APPLICATION**



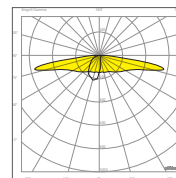
Applicazione del faro per illuminazione di aree ciclopedonali con altezza del palo ridotta.

Lighting of cycling and pedestrian areas with reduced pole height.



Applicazione del faro per illuminazione di aree pedonali con altezza del palo standard.

Lighting of pedestrian areas with standard pole height.



**ACCESSORI / ACCESSORIES**



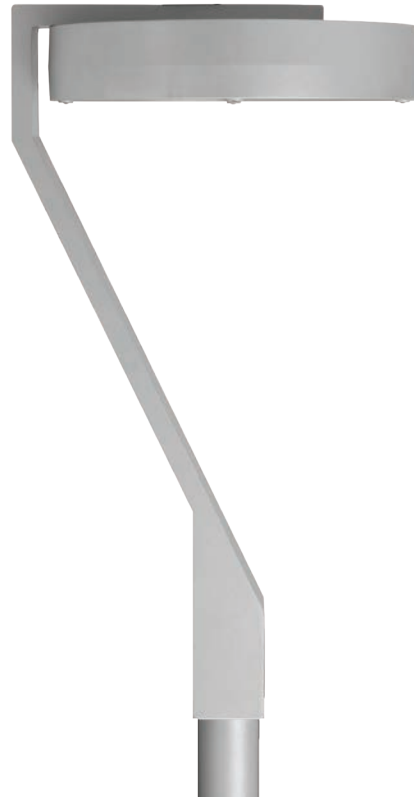
**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

# ALO 2

Apparecchio per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

## CODIFICA - colore silver / CODING - silver color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8411		ME		30 = 3000°K (CRI >70)		08 27		GL = on/off
		CP		40 = 4000°K (CRI >70)		12 34		GM = 1-10v
		RT		50 = 5000°K (CRI >70)		16 36		GD = dali
						17 52		MG = mezzanotte virtuale / virtual midnight
						24 54		
						25 80		

## Dotazione

Attacco palo verniciato a colore incluso.  
Surge Protection da 10kV incluso.  
Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm.

## Equipment

Painted pole bracket.  
10kV Surge Protection.  
1500mm long H07RN-F neoprene cable.



## CODIFICA - colore antracite / CODING - anthracite color

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8411		ME		30 = 3000°K (CRI >70)		08 27		EL = on/off
		CP		40 = 4000°K (CRI >70)		12 34		LM = 1-10v
		RT		50 = 5000°K (CRI >70)		16 36		LD = dali
						17 52		MD = mezzanotte virtuale / virtual midnight
						24 54		
						25 80		

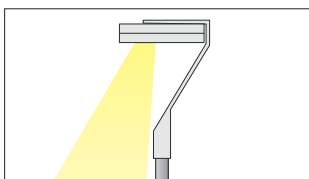
## Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**  
5000°K (CRI >70) = **+0.50%**



## INSTALLAZIONE / INSTALLATION

Installazione testa palo  
Pole top installation

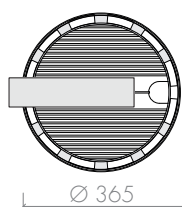
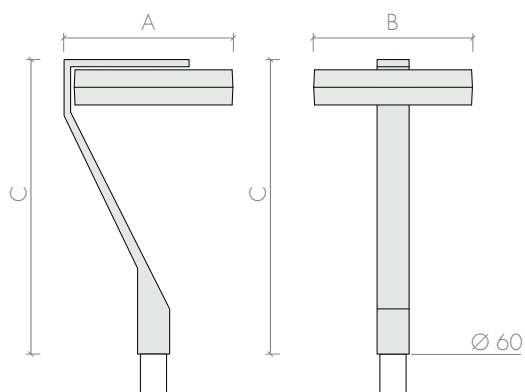


Apparecchio adatto per installazione su testa palo da Ø 60mm

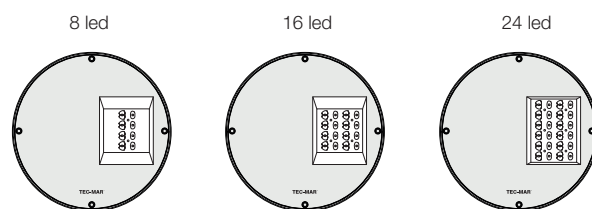
Top pole installation - Ø 60mm

## DIMENSIONI / DIMENSIONS

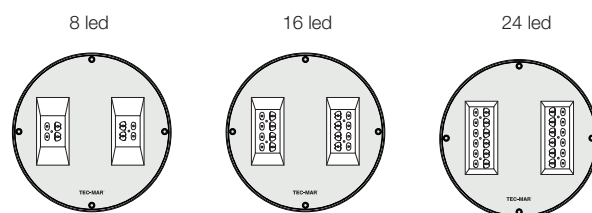
	A	B	C	Kg	mc	
<b>D1</b>	393	365	680	7,8	0,101	20



### Mod. ME-CP



### Mod. RT







RAL 9006 silver.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

RAL 9006.  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

RAL 7015 antracite.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

RAL 7015.  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

**RAL 9006**

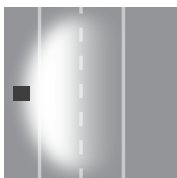
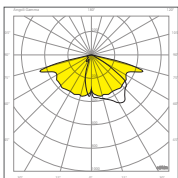


**OTTICHE / OPTICS**

**MOD. ME**

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

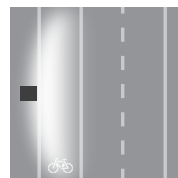
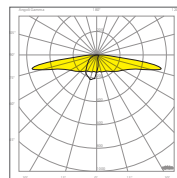
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



**MOD. CP**

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

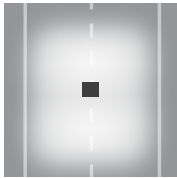
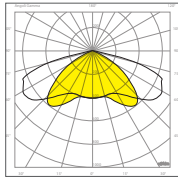
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



**MOD. RT**

Ottica rotosimmetrica stradale 110° IESNA Tipo V in PMMA ad alto rendimento.

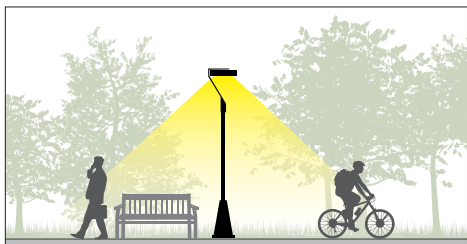
High performance PMMA 110° rotosymmetrical street optic IESNA Type V.



**PRESTAZIONI / PERFORMANCES**

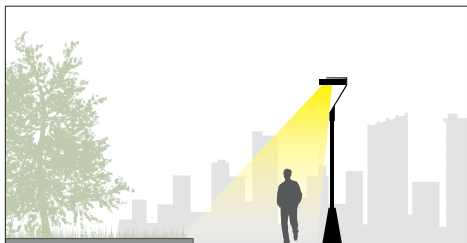
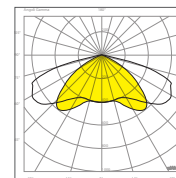
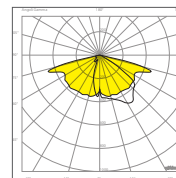
W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	350	4000K - CRI>70	2x4	1530	1265	158	100W ALO	D1
16	350	4000K - CRI>70	2x8	3060	2530	158	150W ALO	D1
25	350	4000K - CRI>70	2x12	4590	3795	152	70W JM	D1
12	500	4000K - CRI>70	2x4	2119	1739	145	150W ALO	D1
24	500	4000K - CRI>70	2x8	4238	3479	145	70W JM	D1
36	500	4000K - CRI>70	2x12	6357	5219	145	70W JM/SAP	D1
17	700	4000K - CRI>70	2x4	2852	2319	136	150W ALO	D1
34	700	4000K - CRI>70	2x8	5704	4639	136	70W JM/SAP	D1
52	700	4000K - CRI>70	2x12	8556	6959	134	100W JM	D1
27	1050	4000K - CRI>70	2x4	4007	3205	119	70W JM	D1
54	1050	4000K - CRI>70	2x8	8014	6411	119	100W JM	D1
80	1000	4000K - CRI>70	2x12	12022	9617	120	150W JM/SAP	D1

**APPLICAZIONE / APPLICATION**



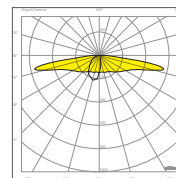
Applicazione del faro per illuminazione di aree ciclopedonali con altezza del palo ridotta.

Lighting of cycling and pedestrian areas with reduced pole height.



Applicazione del faro per illuminazione di aree pedonali con altezza del palo standard.

Lighting of pedestrian areas with standard pole height.



**ACCESSORI / ACCESSORIES**



- ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.
- ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.





# Speciali Special

# BOTERO

Riflettore per interni ed esterni per stazioni di servizio. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, vetro temperato trasparente spessore 4 mm, guarnizione in silicone. Montaggio a staffe (includere nella confezione), driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Canopy indoor and outdoor luminary. Die cast aluminium body, coated with polyester anticorrosion powder white color, 4 mm thick tempered transparent glass, silicon gasket. Brackets installation (included in the packaging), electronic driver 220-240V 50/60Hz. Manufactured in accordance with the EN / IEC 60598-1:2008 rules.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Cornice per incasso inclusa. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Frame for recessed installation. External wiring via IP66 rapid connector.



□ RAL 9003

### Δ LUMEN

4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.50%**  
 5700°K (CRI >80) = **+0.10%**

## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >70.000h | **A++**

## CODIFICA / CODING

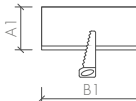
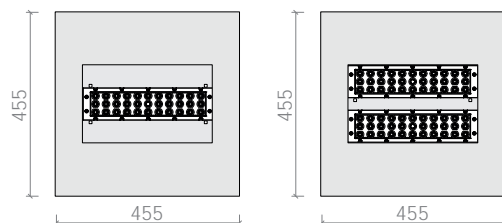
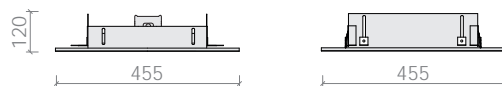
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
2083		S1	4 = 4000°K (CRI >80)	048	100	EL = on/off
		S2	5 = 5000°K (CRI >80)	056	110	LM = 1-10v
			7 = 5700°K (CRI >80)	068	137	LD = dali
				075	158	
				092		

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	455	455	120	6,8	0,007	40
<b>D2</b>	455	455	120	6,9	0,007	40

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	295	405
<b>D2</b>	295	405

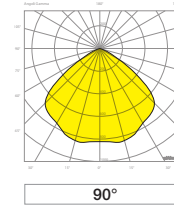
## Mod. S1

### Ottica

Lente multiled a fascio diffondente 90° in policarbonato antingiallente ad alto rendimento.

### Optic

90° wide beam multiled lens in high-performance anti-yellowing polycarbonate.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	1x32	8608	6821	142	70W JM/SAP	D1
56	4000K - CRI>80	1x32	9889	7650	137	70W JM/SAP	D1
68	4000K - CRI>80	1x32	11762	9317	137	150W JM/SAP	D1
75	4000K - CRI>80	1x32	12980	10281	137	150W JM/SAP	D1
92	4000K - CRI>80	1x32	15055	11923	130	150W JM/SAP	D1
100	4000K - CRI>80	1x32	16209	12836	128	150W JM/SAP	D1
110	4000K - CRI>80	1x32	17341	13731	125	250W JM/SAP	D1

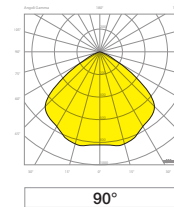
## Mod. S2

### Ottica

Lente multiled a fascio diffondente 90° in policarbonato antingiallente ad alto rendimento.

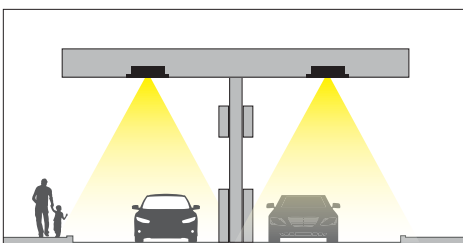
### Optic

90° wide beam multiled lens in high-performance anti-yellowing polycarbonate.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
48	4000K - CRI>80	2x32	9219	7305	152	70W JM/SAP	D2
56	4000K - CRI>80	2x32	10586	8388	150	70W JM/SAP	D2
68	4000K - CRI>80	2x32	12611	9992	147	150W JM/SAP	D2
75	4000K - CRI>80	2x32	14605	11572	154	150W JM/SAP	D2
92	4000K - CRI>80	2x32	17218	13641	148	150W JM/SAP	D2
100	4000K - CRI>80	2x32	18504	14660	147	150W JM/SAP	D2
110	4000K - CRI>80	2x32	19778	15669	142	250W JM/SAP	D2
137	4000K - CRI>80	2x32	23524	18635	136	250W JM/SAP	D2
158	4000K - CRI>80	2x32	26562	21039	133	400W JM/SAP	D2

### APPLICAZIONE / APPLICATION



Applicazione del faro ad incasso per illuminazione di pensiline e distributori di benzina.

Recessed installation for canopies and petrol stations.

# ARGO

Riflettore per interni ed esterni per stazioni di servizio. Corpo in alluminio trafilato ossidato, vetro temperato trasparente spessore 5 mm, guarnizione in silicone, fornito con cornice in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco e antingiallente, con pretrattamento di fosfatazione e sgrassaggio. Montaggio a staffe (incluse nella confezione), driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Canopy indoor and outdoor luminary. Extruded oxidate aluminium body, 5 mm thick tempered transparent glass, silicon gasket, equipped with steel body frame, painted with white epoxy-polyester anti-yellowing powder. Brackets installation (included in the packaging), electronic driver 220-240V 50/60Hz. Manufactured in accordance with the EN / IEC 60598-1:2008 rules.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Cornice per incasso inclusa. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Frame for recessed installation. External wiring via IP66 rapid connector.



□ RAL 9003

### Δ LUMEN

4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+1.80%**



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% flicker | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

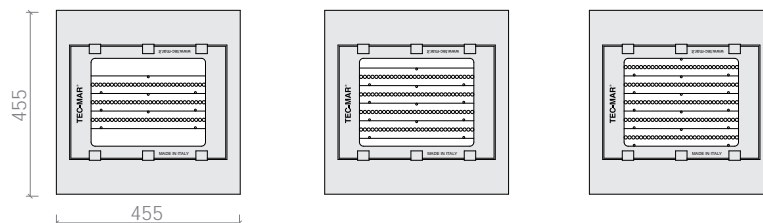
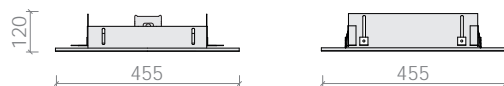
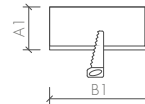
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
2080		SM	4 = 4000°K (CRI >80)		055	EL = on/off
			5 = 5000°K (CRI >80)		080	LM = 1-10v
					120	LD = dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	455	455	120	7,5	0,007	40

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	295	405



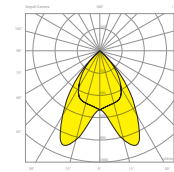
## Mod. SM

### Ottica

Lenti in policarbonato, ottica simmetrica

### Optic

Polycarbonate lenses, symmetric diffuser

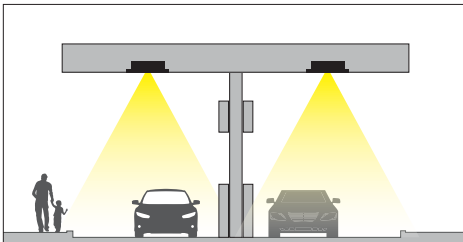


90° UGR<25



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
55	4000K - CRI>80	3x30	8442	6922	126	100W JM/SAP	D1
80	4000K - CRI>80	4x30	11941	9791	122	150W JM/SAP	D1
120	4000K - CRI>80	5x30	16050	13161	110	250W JM/SAP	D1

### APPLICAZIONE / APPLICATION



Applicazione del faro ad incasso per illuminazione di pensiline e distributori di benzina.

Recessed installation for canopies and petrol stations.



# DANTE

Riflettore per interni ed esterni per stazioni di servizio. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliesteri anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone. Montaggio a staffe (incluse nella confezione), driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Canopy indoor and outdoor luminary. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket. Brackets installation (included in the packaging), electronic driver 220-240V 50/60Hz. Manufactured in accordance with the EN / IEC 60598-1:2008 rules.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Cornice per incasso inclusa. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

Recessed frame included. 800mm long H07RN-F neoprene cable included.



□ RAL 9003

### Δ LUMEN

4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+3.43%**

## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>≈</sub> 240 | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

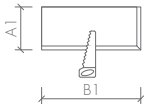
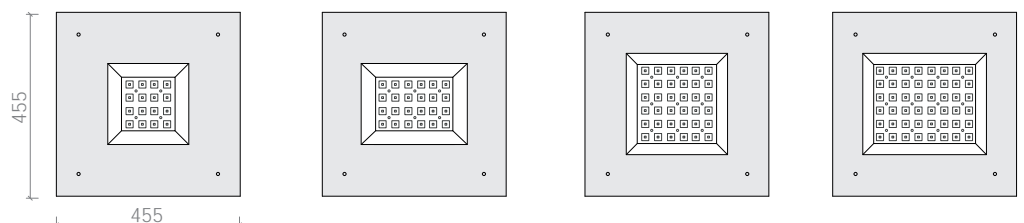
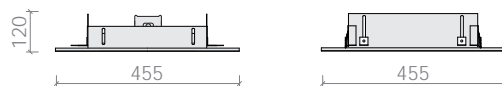
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
2084		SU	4 = 4000°K (CRI >80)	054	100	EL = on/off
			5 = 5000°K (CRI >80)	068	110	LM = 1-10v
				080	120	LD = dali
				092	150	

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	455	455	120	7,5	0,027	40

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	370	410

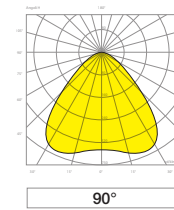
## Mod. SU

### Ottica

Ottica simmetrica 90° in PMMA ad alto rendimento.

