

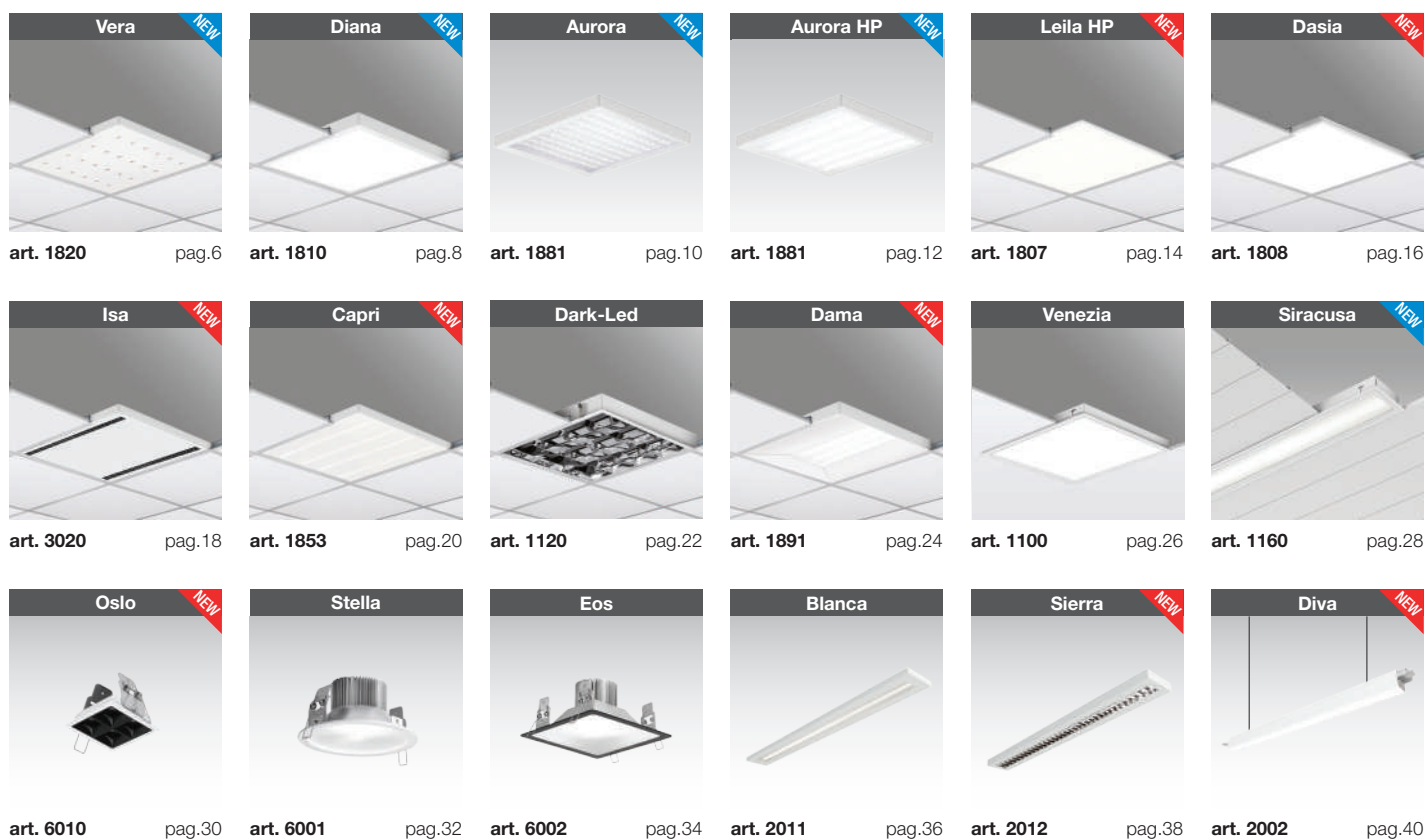
T E C H N I C A L   L I G H T I N G  
L E D   S E L E C T I O N   2 0 2 1