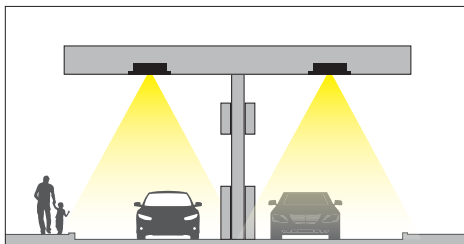
### Optic

90° wide beam high performance PMMA optics.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
54	4000K - CRI>80	2x8	8014	6412	123	100W JM/SAP	D1
68	4000K - CRI>80	2x12	10595	8537	124	150W JM/SAP	D1
80	4000K - CRI>80	2x12	12022	9618	124	150W JM/SAP	D1
92	4000K - CRI>80	3x12	15150	12236	124	150W JM/SAP	D1
100	4000K - CRI>80	3x12	15893	12806	124	150W JM/SAP	D1
110	4000K - CRI>80	3x12	17338	13905	124	250W JM/SAP	D1
120	4000K - CRI>80	3x12	18042	14435	124	250W JM/SAP	D1
150	4000K - CRI>80	4x12	23117	18540	124	400W JM/SAP	D1

### APPLICAZIONE / APPLICATION



Applicazione del faro ad incasso per illuminazione di pensiline e distributori di benzina.

Recessed installation for canopies and petrol stations.

### ACCESSORI / ACCESSORIES



**ACC068** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.

**ACC070** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.

# TUNLED 1

Riflettore per tunnel. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Tunnel lighting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> / 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
9101		P1	3 = 3000°K (CRI >70)	035	075	GL = on/off
		R1	4 = 4000°K (CRI >70)	045	085	GM = 1-10v
		R2	5 = 5000°K (CRI >70)	055	095	GD = dali
				065	105	

## Dotazione

Sistema di fissaggio rapido in acciaio Inox AISI 304. Cavo FTG18OM-16 2x1.5 lunghezza 1500mm già cablato. Surge Protection da 10kV incluso.

## Equipment

Rapid fixing system in AISI 304 stainless steel. Cable FTG18OM-16 2x1.5 length 1500mm already wired. 10kV Surge Protection.



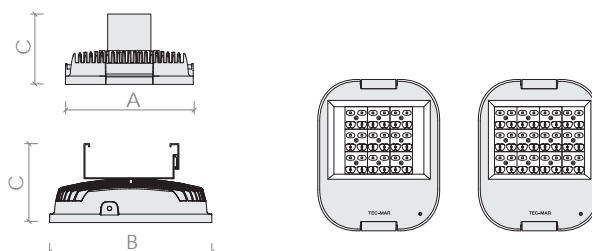
RAL 9006

## Δ LUMEN

3000°K (CRI >70) = **-6.45%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+3.43%**

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	300	375	170	7,7	0,021	50



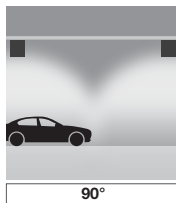
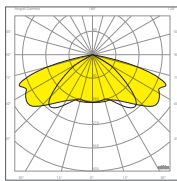


## OTTICHE / OPTICS

### MOD. P1

Ottica stradale permanente per tunnel EN13201 Classe M in PMMA ad alto rendimento.

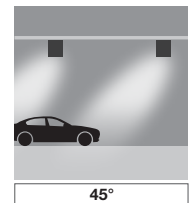
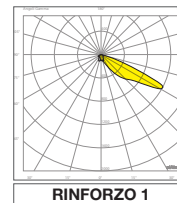
High performance PMMA permanent road optic for EN13201 Class M tunnels.



### MOD. R1

Ottica stradale di rinforzo in controflusso ottimizzata per gallerie Europee in PMMA ad alto rendimento.

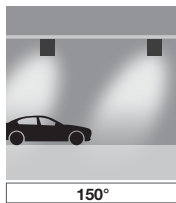
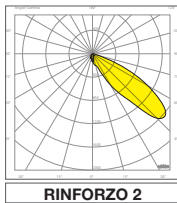
High efficiency PMMA reinforced counter-beam method road optic optimized for European tunnels.



### MOD. R2

Ottica stradale di rinforzo per tunnel Tipo Europeo in PMMA ad alto rendimento.

High efficiency PMMA reinforcement road optic for European tunnels.



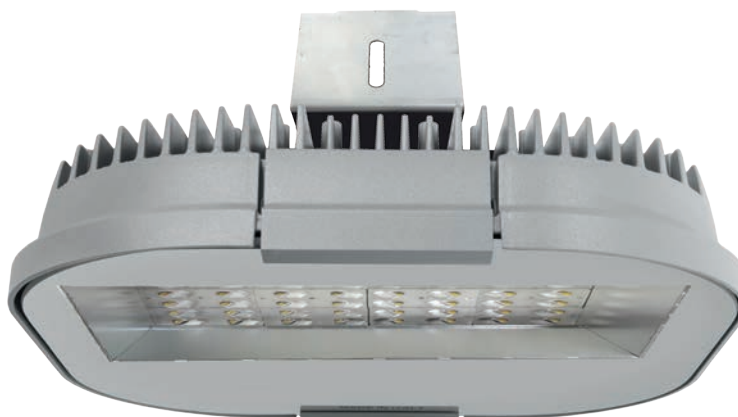
## PRESTAZIONI / PERFORMANCES

W tot.	°K	CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
35	4000	>70	3x12	6457	5294	151	70W JM/SAP	D1
45	4000	>70	3x12	8057	6606	147	100W JM	D1
55	4000	>70	3x12	9610	7880	143	100W JM	D1
65	4000	>70	4x12	11671	9570	147	100W JM	D1
75	4000	>70	4x12	13040	10692	143	150W JM/SAP	D1
85	4000	>70	4x12	14379	11790	139	150W JM/SAP	D1
95	4000	>70	4x12	15902	13039	137	150W JM/SAP	D1
105	4000	>70	4x12	17383	14254	136	250W JM/SAP	D1

# TUNLED 2

Riflettore per tunnel. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliester anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Tunnel lighting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES



 220 V<sub>~</sub> 240 |  -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 |  3 step MacAdam | <7% flicker | LOW flicker | L90-B10 >60.000h | L80-B50 >100.000h |  **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
9102		P1	3 = 3000°K (CRI >70)		110	GL = on/off
		R1	4 = 4000°K (CRI >70)		130	GM = 1-10v
		R2	5 = 5000°K (CRI >70)		150	GD = dali


## Dotazione

Sistema di fissaggio rapido in acciaio Inox AISI 304. Cavo FTG18OM-16 2x1.5 lunghezza 1500mm già cablato. Surge Protection da 10kV incluso.

## Equipment

Rapid fixing system in AISI 304 stainless steel. Cable FTG18OM-16 2x1.5 length 1500mm already wired. 10kV Surge Protection.



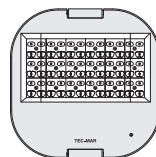
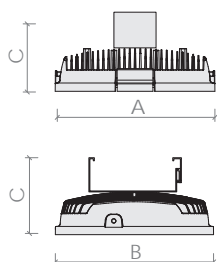
 RAL 9006

## Δ LUMEN

3000°K (CRI >70) = **-6.45%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+3.43%**

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	375	375	170	9,7	0,026	50



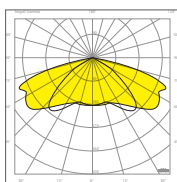


## OTTICHE / OPTICS

### MOD. P1

Ottica stradale permanente per tunnel EN13201 Classe M in PMMA ad alto rendimento.

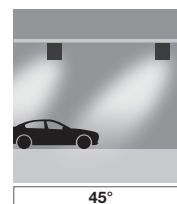
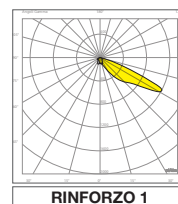
High performance PMMA permanent road optic for EN13201 Class M tunnels.



### MOD. R1

Ottica stradale di rinforzo in controflusso ottimizzata per gallerie Europee in PMMA ad alto rendimento.

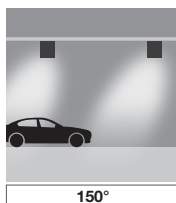
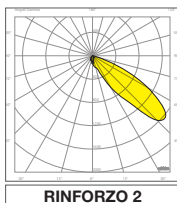
High efficiency PMMA reinforced counter-beam method road optic optimized for European tunnels.



### MOD. R2

Ottica stradale di rinforzo per tunnel Tipo Europeo in PMMA ad alto rendimento.

High efficiency PMMA reinforcement road optic for European tunnels.



## PRESTAZIONI / PERFORMANCES

W tot.	°K	CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
110	4000	>70	6x12	19221	15761	143	250W JM/SAP	D1
130	4000	>70	6x12	22227	18226	140	250W JM/SAP	D1
150	4000	>70	6x12	24813	20346	136	250W JM/SAP	D1

# TUNLED 3

Riflettore per tunnel. Corpo in alluminio trafilato ossidato, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Tunnel lighting. Extruded oxidate aluminium body, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% flicker | LOW flicker | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
9103		P1	3 = 3000°K (CRI >70)	170	300	GL = on/off
		R1	4 = 4000°K (CRI >70)	190	350	GM = 1-10v
		R2	5 = 5000°K (CRI >70)	210	400	GD = dali
				240	450	
				260		

## Dotazione

Sistema di fissaggio rapido in acciaio Inox AISI 304. Cavo FTG18OM-16 2x1.5 lunghezza 1500mm già cablatto. Surge Protection da 10kV incluso.

## Equipment

Rapid fixing system in AISI 304 stainless steel. Cable FTG18OM-16 2x1.5 length 1500mm already wired. 10kV Surge Protection.



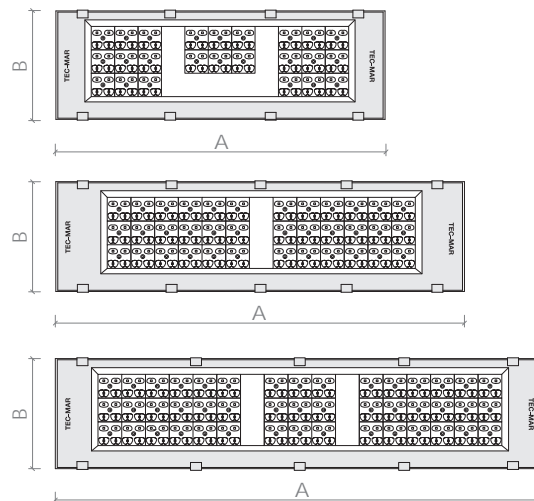
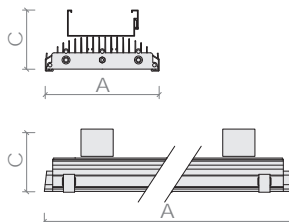
RAL 9006

## Δ LUMEN

3000°K (CRI >70) = **-6.45%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+3.43%**

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	760	280	170	29,5	0,042	40
<b>D2</b>	885	280	170	30,5	0,045	40
<b>D3</b>	1140	280	170	35,5	0,058	30



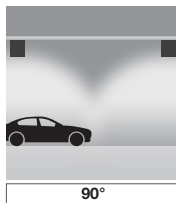
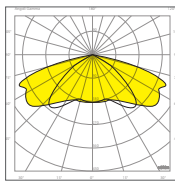


## OTTICHE / OPTICS

### MOD. P1

Ottica stradale permanente per tunnel EN13201 Classe M in PMMA ad alto rendimento.

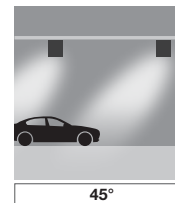
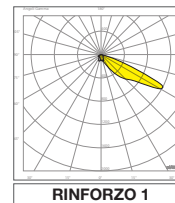
High performance PMMA permanent road optic for EN13201 Class M tunnels.



### MOD. R1

Ottica stradale di rinforzo in controflusso ottimizzata per gallerie Europee in PMMA ad alto rendimento.

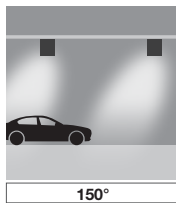
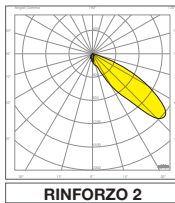
High efficiency PMMA reinforced counter-beam method road optic optimized for European tunnels.



### MOD. R2

Ottica stradale di rinforzo per tunnel Tipo Europeo in PMMA ad alto rendimento.

High efficiency PMMA reinforcement road optic for European tunnels.



## PRESTAZIONI / PERFORMANCES

W tot.	°K	CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
170	4000	>70	8x12	28758	23581	139	400W JM/SAP	D1
190	4000	>70	8x12	31804	26079	137	400W JM/SAP	D1
210	4000	>70	8x12	34766	28508	136	400W JM/SAP	D1
240	4000	>70	12x12	41807	34281	143	400W JM/SAP	D2
260	4000	>70	12x12	44455	36453	140	600W SAP	D2
300	4000	>70	12x12	50262	41214	137	600W SAP	D2
350	4000	>70	15x12	58017	47573	136	600W SAP	D3
400	4000	>70	15x12	65188	53454	134	1000W JM	D3
450	4000	>70	15x12	71334	58493	130	1000W JM/SAP	D3





# Emergenza

## Emergency

# FLAG

Lampada tradizionale per segnalazioni di sicurezza basata sulla tecnologia LED che permette un alto rendimento luminoso e una elevata vita operativa. L'apparecchio dispone di un indicatore luminoso di stato ed è predisposto per il funzionamento in modalità permanente "sempre accesa". Il corpo lampada è realizzato in policarbonato.

Standard luminaire for safety signals based on LED technology that allows a high luminous efficiency and a high operational life. This fixture has a status indicator light and it is designed for "always on" permanent operation. The body is made of polycarbonate.

## INSTALLAZIONE / INSTALLATION



### Dotazione

Pittogrammi inclusi nella confezione (3 tipologie)

### Equipment

Pictograms included in the package (3 types)



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>~</sub> / 240 V<sub>~</sub> | -0°C / +40°C | IP42 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker |

### Funzionamento / Operation

SA - "Sempre Accesa" / "Always on"

SE - "Solo Emergenza" / "Emergency only"

### Diffusore / Diffuser

Schermo trasparente satinato / Satin transparent screen

### Batteria / Battery

Tipo 1 = 3,6Vdc 700mAh Ni-Cd

Tipo 2 = 3,6Vdc 700mAh Ni-Mh

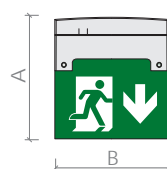
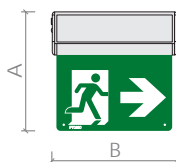
Tipo 3 = 3,6Vdc 1500mAh Ni-Mh

Tipo 4 = 7,4V 1800mAh Li-Ion

### Autonomia / Autonomy

1,5 h / 3 h

	A	B	C	Kg	mc			A	B	C	Kg	mc	
<b>D1</b>	245	308	45	1,5	0,007	100	<b>D2</b>	280	300	60	1,5	0,003	100

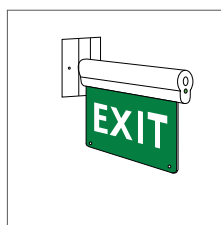


## APPLICAZIONE / APPLICATION

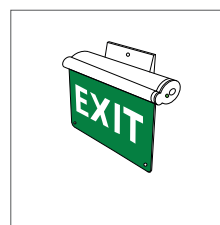
SOFFITTO  
CEILING



PARETE LATERALE  
SIDE WALL



PARETE FRONTALE  
FRONT WALL





## FLAG



Lampada per segnalazioni di sicurezza a LED con indicatore luminoso di stato e predisposizione per il funzionamento in modalità permanente "sempre accesa". Il corpo lampada è realizzato in policarbonato.

Standard LED luminaire for safety signals with a status indicator light, designed for "always on" permanent operation. Polycarbonate body.

Cod.	Lm	Dist.	Type	h	W-recharge	Time recharge	Battery
TE202500SA15	60	35m	SA	1,5	6,4	24h	Tipo 1
TE202700SA30	60	35m	SA	3,0	6,4	24h	Tipo 1

DIMENSION **D1**

**SA**



## FLAG IP65



Lampada per segnalazioni di sicurezza a LED con indicatore luminoso di stato e predisposizione per il funzionamento in modalità permanente "sempre accesa". Il corpo lampada è realizzato in policarbonato.

Standard LED luminaire for safety signals with a status indicator light, designed for "always on" permanent operation. Polycarbonate body.

Cod.	Lm	Dist.	Type	h	W-recharge	Time recharge	Battery
TE200500SA15	280	35m	SA-SE	1,5	5,7	12h	Tipo 2
TE200500SA30	280	35m	SA-SE	3,0	5,7	24h	Tipo 3

DIMENSION **D2**

**SA / SE**



## FLAG IP65-A



Lampada per segnalazioni di sicurezza a LED con indicatore luminoso di stato e predisposizione per il funzionamento in modalità permanente "sempre accesa". Il corpo lampada è realizzato in policarbonato. Funzione di autodiagnosi integrata.

Standard LED luminaire for safety signals with a status indicator light, designed for "always on" permanent operation. Polycarbonate body. Auto-test function.

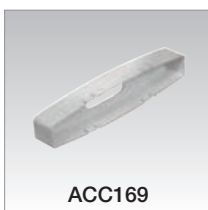
Cod.	Lm	Dist.	Type	h	W-recharge	Time recharge	Battery
TE200800SA15	280	35m	SA-SE	1,5	5,4	12h	Tipo 4
TE200800SA30	280	35m	SA-SE	3,0	5,4	24h	Tipo 4

DIMENSION **D2**

**SA / SE**

**AUTOTEST**

### ACCESSORI / ACCESSORIES



**ACC169** Kit staffe per installazione a soffitto. Per FLAG IP65 e FLAG IP65-A  
Bracket kit for ceiling installation. For FLAG IP65 and FLAG IP65-A

**ACC170** Kit staffe per installazione a parete laterale. Per FLAG IP65 e FLAG IP65-A  
Bracket kit for side wall installation. For FLAG IP65 and FLAG IP65-A

**ACC171** Kit staffe per installazione a parete frontale. Per FLAG IP65 e FLAG IP65-A  
Brackets kit for front wall installation. For FLAG IP65 and FLAG IP65-A

# JOLLY

Apparecchio a led per illuminazione di emergenza e sicurezza predisposto per il funzionamento permanente o non permanente con durata di 1,5 e 3 ore e grado di protezione IP42 e IP65.

Emergency and security led luminaire for permanent or non-permanent operation with a duration of 1,5 and 3 hours and IP42 or IP65 protection degree.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>~</sub> / 240 V<sub>~</sub> | - 0°C / +40°C | IP42 / IP65 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker |

### Funzionamento / Operation

SA - "Sempre Accesa" / "Always on"

SE - "Solo emergenza" / "Only emergency"

### Diffusore / Diffuser

Schermo trasparente serigrafato / Screen-printed transparent screen

### Tempo di ricarica / Charging time

12 / 24 h

### Autonomia / Autonomy

1,5 - 3 h

### Batteria / Battery

Tipo 1 = 3,6Vdc 700mAh Ni-Mh

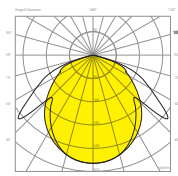
Tipo 2 = 3,6Vdc 1500mAh Ni-Mh

Tipo 3 = 3,7Vdc 2600 mAh Li-Ion

Tipo 4 = 7,4Vdc 1800mAh Li-Ion

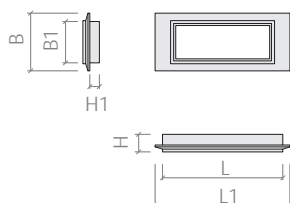
Tipo 5 = 7,4Vdc 2600mAh Li-Ion

## FOTOMETRIA / PHOTOMETRY



## DIMENSIONI / DIMENSIONS

	B	B1	L	L1	H	H1	Kg	mc	
<b>D1</b>	125	90	295	270	40	30	0,4	0,007	100





## JOLLY IP42



Apparecchio predisposto per il funzionamento non permanente (SE= solo emergenza) con durata di 1,5 e 3 ore e grado di protezione IP42. È possibile disabilitare, anche permanentemente, la funzione di illuminamento in emergenza (comando di INIBIT).

Emergency luminaire for non-permanent operation (SE = emergency only) with a duration of 1.5 and 3 hours and IP42 protection degree. It is possible to disable, even permanently, the emergency lighting function (INIBIT command).

Cod.	Lm	replace	Type	h	W-recharge	Battery	Time recharge
TE800711SE15	180	11W fluo	SE	1,5	1,5	Type 1	24h
TE800911SE30	180	11W fluo	SE	3,0	1,5	Type 2	24h
TE801324SE15	270	24W fluo	SE	1,5	1,3	Type 2	24h
TE801524SE30	270	24W fluo	SE	3,0	1,3	Type 3	24h
TE801632SE15	400	32W fluo	SE	1,5	1,3	Type 2	24h
TE801832SE30	400	32W fluo	SE	3,0	1,3	Type 3	24h

**SE**



## JOLLY PLUS IP42



Apparecchio predisposto per il funzionamento permanente o non permanente con durata di 1,5 e 3 ore e grado di protezione IP42. È possibile disabilitare, anche permanentemente, la funzione di illuminamento in emergenza (comando di INIBIT).

Emergency luminaire for permanent or non-permanent operation with a duration of 1.5 and 3 hours and IP42 protection degree. It is possible to disable, even permanently, the emergency lighting function (INIBIT command).

Cod.	Lm	replace	Type	h	W-recharge*	Battery	Time recharge
TE803711SA15	180	11W fluo	SA-SE	1,5	1,9-6,8	Type 2	12h
TE803911SA30	180	11W fluo	SA-SE	3,0	1,9-6,8	Type 2	24h
TE804324SA15	270	24W fluo	SA-SE	1,5	1,8-7,1	Type 4	12h
TE804524SA30	270	24W fluo	SA-SE	3,0	1,8-7,1	Type 4	24h
TE813132SA15	320	32W fluo	SA-SE	1,5	1,9-7,2	Type 4	12h
TE813232SA30	320	32W fluo	SA-SE	3,0	1,9-7,2	Type 4	24h

**SA / SE**

\*W-ricarica SE-SA  
\*W-recharge SE-SA



## JOLLY IP65



Apparecchio predisposto per il funzionamento non permanente (SE = solo emergenza) con durata di 1,5 e 3 ore e grado di protezione IP65. È possibile disabilitare, anche permanentemente, la funzione di illuminamento in emergenza (comando di INIBIT).

Emergency luminaire for non-permanent operation (SE = emergency only) with a duration of 1.5 and 3 hours and IP65 protection degree. It is possible to disable, even permanently, the emergency lighting function (INIBIT command).

Cod.	Lm	replace	Type	h	W-recharge	Battery	Time recharge
TE802211SE15	180	11W fluo	SE	1,5	1,5	Type 1	12h
TE802411SE30	180	11W fluo	SE	3,0	1,5	Type 2	24h
TE802824SE15	270	24W fluo	SE	1,5	1,3	Type 2	12h
TE803024SE30	270	24W fluo	SE	3,0	1,3	Type 3	24h
TE803132SE15	400	32W fluo	SE	1,5	1,3	Type 2	12h
TE803332SE30	400	32W fluo	SE	3,0	1,3	Type 3	24h

**SE**



## JOLLY PLUS IP65



Apparecchio predisposto per il funzionamento permanente o non permanente con durata di 1,5 e 3 ore e grado di protezione IP65. È possibile disabilitare, anche permanentemente, la funzione di illuminamento in emergenza (comando di INIBIT).

Emergency luminaire for permanent or non-permanent operation with a duration of 1.5 and 3 hours and IP65 protection degree. It is possible to disable, even permanently, the emergency lighting function (INIBIT command).

Cod.	Lm	replace	Type	h	W-recharge	Battery	Time recharge
TE805211SA15	180	11W fluo	SA/SE	1,5	1,9-6,8	Type 2	12h
TE805411SA30	180	11W fluo	SA/SE	3,0	1,9-6,8	Type 2	24h
TE805824SA15	270	24W fluo	SA/SE	1,5	1,8-7,1	Type 4	12h
TE806024SA30	270	24W fluo	SA/SE	3,0	1,8-7,1	Type 4	24h
TE813332SA15	320	32W fluo	SA/SE	1,5	1,9-7,2	Type 4	12h
TE813432SA30	320	32W fluo	SA/SE	3,0	1,9-7,2	Type 4	24h

**SA / SE**

\*W-ricarica SE-SA  
\*W-recharge SE-SA



## JOLLY PLUS IP65-A



Apparecchio predisposto per il funzionamento permanente o non permanente con durata di 1,5 e 3 ore e grado di protezione IP65. È possibile disabilitare, anche permanentemente, la funzione di illuminamento in emergenza (comando di INIBIT). Funzione di autodiagnosi integrata.

Emergency luminaire for permanent or non-permanent operation with a duration of 1.5 and 3 hours and IP65 protection degree. It is possible to disable, even permanently, the emergency lighting function (INIBIT command). Auto-test function.

Cod.	Lm	replace	Type	h	W-recharge	Battery	Time recharge
TE808211SA15	180	11W fluo	SA/SE	1,5	3,8-5,1	Type 4	12h
TE808411SA30	180	11W fluo	SA/SE	3,0	3,8-5,1	Type 4	24h
TE808824SA15	270	24W fluo	SA/SE	1,5	4,0-5,7	Type 4	12h
TE809024SA30	270	24W fluo	SA/SE	3,0	4,0-5,7	Type 4	24h
TE814132SA15	320	32W fluo	SA/SE	1,5	4,0-6,4	Type 4	12h
TE814232SA30	320	32W fluo	SA/SE	3,0	4,0-6,4	Type 4	24h

**SA / SE**

**AUTOTEST**

\*W-ricarica SE-SA  
\*W-recharge SE-SA



## JOLLY HP IP65



Apparecchio predisposto per il funzionamento permanente o non permanente con durata di 1,5 e 3 ore e grado di protezione IP65. È possibile disabilitare, anche permanentemente, la funzione di illuminamento in emergenza (comando di INIBIT).

Emergency luminaire for permanent or non-permanent operation with a duration of 1.5 and 3 hours and IP65 protection degree. It is possible to disable, even permanently, the emergency lighting function (INIBIT command).

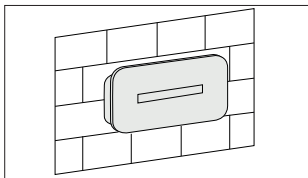
Cod.	Lm	replace	Type	h	W-recharge	Battery	Time recharge
TE818640SA15	420	40W fluo	SA/SE	1,5	1,2-7,9	Type 4	12h
TE818840SA30	420	40W fluo	SA/SE	3,0	1,2-7,9	Type 4	24h
TE823650SA15	680	50W fluo	SA/SE	1,5	3,6-5,5	Type 4	12h
TE823850SA30	680	50W fluo	SA/SE	3,0	3,6-5,5	Type 5	24h
TE823910SA15	1100	100W fluo	SA/SE	1,5	4,5-7,4	Type 4	12h

**SA / SE**

\*W-ricarica SE-SA  
\*W-recharge SE-SA

## INSTALLAZIONE / INSTALLATION

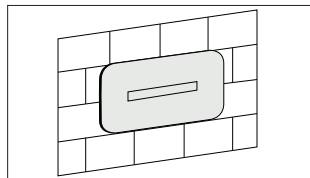
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete

Wall installation

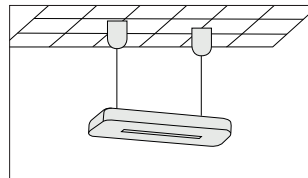
Installazione ad incasso a muro  
Wall recessed installation



Apparecchio adatto per installazione ad incasso a muro (ACC127)

Wall recessed installation (ACC127)

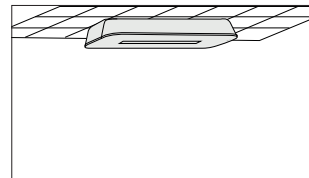
Installazione a sospensione  
Suspension installation



Apparecchio adatto per installazione a sospensione (ACC129)

Suspension installation (ACC129)

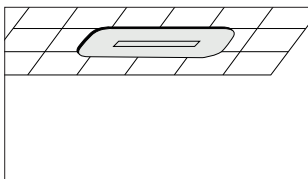
Installazione a soffitto  
Surface mounting installation



Apparecchio adatto per installazione a soffitto.

Surface mounting installation.

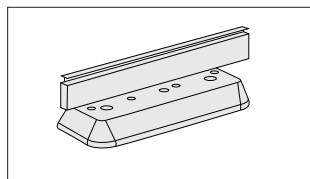
Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso (ACC126)

Installation on plasterboard false ceilings (ACC126)

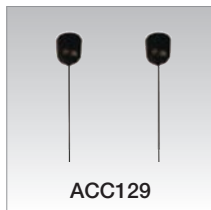
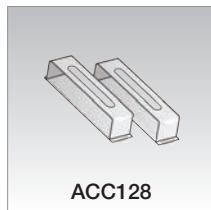
Installazione su barra elettrificata  
Installation on electrified bar



Apparecchio adatto per installazione su barra elettrificata (ACC128)

Installation on electrified bar (ACC128)

## ACCESSORI / ACCESSORIES



**ACC126** Kit staffe per installazione ad incasso per controsoffitti in cartongesso.  
Kit for recessed plasterboard false ceilings installation.

**ACC127** Scatola da incasso per installazione ad incasso parete.  
Recessed box for recessed wall installation.

**ACC128** Kit sospensione per installazione su barra elettrificata.  
Suspension kit for installation on electrified bar.

**ACC129** Kit per installazione a sospensione. Con questo kit la serie Jolly può essere utilizzata come lampada di segnalazione secondo la norma EN1838 – Kit pittogrammi fornito di serie.  
Suspended installation kit. With this kit the Jolly series can be used as a signal lamp according to the EN1838 standard - Pictogram kit supplied as standard.

**ACC154** Pittogramma EXIT  
EXIT pictogram

**ACC155** Pittogramma uscita con freccia a sinistra  
Exit pictogram with left arrow

**ACC156** Pittogramma uscita con freccia a destra  
Exit pictogram with right arrow

**ACC157** Pittogramma uscita con freccia in basso  
Exit pictogram with down arrow



# EVA SE

Apparecchio stagno a led per illuminazione di emergenza e sicurezza predisposto per il funzionamento non permanente con durata di 1 e 3 ore e grado di protezione IP66. Costruito in estrusione di polycarbonato autoestinguente V2, riflettore porta componenti in lamiera preverniciata di colore bianco, tappi di chiusura in polycarbonato con guarnizione silconica, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN / IEC 60598-1:2018.

Emergency and security waterproof led luminaire for permanent or non-permanent operation with a duration of 1 and 3 hours and IP66 protection degree. Extruded V2 auto-extinguishing polycarbonate body, with component support reflector in prepainted white steel and polycarbonate caps with silicone gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cablaggio rapido interno con pressacavo PG13,5.

### Equipment

Surface or suspension clip mounting system included. Internal quick wiring with PG13.5 cable gland.



## CARATTERISTICHE / MAIN FEATURES

LED | CE | 220 V<sub>~</sub> | 240 | -15°C | +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L90-B10 >60.000h | L80-B50 >100.000h |

### Funzionamento / Operation

SE - "Solo emergenza" / "Only emergency"

### Diffusore / Diffuser

Schermo trasparente serigrafato / Screen-printed transparent screen

### Tempo di ricarica / Charging time

12 h

### Autonomia / Autonomy

1 - 3 h

### Batteria / Battery

Tipo 1 = Li-FePO4 6,4V 1,5Ah

Tipo 2 = Li-FePO4 6,4V 3Ah

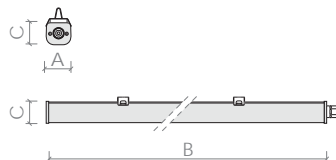
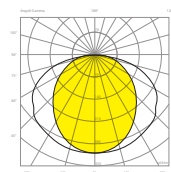
## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	Dimension	+	H	+	Options
2100		SES		4 = 4000°K (CRI >80)		3		1		EL = on/off
		SEA				6		3		CR = ottica concentrante narrow beam optic
		SHA								

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	62	410	62	0,8	0,002	120
<b>D2</b>	62	600	62	0,9	0,003	120
<b>D3</b>	62	710	62	0,9	0,003	120

## FOTOMETRIA / PHOTOMETRY





## Mod. SES



Apparecchio predisposto per il funzionamento non permanente (SE= solo emergenza) con durata di 1 e 3 ore e grado di protezione IP66.

Emergency luminaire for non-permanent operation (SE = emergency only) with a duration of 1 and 3 hours and IP66 protection degree.

Cod.	Lm	Lm (output)	h	W-recharge	Battery	Dimension
2100SES441EL	560	507	1,0	4,0	Type 1	D1
2100SES443EL	560	507	3,0	4,0	Type 2	D1
2100SES461EL	590	532	1,0	4,0	Type 1	D2
2100SES463EL	590	532	3,0	4,0	Type 2	D2

**SE**



## Mod. SEA



Apparecchio predisposto per il funzionamento non permanente (SE= solo emergenza) con durata di 1 e 3 ore e grado di protezione IP66. Funzione di autodiagnosi integrata.

Emergency luminaire for non-permanent operation (SE = emergency only) with a duration of 1 and 3 hours and IP66 protection degree. Auto-test function.

Cod.	Lm	Lm (output)	h	W-recharge	Battery	Dimension
2100SEA441EL	560	507	1,0	4,0	Type 1	D1
2100SEA443EL	560	507	3,0	4,0	Type 2	D1
2100SEA461EL	590	532	1,0	4,0	Type 1	D2
2100SEA463EL	590	532	3,0	4,0	Type 2	D2

**SE**

**AUTOTEST**



## Mod. SHS



Apparecchio predisposto per il funzionamento non permanente (SE= solo emergenza) con durata di 1 e 3 ore e grado di protezione IP66.