**TEC-MAR®**  
L I G H T I N G

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

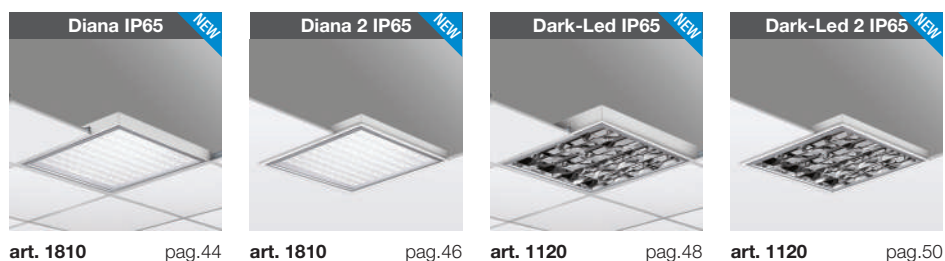
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## Speciali / Special

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# Uffici Offices

# VERA

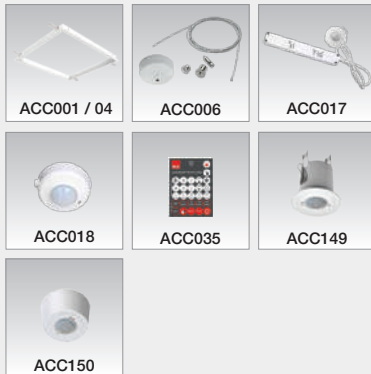
Apparecchio a led multinstallazione (tranne i modelli IQ e IR), installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri 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 (except in IQ and IR models), 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



## ACCESSORI / ACCESSORIES

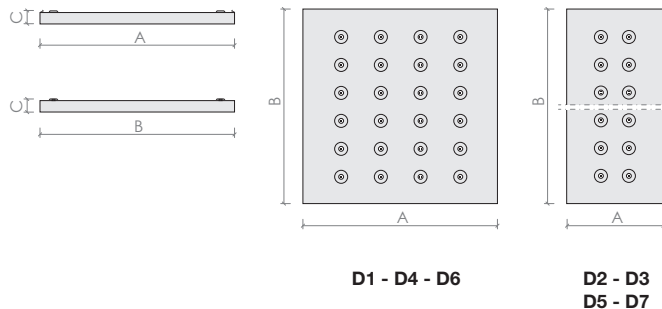


## CODIFICA / CODING

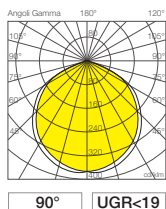
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1820		LQ		03 = 3000°K (CRI >80)		18 37		EL = on/off
		LR		04 = 4000°K (CRI >80)		26 74		LM = 1-10v
		IQ		05 = 5000°K (CRI >80)		29		LD = dali
		IR		65 = 6500°K (CRI >80)		32		D1 = dali + em.1h
				94 = 4000°K (CRI >90)		36		E1 = em. 1h
								E3 = em. 3h
								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>	295	595	10	3,0	0,001	100
<b>D2</b>	295	595	35	3,0	0,008	100	<b>D6</b>	595	595	10	4,5	0,004	70
<b>D3</b>	295	1195	35	4,5	0,015	70	<b>D7</b>	295	1195	10	4,5	0,007	70
<b>D4</b>	595	1195	35	9,0	0,029	30							



## CURVA FOTOMETRICA / PHOTOMETRY



**Mod. LQ / LR / IQ / IR**  
Riflettore rotosimmetrico in lamiera imbutita verniciato bianco

**Mod. LQ / LR / IQ / IR**  
Pressed white painted steel sheet rotosymmetrical reflector

**A++**

□ RAL 9003

## Δ LUMEN

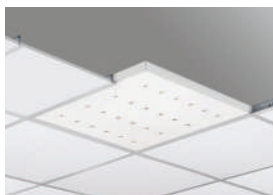
3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>

## Mod. LQ



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



Doppia installazione:  
Plafone e incasso

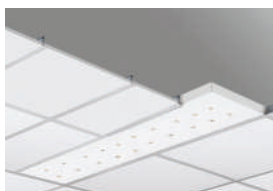
Double installation:  
Recessed and surface mounting