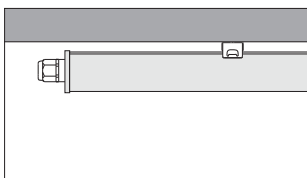
Emergency luminaire for non-permanent operation (SE = emergency only) with a duration of 1 and 3 hours and IP66 protection degree.

Cod.	Lm	Lm (output)	h	W-recharge	Battery	Dimension
2100SHS471EL	1530	1377	1,0	8,0	Type 1	D3
2100SHS473EL	1530	1377	3,0	8,0	Type 2	D3

**SE**

### INSTALLAZIONE / INSTALLATION

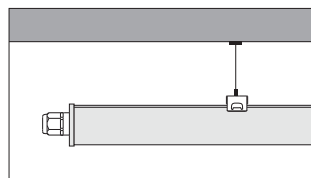
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

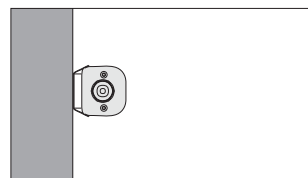
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

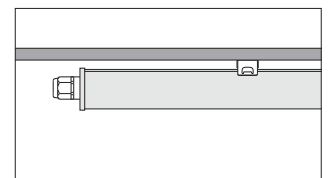
Installazione a parete  
Wall installation



Apparecchio adatto per installazione a parete.

Wall installation.

Installazione a blindosbarra  
Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

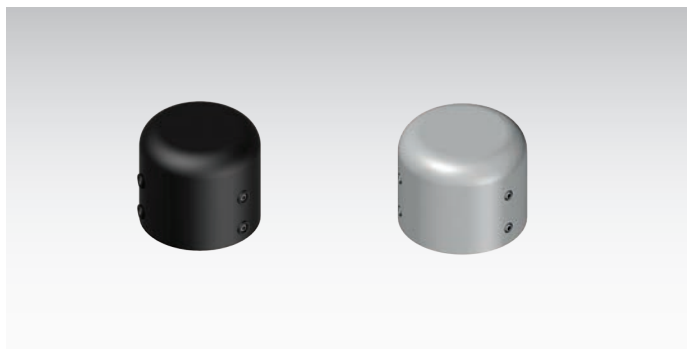




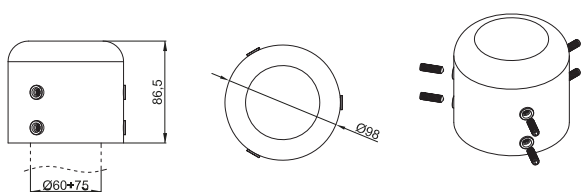
# Accessori

## Accessories

## TAPPO PALO POLE CAP



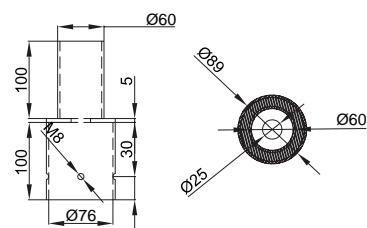
Cod.	Ø (mm)	Finitura/finishing
TAAM6075N060	60÷75	zincatura e verniciatura nera galvanized and black painted
TAAM6075Z060	60÷75	zincatura galvanica galvanic zinc coating



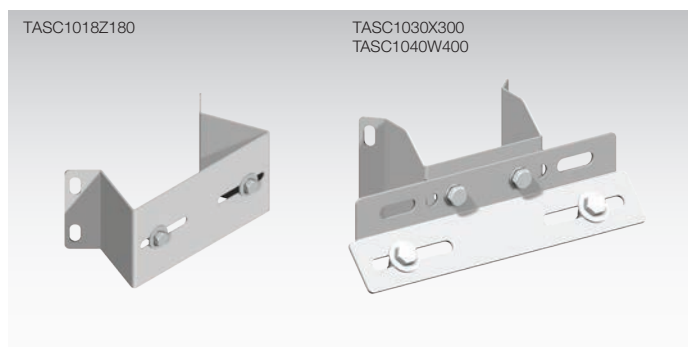
## CODOLO DI RIDUZIONE REDUCTION SHAFT



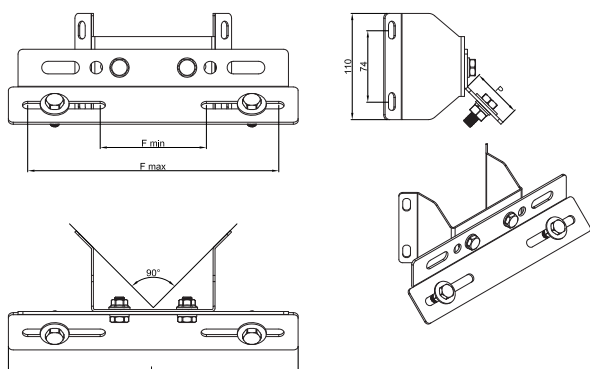
Cod.	Ø (mm)	Kg	Finitura/finishing
TACDC60E76ZC	76 → 60	1,03	zincatura a caldo hot-dip galvanized



## ATTACCO ANGOLARE A PARETE WALL CORNER BRACKET FOR FLOODLIGHTS



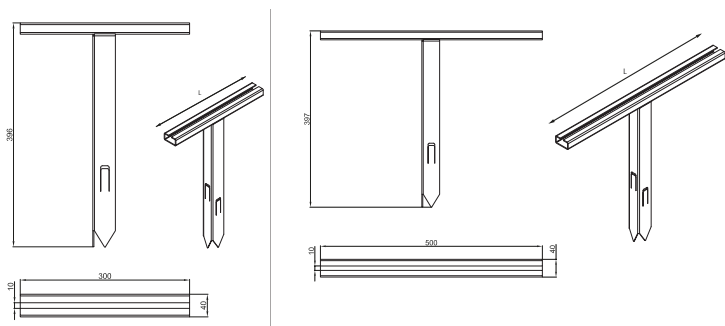
Cod.	Type	L (mm)	Finitura/finishing
TASC1018Z180	angolo parete wall corner	180	zincatura galvanica galvanic galvanized
TASC1030X300	angolo parete wall corner	300	acciaio inox AISI 304 AISI 304 stainless steel
TASC1040W400	angolo parete wall corner	400	zincatura a caldo hot-dip galvanized



## PICCHETTO PICKET



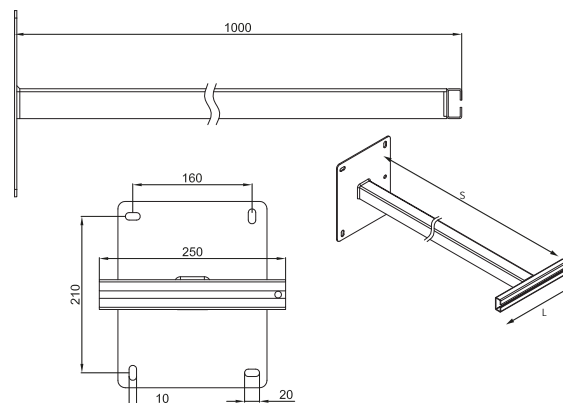
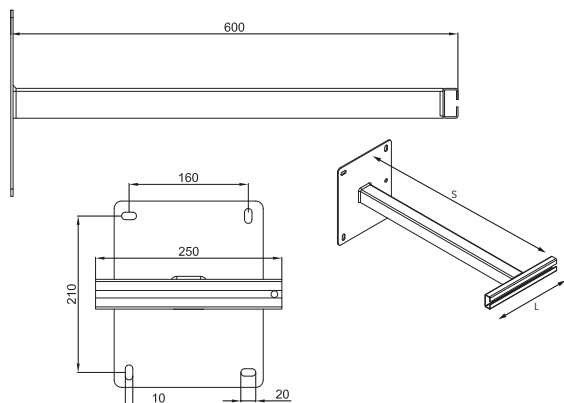
Cod.	L (mm)	Finitura/finishing
TAE17416Z160	160	zincatura galvanica galvanic zinc coating
TAE17431Z300	300	zincatura galvanica galvanic zinc coating
TAE17441Z400	400	zincatura galvanica galvanic zinc coating



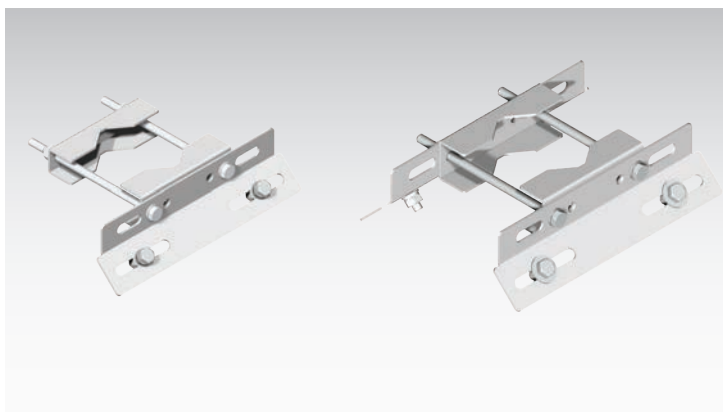
## STAFFA A SBRACCIO OUTREACH BRACKET



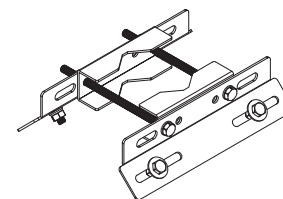
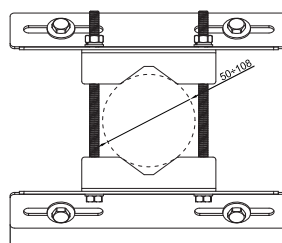
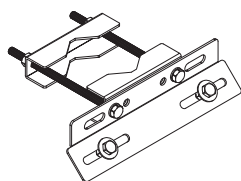
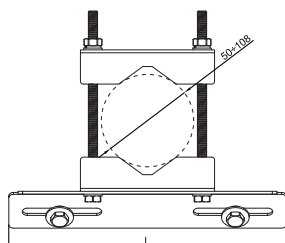
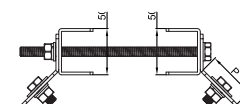
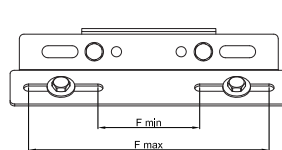
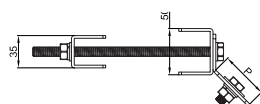
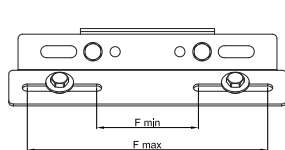
Cod.	Type	S(mm)	L (mm)	Finitura/finishing
TAAS0620W060	a parete wall	600	200	zincatura a caldo hot-dip galvanized
TAAS0630W060	a parete wall	600	300	zincatura a caldo hot-dip galvanized
TAAS0640W060	a parete wall	600	400	zincatura a caldo hot-dip galvanized
TAAS1020W100	a parete wall	1000	200	zincatura a caldo hot-dip galvanized
TAAS1030W100	a parete wall	1000	300	zincatura a caldo hot-dip galvanized
TAAS1040W100	a parete wall	1000	400	zincatura a caldo hot-dip galvanized



## ATTACCO MEZZO PALO PER STAFFA HALF-POLE BRACKET



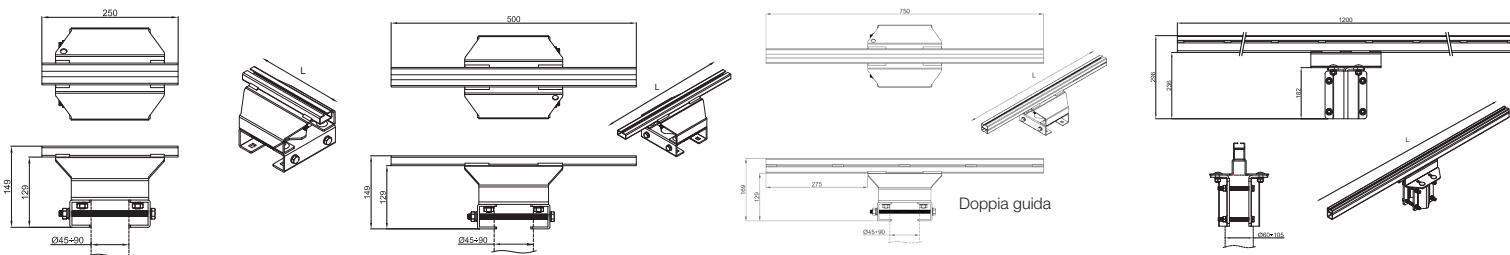
Cod.	Ø (mm)	Type	L (mm)	Finitura/finishing
TAAD1123X230	60÷105	singola single	230	acciaio inox AISI 304 AISI 304 stainless steel
TAAD1130X300	60÷105	singola single	300	acciaio inox AISI 304 AISI 304 stainless steel
TAAD1140X400	60÷105	singola single	400	acciaio inox AISI 304 AISI 304 stainless steel
TAAD1223X230	60÷105	doppia double	230	acciaio inox AISI 304 AISI 304 stainless steel
TAAD1230X300	60÷105	doppia double	300	acciaio inox AISI 304 AISI 304 stainless steel
TAAD1240W400	60÷105	doppia double	400	acciaio inox AISI 304 AISI 304 stainless steel



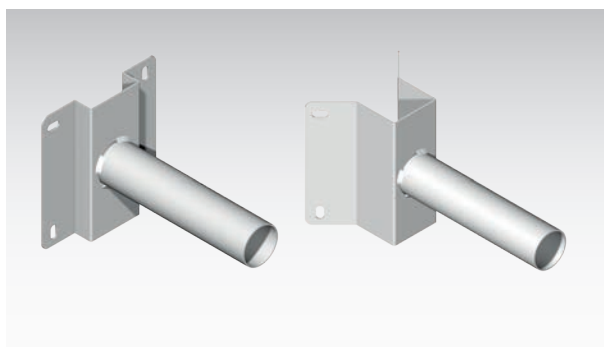
## TRAVERSA PALO A "T" FLOODLIGHTS "T" BRACKETS



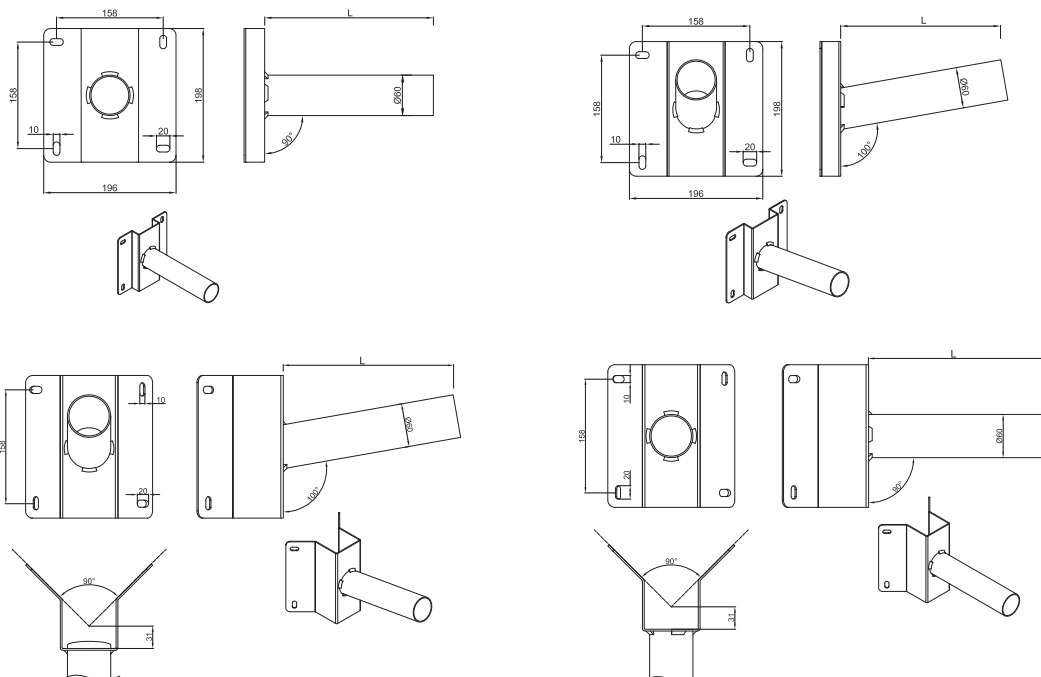
Cod.	Ø (mm)	Type	L (mm)	Finitura/finishing
TAAT0239W023	45±90	singola single	230	zincatura a caldo hot-dip galvanized
TAAT0509W050	45±90	singola single	500	zincatura a caldo hot-dip galvanized
TAAT0759W075	45±90	doppia double	750	zincatura a caldo hot-dip galvanized
TAAT1208W120	60±105	singola single	1200	zincatura a caldo hot-dip galvanized



## ATTACCO A PARETE PER ARMATURE STRADALI WALL BRACKET FOR STREET LIGHTS



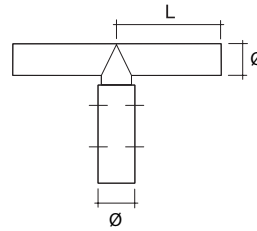
Cod.	Type	Ø (mm)	β	L (mm)	Finitura/finishing
TASB4000W259	a parete wall	60	90°	250	zincatura a caldo hot-dip galvanized
TASB4010W251	a parete wall	60	100°	250	zincatura a caldo hot-dip galvanized
TASB4090W500	a parete wall	60	-	500	zincatura a caldo hot-dip galvanized
TASB4100W259	angolo parete wall corner	60	90°	250	zincatura a caldo hot-dip galvanized
TASB4110W251	angolo parete wall corner	60	100°	250	zincatura a caldo hot-dip galvanized



**ATTACCO TESTA PALO DOPPIO**  
**DOUBLE TOP-POLE BRACKET**



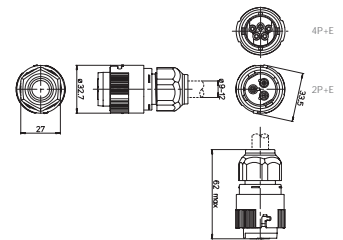
Cod.	Ø (mm)	Type	L (mm)	Finitura/finishing
TAAP43120ZC6	60	doppio double	250	zincatura a caldo hot-dip galvanized



**KIT CONNETTORI RAPIDI 2P+T IP66 (SPINA/PRESA)**  
**IP66 RAPID CONNECTOR 2P+E KIT (SOCKET/PLUG)**

- Connettore spina + presa per cavi diametro 9-12mm e sezione 1-2,5mm<sup>2</sup>. Corrente e tensione nominale di 16A - 250V e grado di protezione IP66. Corpo in poliammide grigio chiaro o nero.

- Plug + socket connector for 9-12mm diameter, 1-2,5mm<sup>2</sup> section wire. Rated current and voltage 16A - 250V, protection index IP66. Light grey or black polyamide body.



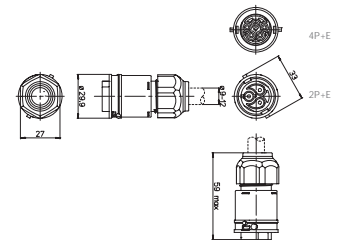
Cod.	IP	mm <sup>2</sup>	Poli/poles	A / V	color
ACC068	66	1-2,5	2P+E	16A/250V	Grigio / Grey
ACC069	66	1-2,5	2P+E	16A/400V	Nero / Black



**KIT CONNETTORI RAPIDI 4P+T IP66 (SPINA/PRESA)**  
**IP66 RAPID CONNECTOR 4P+E KIT (SOCKET/PLUG)**

- Connettore spina + presa per cavi diametro 9-12mm e sezione 1-2,5mm<sup>2</sup>. Corrente e tensione nominale di 16A - 250V e grado di protezione IP66. Corpo in poliammide grigio chiaro o nero.

- Plug + socket connector for 9-12mm diameter, 1-2,5mm<sup>2</sup> section wire. Rated current and voltage 16A - 250V, protection index IP66. Light grey or black polyamide body.



Cod.	IP	mm <sup>2</sup>	Poli/poles	A / V	color
ACC070	66	1-2,5	4P+E	16A/400V	Grigio / Grey
ACC071	66	1-2,5	4P+E	16A/400V	Nero / Black







# Phase Out

## Uffici / Offices



art. 1221



art. 1870



art. 1821



art. 1852



art. 1871



art. 1851



art. 1811



art. 1811



art. 3010



art. 2042

## Proiettori / Floodlights



art. 7023



art. 8060



art. 8094



art. 8096



art. 8097



art. 8099



art. 8030



art. 8035



art. 8031/PS



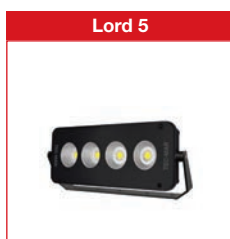
art. 8031/PS



art. 8032/PS



art. 8032/PS



art. 8055



art. 8056



art. 8057



art. 8059



art. 8040



art. 8041



art. 8042



art. 8043



art. 8044



art. 8045

## Industria / Industry



art. 2097



art. 2095



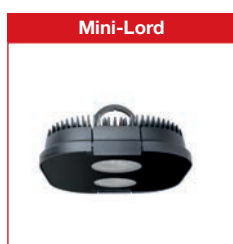
art. 2055



art. 2027



art. 8094



art. 8035



art. 8035



art. 8042



art. 8043



art. 8046



art. 8200



art. 8020



art. 8021

## Stradali / Street



art. 9011



art. 9013



art. 9001



art. 9002



art. 9003



art. 9004



art. 9009



art. 9010

## Speciali / Special



art. 2082



art. 9000



art. 9000

Glossario  
Glossary

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8.5	Glossario accessori	<b>620</b>
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8.7	Product index	<b>635</b>



## Tabella compatibilità chimica / Chemical compatibility table

COMPOSTO CHIMICO	CHEMICAL COMPOUND	PMMA	PC	PA	PVC	ALLUMINIO	ACCIAIO
Acetone	Acetone	■	■	■	■	■	■
Acido arsenico al 20%	Arsenic acid 20%	■	■	■	■	■	■
Acido citrico al 20%	Citric acid 20%	■	■	■	■	■	■
Acido acetico al 10%	Hydrochloric acid 10%	■	■	■	■	■	■
Acido cloridrico	Chloric acid	■	■	■	■	■	■
Acido cromico	Chromic acid	■	■	■	■	■	■
Acido formico fino al 30%	Formic acid up to 30%	■	■	■	■	■	■
Acido nitrico al 20%	Nitric acid 20%	■	■	■	■	■	■
Acido solforico fino al 30%	Sulphuric acid up to 30%	■	■	■	■	■	■
Acqua di mare	Salt water	■	■	■	■	■	■
Alcool etilico	Ethyl alcohol	■	■	■	■	■	■
Alcool isopropilico	Isopropyl alcohol	■	■	■	■	■	■
Anilina	Aniline	■	■	■	■	■	■
Ammoniaca	Ammonia	■	■	■	■	■	■
Benzina	Benzine	■	■	■	■	■	■
Benzina super	High grade fuel	■	■	■	■	■	■
Benzolo	Benzol	■	■	■	■	■	■
Bevande alcoliche	Alcoholic drinks	■	■	■	■	■	■
Bromo	Bromine	■	■	■	■	■	■
Calce bianca	White lime	■	■	■	■	■	■
Carburanti diesel	Diesel fuel	■	■	■	■	■	■
Clima marino	Marine climate	■	■	■	■	■	■
Cloroformio	Chloroform	■	■	■	■	■	■
Cloro liquido (vapori)	Liquid chlorine (vapours)	■	■	■	■	■	■
Cloruro di calcio	Calcium chlorine	■	■	■	■	■	■
Cloruro ferrico	Ferric chlorine	■	■	■	■	■	■
Esano	Hexane	■	■	■	■	■	■
Etiletere	Ethylether	■	■	■	■	■	■
Fenoli	Phenols	■	■	■	■	■	■
Glicerina	Glycerol	■	■	■	■	■	■
Idrocarburi	Hydrocarbons	■	■	■	■	■	■
Metanolo	Methanol	■	■	■	■	■	■
Oli minerali	Mineral oils	■	■	■	■	■	■
Olio di silicone	Silicone oil	■	■	■	■	■	■
olio diesel-nafta	Diesel oil	■	■	■	■	■	■
Olio e grassi alimentari	Oil and food fats	■	■	■	■	■	■
Ozono	Ozone	■	■	■	■	■	■
Permanganato di potassio	Potassium permanganate	■	■	■	■	■	■
PVC con plastificanti	PVC with plasticizers	■	■	■	■	■	■
Soda	Soda	■	■	■	■	■	■
Solfato acquoso di zinco	Watery zinc sulphate	■	■	■	■	■	■
Solfato di alluminio	Aluminium sulphate	■	■	■	■	■	■
Solfato di rame	Copper sulphate	■	■	■	■	■	■
Tetracloruro di carbonio	Carbon tetrachloride	■	■	■	■	■	■
Toluolo	Toluene	■	■	■	■	■	■
Tricloroetilene	Trichloroethylene	■	■	■	■	■	■

**Resistente** ■ **Resistente relativamente** ■ **Non resistente** ■  
**Resistant** ■ **Resistant relatively** ■ **Not resistant** ■

I prodotti chimici della tabella sopraelencata sono solo una minima parte di quelli esistenti e nelle diverse composizioni. Verificare la compatibilità tra i materiali dei componenti l'ambiente d'installazione. Possono esserci delle variazioni nella compatibilità tra materiale e prodotto chimico in base alla concentrazione nell'aria dello stesso e alla temperatura ambiente. Non effettuare la pulizia dei prodotti con soluzioni contenenti tricloroetilene, percloroetilene o solventi.

Chemical products shown in the table are only a small part of existing compounds and of the possible compositions. Check for compatibility between materials and chemical products can be observed depending on concentration and temperature. Avoid all trichloroethylene, perchloroethylene or solvent-type products.





## Prestazioni apparecchi in emergenza / Emergency performance

<b>ARTICOLO / PRODUCT</b>	<b>Lm</b>	<b>ARTICOLO / PRODUCT</b>	<b>Lm</b>	<b>ARTICOLO / PRODUCT</b>	<b>Lm</b>
1100 VENEZIA	980	2020 DIAMANTE	980	7027 POLAR 2 (MULTILED)	1600
1105 IMPERIA	780	2025 SQUARE	980	7028 POLAR 3 (COB)	1600
1110 VERONA	980	2026 LEDBAY	980	7028 POLAR 3 (MULTILED)	
1120-LED DARK-LED	980	2028 CUBIC	980	7029 POLAR 4 (COB)	1600
1120-LED DARK-LED IP65	980	2043 ENEA	980	7029 POLAR 4 (MULTILED)	1600
1120-LED DARK-LED 2 IP65	980	2045 CORAL	980	7030 POLAR HP	1600
1122 DARK-LED HP	980	2049 TOPAZIO HT	980	8031 LORD PR	1600
1160 SIRACUSA	980	2050 TOPAZIO	980	8031 LORD SU	1600
1161 ZEN	980	2051 TITAN	980	8032 LORD 4 PR	1600
1210 ANCONA	980	2052 MINERVA INOX	980	8032 LORD 4 SU	1600
1212 TAI	980	2053 DEA 4	980	8033 LORD 3	1600
1225 SUNSET	980	2054 DEA 3	980	8036 LORD 2 PR	1600
1226 LISBONA	980	2056 DEA	980	8036 LORD 2 SU	1600
1800 TOKIO	980	2057 UNICA 2	980	8036 LORD ROAD	1600
1809 LEILA	700	2058 MINERVA	980	8037 LORD HP PR	1600
1810 DIANA	980	2059 DEA 2	980	8037 LORD HP SU	1600
1810 DIANA HP	980	2065 FORMA	980	8095 PRINCE PR	1600
1810 DIANA IP55	980	2080 ARGO	1100	8095 PRINCE SU	1600
1810 DIANA HP IP55	980	2084 DANTE	1100	8098 PRINCE 4 PR	1600
1810 DIANA 2 IP55	980	2083 BOTERO	1100	8098 PRINCE 4 SU	1600
1810 DIANA 2 HP IP55	980	2098 DENVER	980	8100 SPIDERLED	1400
1810 DIANA IP65	980	2099 FLEX	980	8110 SPIDERLED 2	1400
1810 DIANA 2 IP65	980	2100 EVA	980	8132 LORD HT	1600
1811 QUEEN IP55	980	2101 EVA HP	980	8137 LORD 6	1600
1811 QUEEN HP IP55	980	2152 MINERVA INOX 2	980	8201 MAVIC	1450
1811 QUEEN IP65	980	2156 DEA HP	980	8300 CLUB	1450
1820 VERA	980	2058 MINERVA	980	8301 CLUB HP	1450
1850 TECLA	980	2158 MINERVA 2	980	8400 PIER	1600
1853 CAPRI	980	2196 MODULO	980	8401 PIER HP	1600
1880 TESSA	980	3001 GIOTTO	980	8402 PIER SP	1500
1881 AURORA	980	3010 CRETA	980	8404 PIER HP2	1600
1891 DAMA	980	3020 ISA	980	8405 PIER HP6	1600
2000 RIO 1	980	3021 PARIS	980		
2001 RIO 2	980	6001 STELLA	780		
2002 DIVA	980	6002 EOS	780		
2005 GEMMA	780	6005 LUNA	780		
2006 NAIROBI	700	6006 QUADRO	780		
2011 BLANCA	980	7010 BALTIC	400		
2012 SIERRA	980	7011 BALTIC 2	860		
2013 BLANCA HP	980	7027 POLAR 2 (COB)	780		

## Simboli / Symbols



### Grado di protezione

Il grado di protezione "IP" (International Protection) è la resistenza dell'apparecchio alla penetrazione di corpi solidi e liquidi; essa è composta da 2 cifre, ove la prima indica la protezione dalla penetrazione di corpi solidi e la seconda da quella di corpi liquidi.

	Protetto contro la penetrazione di corpi solidi $\phi >$ di 12mm e non protetto ai liquidi. Protection against penetration of solid parts $\phi >$ 12mm and no protection against from liquids.
	Protetto contro la penetrazione di corpi solidi $\phi >$ di 1mm e non protetto contro ai liquidi. Protection against solid parts $\phi >$ 1mm and no protection against liquids.
	Protetto contro la penetrazione di corpi solidi $\phi >$ di 1mm e contro gli spruzzi d'acqua. Protection against from solid parts $\phi >$ 1mm and protection against splashing of water.
	Protetto contro la penetrazione della polvere e contro gli spruzzi d'acqua. Dust protection and protection against splashing of water.


### Grado di impatto IK

Il grado di protezione contro gli impatti meccanici esterni è definito dal coefficiente IK, secondo la norma EN 50102. Esso determina la resistenza meccanica agli urti degli involucri.

	Protetto contro l'energia d'urto di 0,7 J. Resistant to the impact energy of 0,7 J.
	Protetto contro l'energia d'urto di 2 J. Resistant to the impact energy of 2 J.

### Classi di isolamento

Le classi di isolamento elettrico sono il raggruppamento omogeneo definito dall'IEC (International Electrotechnical Commission) delle caratteristiche tecniche applicabili ad un dispositivo elettrico per limitare i rischi di folgorazione conseguenti ad un guasto dello stesso.

	Apparecchio provvisto di messa a terra, isolamento Classe 1. Earth connection and CLASS I insulation fixture.
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### Resistenza al filo incandescente

Grado di resistenza dell'apparecchio alle sollecitazioni termiche che potrebbero avere origine da fonti di calore: verificato tramite la prova del filo incandescente, al fine di valutare i rischi di incendio.





	Apparecchio resistente al filo incandescente a 650°. Fixtures resistant to the Glow-wire test at 650°.
	Apparecchio resistente al filo incandescente a 960°. Fixtures resistant to the Glow-wire test at 960°.

## Certificazioni / Certifications

	Marchio IMQ: apparecchio approvato dall'istituto italiano del marchio di qualità. Apparecchio conforme alle direttive di sicurezza CEI 34.21, EN 60598.1. IMQ approved: fixture approved by the Italian Institute of Quality mark and compliant with the CEI 34.21, EN 60598.1 safety rules.
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### Protection Degree

The IP (International protection) rate classifies and rates the degree of protection provided by the fixture against intrusion, dust, accidental contact and water. It is made of 2 digits: the first indicates the protection against solid parts and the second against liquids.

	Protetto contro la penetrazione della polvere e contro i getti d'acqua. Dust protection and protection against water jets.
	Stagno alla penetrazione della polvere e protetto contro i getti d'acqua. Dust-tight and protection against water jets.
	Stagno alla penetrazione della polvere e protetto contro le ondate. Dust-tight and protection against powerful water jets.
	Protetto contro la penetrazione della polvere e contro gli effetti delle immersioni. Dust-tight and protection against immersion (up to 1 meter depth).


### Degree of impact IK

The degree of protection from external mechanical impacts is defined by IK, according to EN 50102. It determines the casings mechanical resistance to impacts.

	Protetto contro l'energia d'urto di 5 J. Resistant to the impact energy of 5 J.
	Protetto contro l'energia d'urto di 20 J. Resistant to the impact energy of 20 J.


### Insulation classes


The electrical insulation classes are defined by the IEC (International Electrotechnical Commission) and are specified as a homogeneous group of technical characteristics applicable to an electrical device to limit the risk of electrocution resulting from a failure of the same.

	Apparecchio Classe II (doppio isolamento). Non necessita di messa a terra. Class II (double insulation) fixture. Does not require hearth connection.
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### Insulation classes

Degree of resistance to thermal stresses that could originate from heat sources: verified by Glow-wore test, in order to assess the risks of fire.