## Mod. LR



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

## Mod. IQ



W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
26	4x24	4083	3674	141	3x18W fluo	D6
32	4x24	5058	4552	142	4x18W fluo	D6
37	4x24	5547	4992	135	4x18W fluo	D6

\*4000K CRI>80

## Mod. IR



W tot.	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
18	2x24	2773	2495	139	2x18W fluo	D5
26	4x24	4083	3674	141	2x28W fluo	D7
32	4x24	5058	4552	142	2x36W fluo	D7
37	4x24	5547	4992	135	2x36W fluo	D7

\*4000K CRI>80

# DIANA

Apparecchio installabile in incasso in pannelli aventi struttura portante a vista 15/24 mm. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri 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



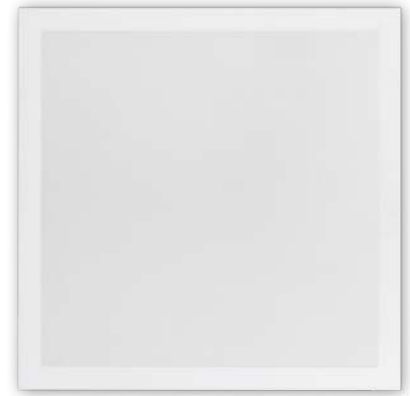
## ACCESSORI / ACCESSORIES



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>-15.30%</b>

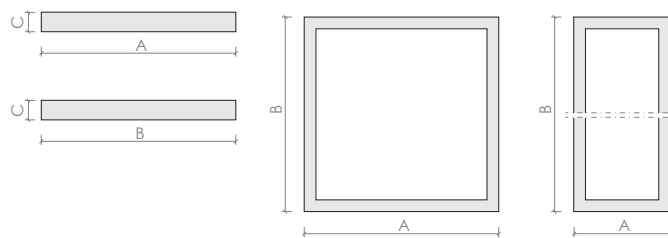


## CODIFICA / CODING

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
				05 = 5000°K (CRI >80)		32 72		LD = dali
				65 = 6500°K (CRI >80)		38 92		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		45		E1 = em. 1h
						12 =120W		E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

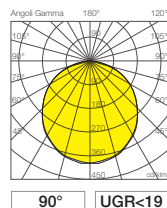
	A	B	C	Kg	mc	
<b>D1</b>	595	595	60	4,5	0,015	50
<b>D2</b>	295	595	60	3,0	0,008	100
<b>D3</b>	295	1195	60	4,5	0,015	50
<b>D4</b>	595	1195	60	9,0	0,029	30