	Apparecchio resistente al filo incandescente a 850°. Fixtures resistant to the Glow-wire test at 850°.
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	UGR <25 in ambienti fino a 300 lux medi. UGR <25 in environments up to 300 lux average.
--	---


	UGR <22 in ambienti fino a 300 lux medi. UGR <22 in environments up to 300 lux average.
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	UGR <19 in ambienti fino a 500 lux medi. UGR <19 in environments up to 500 lux average.
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	UGR <16 in ambienti fino a 500 lux medi. UGR <16 in environments up to 500 lux average.
---	---

	Staffa di rotazione a 270°. Rotation bracket at 270°.
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	Codice colore RAL del prodotto. RAL color number of product.
---	--

	Mantenimento del flusso luminoso dopo le ore indicate. Lumen maintenance after the indicated hours.
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	Protezione contro le scariche elettriche fino a 10kV. Surge protection discharges up to 10kV.
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	Indice di resa cromatica. Color Rendering Index.
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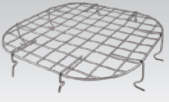
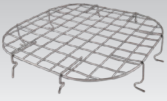



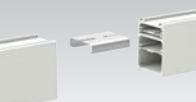











## Glossario codici opzionali / Optional code glossary

Options	Descrizione	Description	
<b>EL</b> on/off	<b>GL</b> on/off	Codice apparecchio standard ON/OFF	Standard ON/OFF fixture
<b>LM</b> 1-10V	<b>GM</b> 1-10V	Apparecchio con driver integrato 1-10V dimmerabile tramite dimmer 1-10V. Su richiesta per modelli da ufficio dimmerazione Push.	Fixture with integrated 1-10V dimmable driver. Push-dimming available upon request for office fixture only.
<b>LD</b> dali	<b>GD</b> dali	Apparecchio con driver integrato DALI dimmerabile tramite sistema DALI o apposito dimmer. Su richiesta per modelli da ufficio dimmerazione Push.	Fixture with integrated DALI dimmable driver. Dimming by DALI system or special dimmer. Push-dimming available upon request for office fixture only.
<b>E1</b> em. 1h	<b>G1</b> em. 1h	Apparecchio con kit di emergenza integrata con autonomia 1h. Per modelli industriali o proiettori il kit è composto da un box stagno esterno.	Luminary with integrated 1h emergency kit. For industrial fixtures or floodlights the kit is an external waterproof box.
<b>E3</b> em. 3h	<b>G3</b> em. 3h	Apparecchio con kit di emergenza integrata con autonomia 3h. Per modelli industriali o proiettori il kit è composto da un box stagno esterno.	Luminary with integrated 3h emergency kit. For industrial fixtures or floodlights the kit is an external waterproof box.
<b>M1</b> 1-10V + em.1h		Apparecchio con kit driver integrato 1-10V dimmerabile e kit emergenza autonomia 1h. Per armature industriali o proiettori il kit è composto da un box stagno esterno.	Luminary with integrated 1-10V dimmable driver and 1h emergency kit. For industrial fixtures or floodlights the kit is an external waterproof box.
<b>D1</b> dali + em.1h		Apparecchio con kit driver integrato DALI dimmerabile e kit emergenza autonomia 1h. Per armature industriali o proiettori il kit è composto da un box stagno esterno.	Luminary with integrated DALI dimmable driver and 1h emergency kit. For industrial fixtures or floodlights the kit is an external waterproof box.
<b>M3</b> 1-10V + em.3h		Apparecchio con kit driver integrato 1-10V dimmerabile e kit emergenza autonomia 3h. Per armature industriali o proiettori il kit è composto da un box stagno esterno.	Luminary with integrated 1-10V dimmable driver and 3h emergency kit. For industrial fixtures or floodlights the kit is an external waterproof box.
<b>D3</b> dali + em.3h		Apparecchio con kit driver integrato DALI dimmerabile e kit emergenza autonomia 3h. Per armature industriali o proiettori il kit è composto da un box stagno esterno.	Luminary with integrated DALI dimmable driver and 3h emergency kit. For industrial fixtures or floodlights the kit is an external waterproof box.
<b>ER</b> remote driver	<b>GR</b> remote driver	Proiettore da esterno con driver remoto. Box driver separato.	Outdoor fixture with remote driver. Driver box separate.
<b>1R</b> remote driver 1-10V		Proiettore da esterno con driver 1-10V remoto. Box driver separato.	Outdoor fixture with 1-10V remote driver. Driver box separate.
<b>DR</b> remote driver DALI		Proiettore da esterno con driver DALI remoto. Box driver separato.	Outdoor fixture with DALI remote driver. Driver box separate.
<b>FC</b> fila continua		Apparecchio predisposto per le fila continue con cablaggio passante interno a 5 fili da 1,5mm <sup>2</sup> e connettori stagni rapidi per connessione entra-esci.	Luminary designed for continuous lines with internal 5-wire 1,5mm <sup>2</sup> pass-through cables and waterproof fast connectors for in-out connection.
<b>VI</b> vetro infrangibile	<b>GV</b> vetro infrangibile	Apparecchio con vetro temperato 4mm accoppiato con pellicola speciale infrangibile per garantire la tenuta in posizione del vetro in caso di rottura.	Luminary with 4mm tempered glass protected with special unbreakable film to guarantee a safe break.
<b>IC</b> ice -30°		Apparecchio stagno predisposto con speciale pressacavo con valvola di sfiato anticondensa per installazione a basse temperature fino a -30°C.	Waterproof fixture with special cable gland with anti-condensation vent valve for installation at low temperatures (down to -30° C).
<b>MD</b> mezzanotte virtuale	<b>MG</b> mezzanotte virtuale	Apparecchio munito di driver integrato per la gestione automatica della dimmerazione mediante mezzanotte virtuale.	Fixture equipped with integrated driver for automatic dimming management (virtual midnight).
<b>G4</b> driver 400Vac		Apparecchio con driver on/off con ingresso a 400Vac.	Fixture with 400Vac on/off driver.
<b>VA</b> vetro acidato	<b>GA</b> vetro acidato	Apparecchio con vetro temperato 4mm con lavorazione di acidatura nella parte ottica.	Luminary with 4mm tempered glass with acid etching in the optical part.
<b>CR</b> connettore rapido		Apparecchio predisposto con connettore rapido IP66	Luminary designed with IP66 rapid connector.
<b>IN</b> clip inox		Apparecchio predisposto con clip di chiusura in acciaio inox.	Luminary designed with stainless steel closing clips.



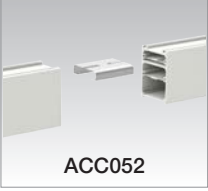















## Glossario accessori / Accessories glossary

 <p><b>ACC001</b></p>	<p>Cornice 320x620mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso.</p>	<p>Frame for recessed installation in plasterboard ceiling. Brackets included. 320x620mm.</p>	 <p><b>ACC002</b></p>	<p>Cornice 620x620mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso.</p>	<p>Frame for recessed installation in plasterboard ceiling. Brackets included. 620x620mm.</p>
 <p><b>ACC003</b></p>	<p>Cornice 320x1220mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso.</p>	<p>Frame for recessed installation in plasterboard ceiling. Brackets included. 320x1220mm.</p>	 <p><b>ACC004</b></p>	<p>Cornice 620x1220mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso.</p>	<p>Frame for recessed installation in plasterboard ceiling. Brackets included. 620x1220mm.</p>
 <p><b>ACC005</b></p>	<p>Cornice 320x1520mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso.</p>	<p>Frame for recessed installation in plasterboard ceiling. Brackets included. 320x1520mm.</p>	 <p><b>ACC006</b></p>	<p>Kit completo di 4 cavi d'acciaio lunghezza 1500 mm e rosone di cablaggio per installazione a sospensione.</p>	<p>Suspended installation kit, including: 4 steel 1500 mm length cables; wiring rose.</p>
 <p><b>ACC007</b></p>	<p>Kit completo di 2 cavi d'acciaio lunghezza 1500 mm per installazione a sospensione.</p>	<p>Suspended installation kit, including: 2 steel 1500 mm length cables.</p>	 <p><b>ACC008</b></p>	<p>Kit completo di 2 cavi d'acciaio lunghezza 3000 mm per installazione a sospensione.</p>	<p>Suspended installation kit, including: 2 steel 3000 mm length cables.</p>
 <p><b>ACC009</b></p>	<p>Kit completo di 2 cavi d'acciaio lunghezza 6000 mm per installazione a sospensione.</p>	<p>Suspended installation kit, including: 2 steel 6000 mm length cables.</p>	 <p><b>ACC011</b></p>	<p>Picchetto per installazione diretta a terra per serie MICRO.</p>	<p>Ground installation picket for MICRO serie.</p>
 <p><b>ACC017</b></p>	<p>Sensore di presenza e luminosità autonomo DALI ad incasso.</p>	<p>Recessed DALI presence and light sensor.</p>	 <p><b>ACC018</b></p>	<p>Sensore a plafone di presenza e luminosità autonomo DALI.</p>	<p>Surface mounted DALI presence and light sensor.</p>
 <p><b>ACC019</b></p>	<p>Sensore industriale di presenza e luminosità autonomo DALI.</p>	<p>Industrial DALI presence and light sensor.</p>	 <p><b>ACC021</b></p>	<p>Elemento di connessione lineare</p>	<p>Linear joint</p>
 <p><b>ACC022</b></p>	<p>Elemento di connessione a "L"</p>	<p>L joint</p>	 <p><b>ACC023</b></p>	<p>Elemento di connessione a "T"</p>	<p>T joint</p>
 <p><b>ACC024</b></p>	<p>Terminale di chiusura "chiuso"</p>	<p>"Closed" closing terminal</p>	 <p><b>ACC025</b></p>	<p>Terminale di chiusura "con un foro"</p>	<p>"One hole" closing terminal</p>



















## Glossario accessori / Accessories glossary

 <p><b>ACC026</b></p>	<p>Terminale di chiusura "con due fori" "Two holes" closing terminal</p>	<p>2098 2099 2196</p>	 <p><b>ACC030</b></p>	<p>Griglia di protezione 300 x 385 mm 300 x 385 mm protection grid</p>	<p>8036 8037</p>
 <p><b>ACC031</b></p>	<p>Griglia di protezione 385 x 385 mm 385 x 385 mm protection grid</p>	<p>8031 8032 8033 8132 8137</p>	 <p><b>ACC035</b></p>	<p>Telecomando per sensori da ufficio (opzionale) Remote control for office sensors (optional)</p>	
 <p><b>ACC036</b></p>	<p>Telecomando per sensori industriali (opzionale) Remote control for industrial sensors (optional)</p>		 <p><b>ACC037</b></p>	<p>Cornice per installazione a plafone Frame for ceiling installation</p>	<p>1809</p>
 <p><b>ACC038</b></p>	<p>Giunto lineare Linear junction</p>	<p>2065</p>	 <p><b>ACC039</b></p>	<p>Tappo di chiusura Closing cap</p>	<p>2065</p>
 <p><b>ACC040</b></p>	<p>Diffusore opale in bobina (al metro) Opal diffuser in coil (at meter)</p>	<p>2000 2001 2002</p>	 <p><b>ACC041</b></p>	<p>Diffusore microprismatizzata in bobina (al metro) Microprismatic diffuser in coil (at meter)</p>	<p>2000 2001 2002</p>
 <p><b>ACC042</b></p>	<p>Diffusore opale in lastra da 560mm Opal diffuser in 560mm sheet</p>	<p>2000 2001 2002</p>	 <p><b>ACC043</b></p>	<p>Diffusore opale in lastra da 1120mm Opal diffuser in 1120mm sheet</p>	<p>2000 2001 2002</p>
 <p><b>ACC044</b></p>	<p>Diffusore opale in lastra da 1400mm Opal diffuser in 1400mm sheet</p>	<p>2000 2001 2002</p>	 <p><b>ACC045</b></p>	<p>Diffusore microprismatizzata in lastra da 560mm Microprismatic diffuser in 560mm sheet</p>	<p>2000 2001 2002</p>
 <p><b>ACC046</b></p>	<p>Diffusore microprismatizzata in lastra da 1120mm Microprismatic diffuser in 1120mm sheet</p>	<p>2000 2001 2002</p>	 <p><b>ACC047</b></p>	<p>Diffusore microprismatizzata in lastra da 1400mm Microprismatic diffuser in 1400mm sheet</p>	<p>2000 2001 2002</p>
 <p><b>ACC048</b></p>	<p>Tappo di chiusura per installazione fino a 6m Closing cap for installation up to 6m</p>	<p>2000</p>	 <p><b>ACC049</b></p>	<p>Tappo di chiusura verniciato bianco White painted closing cap</p>	<p>2001</p>

## Glossario accessori / Accessories glossary







	Tappo di chiusura per installazione superiori ai 6m Closing cup for installation longer than 6m	2000		Tappo di chiusura per installazione superiori ai 6m Closing cup for installation longer than 6m	2001
	Giunto lineare Linear junction	2002		Cornice per incasso Frame for recessed	8095 8098
	Kit staffe per installazione a plafone (silver RAL 9006) Surface mounting kit (silver RAL 9006)	8036 8037 8400 8401		Kit staffe per installazione a plafone (antracite RAL 7015) Surface mounting kit (anthracite RAL 7015)	8036 8037
	Kit staffe per installazione a blindo sbarra (silver RAL 9006) Busbar mounting kit (silver RAL 9006)	8036 8037 8400 8401		Kit staffe per installazione a blindo sbarra (antracite RAL 7015) Busbar mounting kit (anthracite RAL 7015)	8036 8037
	Kit staffe per installazione a plafone (silver RAL 9006) Surface mounting kit (silver RAL 9006)	8031 8032 8132 8137 8110 8402 8403 8405		Kit staffe per installazione a plafone (antracite RAL 7015) Surface mounting kit (anthracite RAL 7015)	8031 8032 8132 8137 8110
	Kit staffe per installazione a blindo sbarra (silver RAL 9006) Busbar mounting kit (silver RAL 9006)	8031 8032 8132 8137 8110 8402 8403 8405		Kit staffe per installazione a blindo sbarra (antracite RAL 7015) Busbar mounting kit (anthracite RAL 7015)	8031 8032 8132 8137 8110
	Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.	9007 9008 9005 9006 9012 9014 9015 9016		Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm Streetlights double half-pole bracket, silver color painted. Pole diameter 60 mm.	9007 9008 9005 9006 9012 9014 9015 9016
	Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.	9007 9008 9005 9006 9012 9014 9015 9016		Attacco mezzo palo per armature stradali verniciato antracite. Diametro palo 60 mm Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.	9007 9008 9012 9014 9015 9016
	Attacco mezzo palo doppio per armature stradali verniciato antracite. Diametro palo 60 mm Streetlights double half-pole bracket, anthracite color painted. Pole diameter 60 mm.	9007 9008 9012 9014 9015 9016		Attacco a parete regolabile per armature stradali verniciato antracite. Streetlights adjustable wall bracket, anthracite color.	9007 9008 9012 9014 9015 9016

## Glossario accessori / Accessories glossary





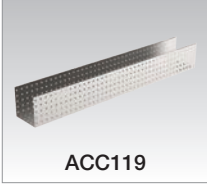
 <p><b>ACC068</b></p>	<p>Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio.</p> <p>IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.</p>	 <p><b>ACC069</b></p>	<p>Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.</p> <p>IP66 waterproof connector, 2P + E (16A - 400V). Color: black.</p>
 <p><b>ACC070</b></p>	<p>Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio.</p> <p>IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.</p>	 <p><b>ACC071</b></p>	<p>Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.</p> <p>IP66 waterproof connector, 4P + E (16A - 400V). Color: black.</p>
 <p><b>ACC072</b></p>	<p>Tappo di chiusura centrale in lamiera verniciato bianco</p> <p>Central closing cap in white painted sheet</p>	 <p><b>ACC073</b></p>	<p>Cassaforma di ricambio per serie MINI-INCAS</p> <p>Spare formwork for MINI-INCAS serie</p>
 <p><b>ACC074</b></p>	<p>Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraccio 50cm.</p> <p>Outreach wall bracket, white color. Outreach length: 50cm.</p>	 <p><b>ACC075</b></p>	<p>Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraccio 100cm.</p> <p>Outreach wall bracket, white color. Outreach length: 100cm.</p>
 <p><b>ACC076</b></p>	<p>Sbraccio per fissaggio a muro colore silver. Lunghezza sbraccio 50cm.</p> <p>Outreach wall bracket, silver color. Outreach length: 50cm.</p>	 <p><b>ACC077</b></p>	<p>Sbraccio per fissaggio a muro colore silver. Lunghezza sbraccio 100cm.</p> <p>Outreach wall bracket, silver color. Outreach length: 100cm.</p>
 <p><b>ACC078</b></p>	<p>Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraccio 50cm.</p> <p>Outreach wall bracket, anthracite color. Outreach length: 50cm.</p>	 <p><b>ACC079</b></p>	<p>Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraccio 100cm.</p> <p>Outreach wall bracket, anthracite color. Outreach length: 100cm.</p>
 <p><b>ACC080</b></p>	<p>Attacco palo regolabile per proiettori verniciato a colore. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, color painted. Pole diameter: 60 mm.</p>	 <p><b>ACC081</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Serie PRINCE.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm. PRINCE serie.</p>
 <p><b>ACC082</b></p>	<p>Attacco palo regolabile per proiettori verniciato bianco. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, white color. Pole diameter: 60 mm.</p>	 <p><b>ACC083</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>
 <p><b>ACC084</b></p>	<p>Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.</p>	 <p><b>ACC085</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>



## Glossario accessori / Accessories glossary


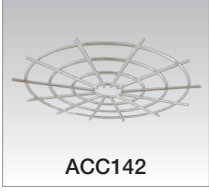













 <p><b>ACC086</b></p>	<p>Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.</p>	8034	 <p><b>ACC087</b></p>	<p>Griglia di protezione 285 x 285 mm.</p> <p>285 x 285 mm protection grid.</p>	8034
 <p><b>ACC088</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>	8036 8037	 <p><b>ACC089</b></p>	<p>Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.</p>	8036 8037
 <p><b>ACC090</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>	8031 8032 8033	 <p><b>ACC091</b></p>	<p>Attacco palo regolabile per proiettori verniciato antracite. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, anthracite color. Pole diameter: 60 mm.</p>	8031 8032 8033
 <p><b>ACC092</b></p>	<p>Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione &lt;70°.</p> <p>Anti-pollution light visor for concentrated beams with inclination &lt;70°.</p>	8055	 <p><b>ACC093</b></p>	<p>Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione &lt;70°.</p> <p>Anti-pollution light visor kit for concentrated beams with inclination &lt;70°.</p>	8054
 <p><b>ACC094</b></p>	<p>Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione &lt;70°.</p> <p>Anti-pollution light visor for concentrated beams with inclination &lt;70°.</p>	8056	 <p><b>ACC095</b></p>	<p>Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione &lt;70°.</p> <p>Anti-pollution light visor kit for concentrated beams with inclination &lt;70°.</p>	8057
 <p><b>ACC096</b></p>	<p>Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione &lt;70°.</p> <p>Anti-pollution light visor kit for concentrated beams with inclination &lt;70°.</p>	8059	 <p><b>ACC097</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>	8026 8036
 <p><b>ACC098</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>	8027 8037	 <p><b>ACC099</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>	8028 8030 8038
 <p><b>ACC100</b></p>	<p>Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm.</p> <p>Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.</p>	8029 8039	 <p><b>ACC101</b></p>	<p>Vetro di protezione temperato spessore 4mm.</p> <p>4mm thick tempered safety glass.</p>	7101
 <p><b>ACC102</b></p>	<p>Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione &lt;70°.</p> <p>Anti-pollution light visor for concentrated beams with inclination &lt;70°.</p>	7101	 <p><b>ACC103</b></p>	<p>Vetro di protezione temperato spessore 4mm. (2 pezzi)</p> <p>4mm thick tempered safety glass. (2 pieces)</p>	7102

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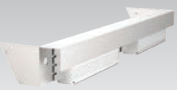





 <p><b>ACC104</b></p>	<p>Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <math>&lt;70^\circ</math>.</p> <p>Anti-pollution light visor kit for concentrated beams with inclination <math>&lt;70^\circ</math>.</p>	7102	 <p><b>ACC105</b></p>	<p>Vetro di protezione temperato spessore 4mm. (3 pezzi)</p> <p>4mm thick tempered safety glass. (3 pieces)</p>	7103
 <p><b>ACC106</b></p>	<p>Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <math>&lt;70^\circ</math>.</p> <p>Anti-pollution light visor kit for concentrated beams with inclination <math>&lt;70^\circ</math>.</p>	7103	 <p><b>ACC107</b></p>	<p>Tappo di chiusura verniciato nero</p> <p>Black painted closing cap</p>	2002
 <p><b>ACC108</b></p>	<p>Driver remoto fino a 24V 100W RGB IP67.</p> <p>Remote driver up to 24V 100W RGB IP67.</p>	3002	 <p><b>ACC109</b></p>	<p>Driver remoto fino a 24V 150W RGB IP67.</p> <p>Remote driver up to 24V 150W RGB IP67.</p>	3002
 <p><b>ACC110</b></p>	<p>Driver remoto fino a 24V 240W RGB IP67.</p> <p>Remote driver up to 24V 240W RGB IP67.</p>	3002	 <p><b>ACC111</b></p>	<p>Driver remoto fino a 24V 320W RGB IP67.</p> <p>Remote driver up to 24V 320W RGB IP67.</p>	3002
 <p><b>ACC112</b></p>	<p>Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm</p> <p>Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.</p>	9200 9201	 <p><b>ACC113</b></p>	<p>Attacco a parete regolabile per armature stradali verniciato silver.</p> <p>Streetlights adjustable wall bracket, silver color.</p>	9200 9201
 <p><b>ACC114</b></p>	<p>Sistema di gestione RBG e DMX. (max 480W a 24V)</p> <p>RGB and DMX management system. (max 480W at 24V)</p>	3002	 <p><b>ACC115</b></p>	<p>Kit staffe regolabili (silver RAL 9006)</p> <p>Adjustable brackets kit (silver RAL 9006)</p>	8036 8037
 <p><b>ACC116</b></p>	<p>Kit staffe regolabili (antracite RAL 7015)</p> <p>Adjustable brackets kit (anthracite RAL 7015)</p>	8036 8036	 <p><b>ACC117</b></p>	<p>Kit staffe regolabili (silver RAL 9006)</p> <p>Adjustable brackets kit (silver RAL 9006)</p>	8031 8032 8132 8137
 <p><b>ACC118</b></p>	<p>Kit staffe regolabili (antracite RAL 7015)</p> <p>Adjustable brackets kit (anthracite RAL 7015)</p>	8031 8032 8132 8137	 <p><b>ACC119</b></p>	<p>Cassaforma per incasso murale da 560mm</p> <p>Recessed formwork 560mm</p>	2001
 <p><b>ACC120</b></p>	<p>Cassaforma per incasso murale da 1120mm</p> <p>Recessed formwork 1120mm</p>	2001	 <p><b>ACC121</b></p>	<p>Cassaforma per incasso murale da 1400mm</p> <p>Recessed formwork 1400mm</p>	2001

 <p><b>ACC122</b></p>	<p>Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm</p> <p>Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.</p>	7027	 <p><b>ACC123</b></p>	<p>Attacco mezzo palo doppio per armature stradali verniciato silver. Diametro palo 60 mm</p> <p>Streetlights double half-pole bracket, silver color. Pole diameter 60 mm.</p>	7028
 <p><b>ACC124</b></p>	<p>Connettore di inizio linea</p> <p>Line start connector</p>	2003 2196 2098 2099	 <p><b>ACC125</b></p>	<p>Staffa regolabile per installazione a parete</p> <p>Adjustable bracket for wall installation</p>	3001
 <p><b>ACC126</b></p>	<p>Kit staffe per installazione ad incasso per controsoffitti in cartongesso.</p> <p>Kit for recessed plasterboard false ceilings installation.</p>	JOLLY	 <p><b>ACC127</b></p>	<p>Scatola da incasso per installazione ad incasso parete.</p> <p>Recessed box for recessed wall installation.</p>	JOLLY
 <p><b>ACC128</b></p>	<p>Kit sospensione per installazione su barra elettrificata.</p> <p>Suspension kit for installation on electrified bar.</p>	JOLLY	 <p><b>ACC129</b></p>	<p>Kit per installazione a sospensione. Con questo kit la serie Jolly può essere utilizzata come lampada di segnalazione secondo la norma EN1838</p> <p>Suspended installation kit. With this kit the Jolly series can be used as a signal lamp according to the EN1838 standard</p>	JOLLY
 <p><b>ACC130</b></p>	<p>Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm.</p> <p>Streetlights half-pole bracket, silver color. Pole diameter 60 mm.</p>	7027	 <p><b>ACC131</b></p>	<p>Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm.</p> <p>Streetlights half-pole bracket, silver color. Pole diameter 60 mm.</p>	7028
 <p><b>ACC132</b></p>	<p>Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).</p> <p>Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).</p>		 <p><b>ACC133</b></p>	<p>Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).</p> <p>Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).</p>	
 <p><b>ACC134</b></p>	<p>Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.</p> <p>Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.</p>		 <p><b>ACC135</b></p>	<p>Gateway portatile per la configurazione dei dispositivi wireless 868 MHz tramite App. Interfaccia wireless Bluetooth ed 868 MHz.</p> <p>Gateway for wireless sensor configuration 868 MHz via App. Bluetooth and 868 MHz wireless interfaces.</p>	
 <p><b>ACC136</b></p>	<p>Cannocchiale di puntamento 4x32 per proiettori.</p> <p>4x32 aiming scope for projectors.</p>	8054 8055 8056 8057 8059 7101 7102 7103	 <p><b>ACC137</b></p>	<p>Laser di puntamento diurno e notturno per proiettori.</p> <p>Day and night aiming laser for projectors.</p>	8054 8055 8056 8057 8059 7101 7102 7103
 <p><b>ACC138</b></p>	<p>Griglia di protezione 160 x 230 mm</p> <p>160 x 230 mm protection grid</p>	7026 7036	 <p><b>ACC139</b></p>	<p>Griglia di protezione 210 x 260 mm</p> <p>210 x 260 mm protection grid</p>	7027 7037

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 <p><b>ACC140</b></p>	<p>Griglia di protezione 300 x 310 mm 300 x 310 mm protection grid</p>	<p>7028 7030 7038</p>	 <p><b>ACC141</b></p>	<p>Griglia di protezione 330 x 360 mm 330 x 360 mm protection grid</p>	<p>7029 7039</p>
 <p><b>ACC142</b></p>	<p>Griglia di protezione Ø 370 mm Ø 370 mm protection grid</p>	<p>8400 8401 8402 8403 8405</p>	 <p><b>ACC143</b></p>	<p>Kit staffe per installazione a plafone o blindosbarra. Bussbar or surface mounting installation kit.</p>	<p>8300 8301</p>
 <p><b>ACC144</b></p>	<p>Kit doppio moschettone. Double carabiner kit.</p>	<p>8201 8300 8301</p>	 <p><b>ACC145</b></p>	<p>Cavo di sicurezza anticaduta in acciaio Ø2mm. Anti-fall safety cable in steel Ø2mm.</p>	<p>8201 8300 8301</p>
 <p><b>ACC146</b></p>	<p>Kit rosone + cavo di alimentazione 2P+T (1,5m) + connettore di inizio linea Kit with power box + 2P+E power cable (1.5 m) + start row clamp</p>	<p>2002 2065</p>	 <p><b>ACC147</b></p>	<p>Kit rosone + cavo di alimentazione 4P+T (1,5m) + connettore di inizio linea Kit with power box + 4P+E power cable (1.5 m) + start row clamp</p>	<p>2002 2065</p>
 <p><b>ACC148</b></p>	<p>Kit staffe per installazione a plafone o blindosbarra. Bussbar or surface mounting installation kit.</p>	<p>8201</p>	 <p><b>ACC149</b></p>	<p>Sensore bluetooth da incasso. Per apparecchi con opzione BT Recessed bluetooth sensor. For fixture with BT option</p>	
 <p><b>ACC150</b></p>	<p>Sensore bluetooth a plafone. Per apparecchi con opzione BT Surface mounting bluetooth sensor. For fixture with BT option</p>		 <p><b>ACC151</b></p>	<p>Kit composto da 6 clip inox per apparecchio da 662mm di lunghezza. Kit with 6 stainless steel clips for 662mm long luminaire.</p>	<p>2050 2057</p>
 <p><b>ACC152</b></p>	<p>Kit composto da 10 clip inox per apparecchio da 1272mm di lunghezza. Kit with 10 stainless steel clips for 1272mm long luminaire.</p>	<p>2050 2057</p>	 <p><b>ACC153</b></p>	<p>Kit composto da 12 clip inox per apparecchio da 1572mm di lunghezza. Kit with 12 stainless steel clips for 1572mm long luminaire.</p>	<p>2050 2057</p>
 <p><b>ACC154</b></p>	<p>Pittogramma EXIT EXIT pictogram</p>	<p>JOLLY</p>	 <p><b>ACC155</b></p>	<p>Pittogramma uscita con freccia a sinistra Exit pictogram with left arrow</p>	<p>JOLLY</p>
 <p><b>ACC156</b></p>	<p>Pittogramma uscita con freccia a destra Exit pictogram with right arrow</p>	<p>JOLLY</p>	 <p><b>ACC157</b></p>	<p>Pittogramma uscita con freccia in basso Exit pictogram with down arrow</p>	<p>JOLLY</p>

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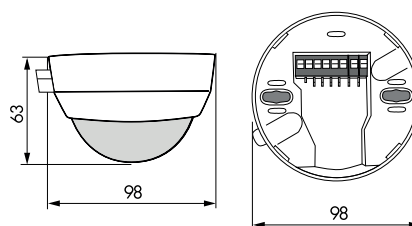
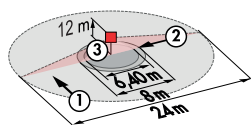
 <p><b>ACC158</b></p>	<p>Staffa con trattamento marino resistente alle nebbie saline</p> <p>Bracket with marine treatment resistant to saline fog</p>	<p>7026 7036</p>	 <p><b>ACC159</b></p>	<p>Staffa con trattamento marino resistente alle nebbie saline</p> <p>Bracket with marine treatment resistant to saline fog</p>	<p>7027 7037</p>
 <p><b>ACC160</b></p>	<p>Staffa con trattamento marino resistente alle nebbie saline</p> <p>Bracket with marine treatment resistant to saline fog</p>	<p>7028 7030 7038</p>	 <p><b>ACC161</b></p>	<p>Staffa con trattamento marino resistente alle nebbie saline</p> <p>Bracket with marine treatment resistant to saline fog</p>	<p>7029 7039</p>
 <p><b>ACC162</b></p>	<p>Cassaforma murale per modello 2N e 2B</p> <p>Wall formwork for 2N and 2B models</p>	<p>6010</p>	 <p><b>ACC163</b></p>	<p>Cassaforma murale per modello 4N e 4B</p> <p>Wall formwork for 4N and 4B models</p>	<p>6010</p>
 <p><b>ACC164</b></p>	<p>Cassaforma murale per modello 8N e 8B</p> <p>Wall formwork for 8N and 8B models</p>	<p>6010</p>	 <p><b>ACC165</b></p>	<p>Kit rosone + cavo di alimentazione 2P+T (1,5m) + connettore di inizio linea + 2 cavi d'acciaio lunghezza 1,5m</p> <p>Kit with power box + 2P+E power cable (1.5 m) + start row clamp + 2 steel 1,5 m length cables</p>	<p>2003</p>
 <p><b>ACC166</b></p>	<p>Kit rosone + cavo di alimentazione 4P+T (1,5m) + connettore di inizio linea + 2 cavi d'acciaio lunghezza 1,5m</p> <p>Kit with power box + 4P+E power cable (1.5 m) + start row clamp + 2 steel 1,5 m length cables</p>	<p>2003</p>	 <p><b>ACC167</b></p>	<p>Piastra di fissaggio driver remoti alla staffa</p> <p>Fixing plate for remote drivers on the bracket</p>	<p>7101</p>
 <p><b>ACC168</b></p>	<p>Piastra di fissaggio driver remoti alla staffa</p> <p>Fixing plate for remote drivers on the bracket</p>	<p>7102 7103</p>	 <p><b>ACC169</b></p>	<p>Kit staffe per installazione a soffitto. Per FLAG IP65 e FLAG IP65-A</p> <p>Bracket kit for ceiling installation. For FLAG IP65 and FLAG IP65-A</p>	<p>FLAG</p>
 <p><b>ACC170</b></p>	<p>Kit staffe per installazione a parete laterale. Per FLAG IP65 e FLAG IP65-A</p> <p>Bracket kit for side wall installation. For FLAG IP65 and FLAG IP65-A</p>	<p>FLAG</p>	 <p><b>ACC171</b></p>	<p>Kit staffe per installazione a parete frontale. Per FLAG IP65 e FLAG IP65-A</p> <p>Brackets kit for front wall installation. For FLAG IP65 and FLAG IP65-A</p>	<p>FLAG</p>
 <p><b>ACC172</b></p>	<p>Kit staffe di rotazione regolabili</p> <p>Adjustable rotation bracket kit</p>	<p>2100 2101 2102</p>			



# Sensori di presenza e luminosità / Presence and light detector

Sensore per riflettori industriali  
Sensor for industrial High-Bays

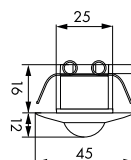
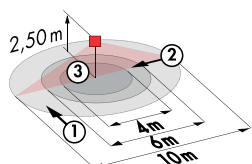
Cod.  
Acc. 019  
Cod. telecomando  
Acc. 036



Telecomando  
Remote controller

Sensore per apparecchi ad incasso  
Sensor for recessed fixtures

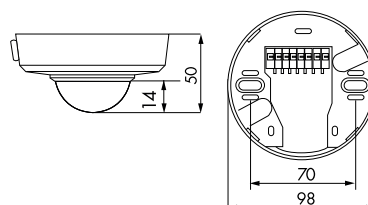
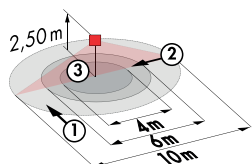
Cod.  
Acc. 018  
Cod. telecomando  
Acc. 035



Telecomando  
Remote controller

Sensore per apparecchi a plafone  
Sensor for surface mounted fixtures

Cod.  
Acc. 017  
Cod. telecomando  
Acc. 035



Telecomando  
Remote controller

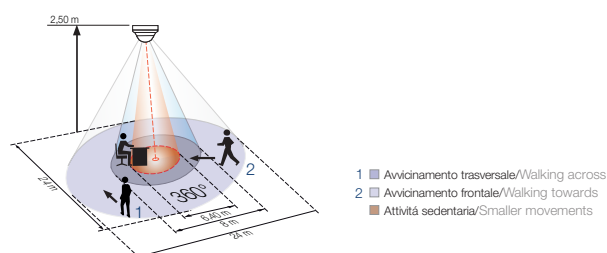
## Caratteristiche

- Rilevatore di presenza per controllo illuminazione in funzione del contributo di luce naturale
- Interfaccia per controllo diretto di alimentatori elettronici DALI/DSI come gruppo
- Commutazione tra funzionamento DALI o DSI tramite interruttori DIP o Telecomando
- Estensione area di rilevamento tramite sensori Slave
- Funzioni aggiuntive attivabili tramite Telecomando
- Accensione/Spengimento/Dimmerazione manuale tramite pulsante esterno
- Funzione luce orientamento notturno

## Funzionamento

Il sensore di presenza regola l'illuminazione artificiale mantenendo il valore di luce impostato in funzione della presenza delle persone ed in funzione del contributo di luce artificiale. Il sensore luce integrato misura costantemente il valore di luminosità nell'ambiente e confronta questo valore con il valore impostato nel rilevatore di presenza. Se il valore di luce naturale è sufficiente le luci artificiali non saranno accese. Se il valore di luce naturale è più basso del valore impostato, il sensore accende la luce e la regola fino ad arrivare al livello di luce impostato. Il rilevatore spegne automaticamente la luce dopo 5 min. se la luce naturale presente è superiore al valore di Lux impostato e/o se non viene rilevato alcuna presenza dopo il tempo di ritardo impostato.