D1

D2 - D3 - D4

## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. Q3 / R3

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Mod. Q3 / R3

Anti-glare smooth opal polycarbonate diffuser





## Mod. Q3

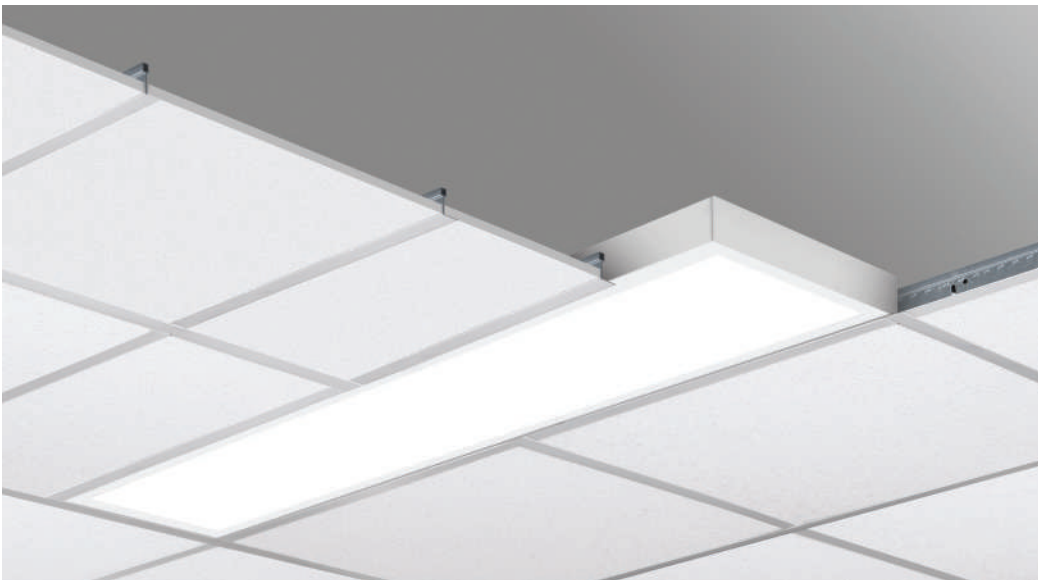
### Ottica

Diffusore policarbonato opale liscio  
antiabbagliamento e antiriflesso

### Optic

Anti-glare smooth opal polycarbonate  
diffuser

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

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

# AURORA

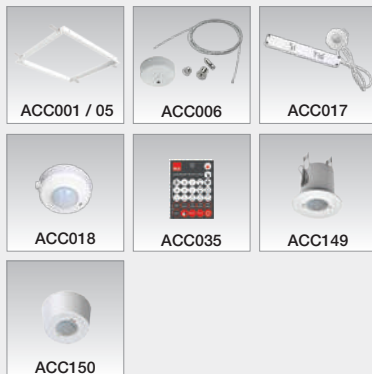
Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco, antigiallente con finitura gofrata fine, pretrattamento di fosfatizzazione 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



## ACCESSORI / ACCESSORIES



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>-15.30%</b>

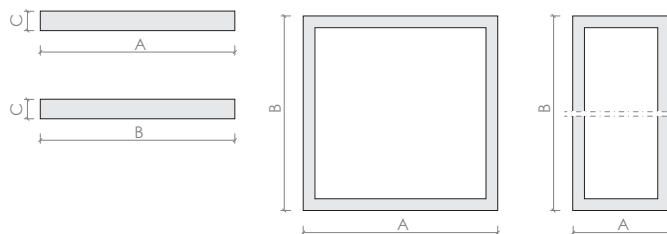


## CODIFICA / CODING

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

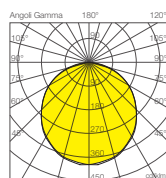
	A	B	C	Kg	mc	
<b>D1</b>	595	595	60	4,5	0,015	50
<b>D2</b>	295	595	60	3,0	0,008	100
<b>D3</b>	295	1195	60	4,5	0,015	50
<b>D4</b>	595	1195	60	9,0	0,029	30
<b>D5</b>	295	1495	60	5,5	0,031	50



D1

D2 - D3 - D4 - D5

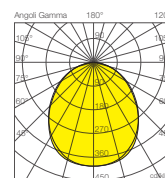
## CURVA FOTOMETRICA / PHOTOMETRY



90° UGR<19

**Mod. Q3 / R3**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Mod. Q3 / R3**  
Anti-glare smooth opal polycarbonate diffuser



90° UGR<19

**Mod. QP / RP**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Mod. QP / RP**  
Anti-glare microprismatic polycarbonate diffuser

## Mod. Q3



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

## Mod. R3



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	2x24W 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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

## Mod. QP



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



Doppia installazione:  
Plafone e incasso

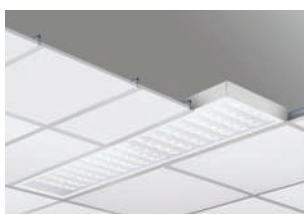
Double installation:  
Recessed and surface mounting

## Mod. RP



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting



# AURORA HP

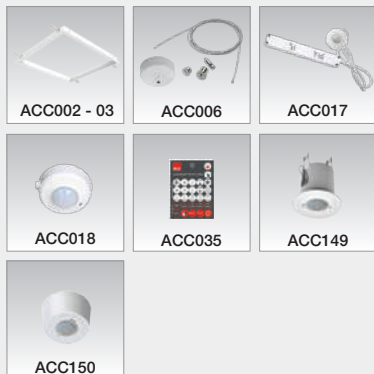
Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco, antingiallente 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