## Area di rilevamento / Detection Area



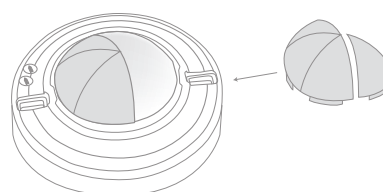
Nel caso in cui il campo di rilevamento del dispositivo sia troppo ampio o copra dei settori che non devono essere sorvegliati, questi si potranno ridurre o limitare a piacere mediante i listelli di copertura (lamelle) disponibili.

## Product information

- Presence and light detector
- Direct control interface for DALI / DSI dimmable electronic ballasts as a group
- Switching between DSI and DALI by remote control or DIP switch
- Extended detection area programmable by Slave sensors
- Additional functions programmable by remote control (optional)
- Manual ON/OFF/Dimming via external push-button
- Night-orientation light function

## Functioning

The presence and light detector adjusts the light level automatically according to people presence (movements) and ambient LUX level. The integrated light sensor constantly measures the ambient LUX level and compares it with the value set on the detector. If the ambient LUX level is sufficient, artificial light will not be switched on. If the ambient LUX level is below the set value and a movement is detected, the light is switched on and dimmed to reach the LUX set value. The light is automatically switched off after 5 min if the LUX level is above the set value and/or if no movement is detected within the set delay time.



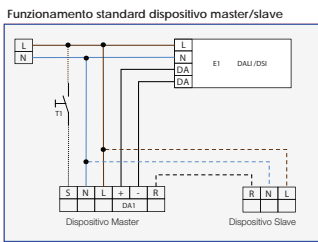
If the detection zone is too large, or areas are covered that should not be monitored, use the blinds to reduce or limit those areas.

## Dati tecnici

Tensione:	110-240 VAC, 50/60 Hz
Potenza assorbita:	circa 1W
Temperatura ambiente:	-25°C fino +50°C
Tipo/classe di protezione:	IP20/ II
Numero max. di dispositivi di comando DALI/DSI:	fino a 50 (Broadcast solo)
Raggio d'azione Ø H 2,5 m / T = 18°C:	seduti 6,4 m / tangenziale 24 m / frontale 8 m
Campo di rilevamento: Altezza di fissaggio consigliata: Dimensioni H x Ø [mm]	circolare 360° 10m (industriale) - 5m (ufficio) 63 x 98]

### Schema elettrico

Schema di cablaggio – nel collegamento dei rilevatori rispettare le indicazioni dei morsetti!



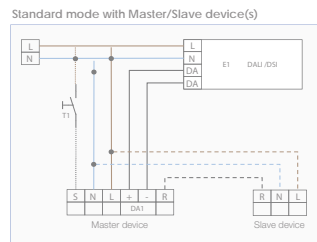
⚠ I dispositivi slave collegati devono avere la stessa fase del dispositivo master.

## Technical data

Power supply:	110-240 VAC, 50/60 Hz
Power consumption:	approx. 1W
Ambient temperature:	-25°C fino +50°C
Degree of protection/class:	IP20/ II
Max. no. of series-connected electronic ballasts:	up to 50 (Broadcast)
Area of coverage Ø H 2,5 m / T = 18°C:	seated 6.4m / tangential 24m / frontal 8m
Area of coverage: Recommended height for mounting: Dimensions H x Ø [mm]	circular 360° 10m (industrial) - 5m (office) 63 x 98

### Wiring diagram

Schematic diagram - when connecting the detector, please respect the labelling of the terminal connections at the detector!



⚠ Connected Slave devices must have the same phase as the Master device.

## Sesori radar integrati / Radar sensor

### Funzionamento

Sensore di movimento e luminosità 1-10V integrato all'interno dell'apparecchio d'illuminazione. Il sensore combina la funzione di daylight con il sensore di movimento ad alta frequenza con la possibilità di dimmerazione da 10 al 50% durante il periodo di standby.

### Functioning

1-10V motion and brightness sensor integrated inside the luminaire. The sensor combines the daylight function with the high frequency motion sensor with the possibility of dimming from 10 to 50% during the standby period.

### DIP SWITCH SETTINGS:

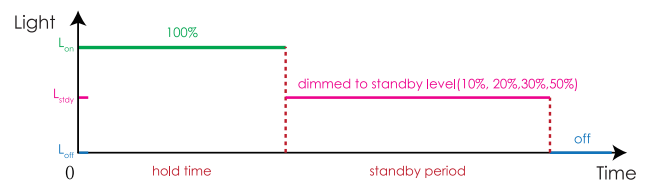
Detection Range		Hold Time			Daylight Sensor		Standby Period			Standby Dimming lever	
1	2	3	4	5	6	7	8	9	10	11	12
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100%		5s			Disable		0s			10%	
75%		30s			50Lux		10s			20%	
50%		1min			10Lux		1min			30%	
10%		5min			5Lux		5min			50%	
		10min					10min				
		20min					30min				
		30min					1H				
							+∞				

**Nota:** 1 - "0s" significa controllo on/off.  
2 - "+∞" significa controllo di dimmerazione bi-level, la lampada non si spegne mai.  
3 - Impostazioni di fabbrica: 100% - 5s - Disabilitato - 10s - 10%

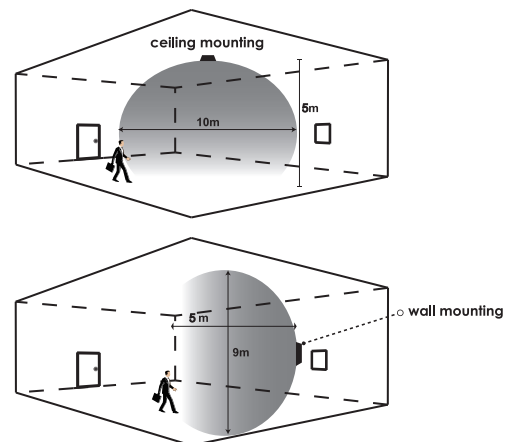
**Note:** 1 - "0s" meand on/off control.  
2 - "+∞" meand bi-level dimming control, fixture never switches off.  
3 - Factory default setting: 100% - 5s - Disabilitato - 10s - 10%



### TRI-LEVEL DIMMING CONTROL:



### DETECTIVE AREA:





# Sesori wireless 868MHz / 868 MHz Wireless sensor

## Descrizione delle funzionalità del sistema

Il sistema di controllo wireless permette di utilizzare sensori per la rilevazione di movimento e della luminosità ambientale al fine di automatizzare la gestione degli apparecchi d'illuminazione.



Il sistema utilizza sensori di luminosità ambientale al fine di mantenere costante il livello luminoso sul piano di riferimento, adeguando l'intensità degli apparecchi in relazione al contributo di luce naturale.

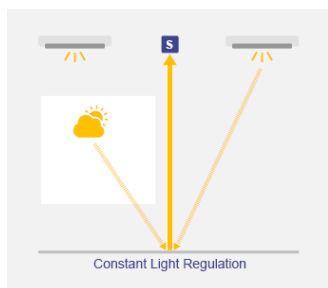
The system uses ambient light sensors in order to keep the light level constant on the reference plane, adjusting the intensity of the luminaires in relation to the contribution of natural light.



## Description of the system functions

The wireless control system allows the use of sensors for detecting movement and ambient brightness in order to automate the management of lighting fixtures.

## Sensori di movimento e di luminosità ambientale / Motion and ambient light sensors



I sensori per la rilevazione della luminosità ambientale leggono la quantità di luce riflessa dalla superficie sottostante, data dalla somma del contributo di luce artificiale e naturale. Durante la messa in servizio dell'impianto sarà necessario eseguire la Calibrazione dei sensori, al fine di tener conto delle corrette condizioni di riflessione dell'ambiente. La procedura, da eseguire tramite App ed in assenza di luce naturale, consiste nei seguenti passi:

1. Posizionare un luxmetro sulla superficie di riferimento.
2. Regolare gli apparecchi fino ad ottenere il livello luminoso desiderato.
3. Memorizzare nel sistema il valore impostato.

Sensors for detecting ambient brightness read the amount of light reflected from the underlying surface, given by the sum of the contribution of artificial and natural light.

During the commissioning of the system, it will be necessary to calibrate the sensors, in order to take into account the correct environment reflection conditions. The procedure, to be performed via the App and in the absence of natural light, consists of the following steps:

1. Place a lux meter on the reference surface.
2. Adjust the luminaires until the desired light level is obtained.
3. Store the set value in the system.

### Controllo manuale

Il sistema può essere gestito via software tramite App, in grado di inviare comandi di accensione, spegnimento e regolazione degli apparecchi. Tali comandi forzano lo stato dell'impianto e sospendono temporaneamente la gestione automatica tramite sensori.

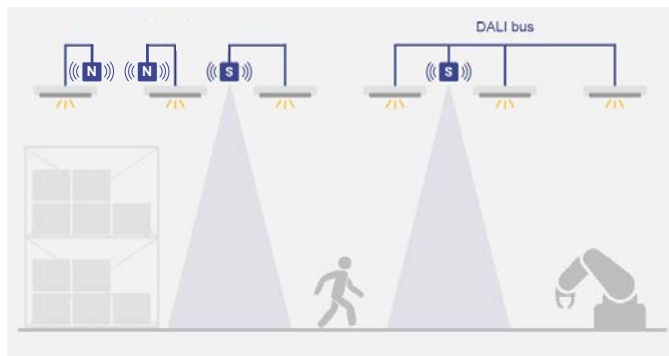
### Manual control

The system can be managed via software via the App, capable of sending on, off and adjustment commands for the appliances. These commands force the system status and temporarily suspend automatic management via sensors.

## Sistema di controllo / Control system

Il sistema di controllo wireless permette la gestione di gruppi di apparecchi DALI non cablati tra loro tramite un cavo bus dedicato. Ogni gruppo sarà gestito da un sensore (ACC132) che, grazie all'interfaccia wireless Bluetooth, potrà essere configurato e gestito tramite App. Gli apparecchi del seguente gruppo saranno cablati singolarmente al nodo (ACC133) che tramite tecnologia Wireless Mesh Network 868 MHz si collegano al sensore con la possibilità di ricevere, rigenerare e ritrasmettere i dati garantendo percorsi di comunicazione ridondanti e una copertura radio estesa.

The wireless control system allows the management of groups of DALI devices not wired together by means of a dedicated bus cable. Each group will be managed by a sensor (ACC132) which, thanks to the Bluetooth wireless interface, can be configured and managed via the App. The devices of the following group will be individually wired to the node (ACC133) and via Wireless Mesh Network technology 868 MHz connect to the sensor with the possibility of receiving, regenerating and retransmitting data, guaranteeing redundant communication paths and extended radio coverage.



## Configurazione e gestione del sistema tramite App

Il sistema viene configurato tramite l'App DALI-SENSE, disponibile per smartphone Apple ed Android. Tramite connessione Bluetooth lo smartphone si potrà collegare ad un singolo multisensore DALI-SENSE presente nel range radio, tipicamente di 10 m.

Tramite l'App DALI-SENSE sarà possibile rilevare tutti i multisensori presenti nel range radio Bluetooth, identificare quello desiderato ed impostare i parametri operativi delle strategie di controllo, oltre a gestire manualmente l'intensità degli apparecchi.

## Motion and ambient light sensors

The system is configured via the DALI-SENSE App, available for Apple and Android smartphones. Via Bluetooth connection, the smartphone can be connected to a single DALI-SENSE multisensor present in the radio range, typically 10 m.

Through the DALI-SENSE App it will be possible to detect all the multisensors in the Bluetooth radio range, identify the desired one and set the operating parameters of the control strategies, as well as manually manage the intensity of the devices.

L'App DALI-SENSE può essere scaricata dagli store ufficiali Apple ed Android usando i seguenti QR code.

The DALI-SENSE App can be downloaded from the official Apple and Android stores using the following QR codes.



Scarica l'App dagli store Apple ed Android



Scarica il manuale utente



Download

## Descrizione delle funzionalità del sistema

Gli apparecchi Bluetooth sono dotati di un'unità di controllo wireless che interagiscono direttamente con i driver LED dimmerabili 0-10 V, 1-10 V o DALI.

Tramite l'uscita DALI standalone, questo sistema funge sia da controller che da alimentatore rendendo possibile il collegamento diretto al driver LED con interfaccia DALI, integrato nell'apparecchio, senza la necessità di un alimentatore DALI esterno. Il sistema è controllato in modalità wireless con le applicazioni per smartphone e tablet Casambi utilizzando il protocollo Bluetooth 4.0. L'app Casambi può essere scaricata gratuitamente da Apple App Store e Google Play Store.

I dispositivi formano automaticamente una rete mesh wireless sicura in modo da poter controllare un gran numero di dispositivi da qualsiasi punto senza l'utilizzo di un gateway esterno.

## System features description

Bluetooth system is a wireless control unit for LED drivers with 0-10V, 1-10V or DALI dimming interface. With Standalone DALI output, this system acts both as a controller and as a power supply making it possible to connect directly to an LED driver with DALI interface without the need for an external DALI power supply.

This system is controlled wirelessly with Casambi smartphone and tablet applications using Bluetooth 4.0 protocol. The Casambi app can be downloaded free of charge from Apple App Store and Google Play Store.

Devices form automatically a secure wireless mesh network so that a large number of fixtures can be controlled from any point without external gateway.

Range

Up to 30 m <sup>1)</sup> 50 m <sup>1)</sup>

Casambi utilizza la tecnologia di rete mesh CBU-ASD che funge anche da ripetitore. Gamme più lunghe possono essere ottenute utilizzando più unità Casambi.

Dispositivi compatibili:  
 iPhone 4S o superiore  
 iPad 3 o superiore  
 iPod Touch 5th gen o superiore  
 Android 4.4 KitKat o versioni successive prodotte dopo il 2013 con pieno supporto BT 4.0

<sup>1)</sup> La portata dipende fortemente dall'ambiente circostante e dagli ostacoli, come muri e materiali da costruzione.

Range

Up to 30 m <sup>1)</sup> 50 m <sup>1)</sup>

Casambi uses mesh network technology so each CBU-ASD acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

Compatible devices:  
 iPhone 4S or later  
 iPad 3 or later  
 iPod Touch 5th gen or later  
 Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

<sup>1)</sup> Range is highly dependant on the surrounding and obstacles, such as walls and building materials.

Dimmerabile senza App

1. Accendere le luci da un interruttore.
2. Spegnerne rapidamente l'interruttore (max. 1 sec.) E riaccendere. Il livello di luce inizia ad aumentare gradualmente.
3. Schiacciare nuovamente l'interruttore livello desiderato. Il livello selezionato viene salvato automaticamente.
4. Se il secondo movimento non viene eseguito entro 8 sec. l'intensità della luce raggiunge il suo livello massimo.
5. L'interruttore può anche essere usato per passare da predefinito scena.

ON FLICK (<1 sec.) FLICK (<1 sec.) 8 sec. from 1<sup>st</sup> flick

Dimming without app

1. Turn lights on from a wall switch.
2. Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
3. Flick the switch again at desired dim level. The selected level is saved automatically.
4. If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
5. Flicking the switch can also be used to switch between predefined scenes.

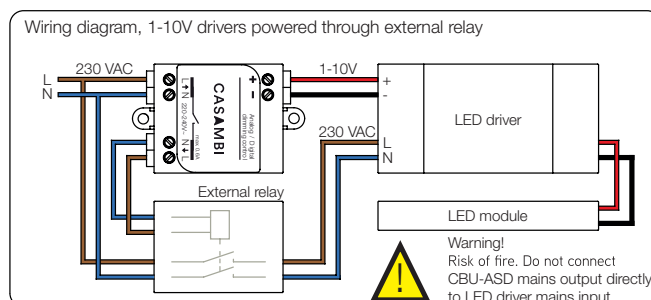
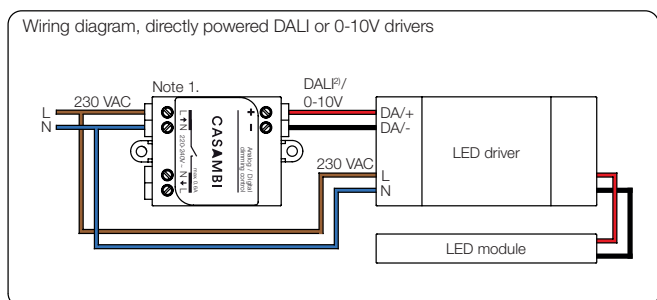
ON FLICK (<1 sec.) FLICK (<1 sec.) 8 sec. from 1<sup>st</sup> flick

## Dati tecnici

<b>Input</b>	Range di tensione	220-240Vac
	Frequenza	50Hz
	Max. corrente	0,6A
<b>Output</b>	Output relay	SSR on phase line
	Range di tensione	220-240Vac
	Frequenza	50Hz
<b>DALI Output</b>	Range di tensione	9-12Vdc
	Numero massimo di driver connessi	1
<b>Trasmettitore Radio</b>	Frequenza di operazione	2,4...2,483 Ghz
	Potenza massima	+4 dBm

## Technical Data

<b>Input</b>	Voltage range	220-240Vac
	Frequency	50Hz
	Max. mains current	0,6A
<b>Output</b>	Output relay	SSR on phase line
	Voltage range	220-240Vac
	Frequency	50Hz
<b>DALI Output</b>	Voltage range	9-12Vdc
	Maximum number of drivers connected	1
<b>Radio transceiver</b>	Operating frequencies	2,4...2,483 Ghz
	Maximum output power	+4 dBm



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