## ACCESSORI / ACCESSORIES

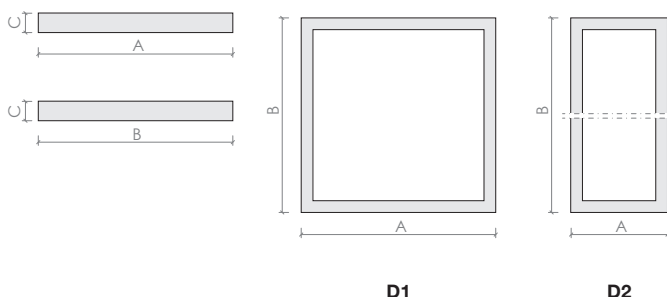


## CODIFICA / CODING

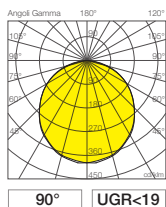
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1881		Q3		3 = 3000°K (CRI >80)		028		EL = on/off
		R3		4 = 4000°K (CRI >80)		045		LM = 1-10v
		QP		5 = 5000°K (CRI >80)		048		LD = dali
		RP		6 = 6500°K (CRI >80)		072		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		092		E1 = em. 1h
						120		E3 = em. 3h
			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

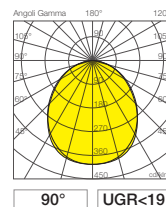


## CURVA FOTOMETRICA / PHOTOMETRY



**Mod. Q3 / R3**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Mod. Q3 / R3**  
Anti-glare smooth opal polycarbonate diffuser



**Mod. QP / RP**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

**Mod. QP / RP**  
Anti-glare microprismatic polycarbonate diffuser



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>-15.30%</b>

## Mod. Q3



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

## Mod. R3



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

## Mod. QP



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



Doppia installazione:  
Plafone e incasso

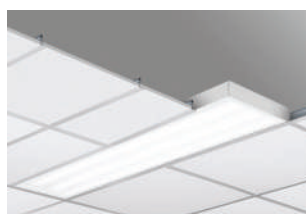
Double installation:  
Recessed and surface mounting

## Mod. RP



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

# LEILA HP

Apparecchio installabile in incasso in pannelli aventi struttura portante a vista 15/24 mm. Corpo costruito in estruso di alluminio verniciato con polveri epossipoliesteri di colore bianco e antingiallente, con pretrattamento di fosfatazione e sgrassaggio, driver elettronico remoto 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



## ACCESSORI / ACCESSORIES

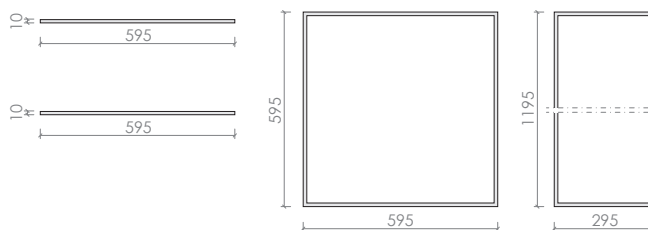


## CODIFICA / CODING

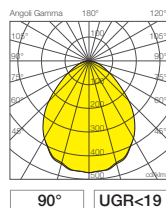
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+	Options
1807		QP	04 = 4000°K (CRI >80)		31	EL	= on/off
		RP				LM	= 1-10v
						LD	= dali
						D1	= dali + em. 1h
						E1	= em. 1h
						E3	= em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	595	595	10	2,7	0,004	100
<b>D2</b>	295	1195	10	2,8	0,004	100



## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. QP / RP

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Mod. QP / RP

Anti-glare microprismatic polycarbonate diffuser



□ RAL 9003

| | 220 V<sub>~</sub> | | -25°C | IP20 | IK07 | RG0 | CRI >80 | 3 step MacAdam | <10% flicker | L90-B10 >50.000h | L80-B50 >90.000h | 7 YEARS WARRANTY



## 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
31	4000K - CRI>80	200	5132	4105	132	4x18W fluo	D1



## Mod. RP

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

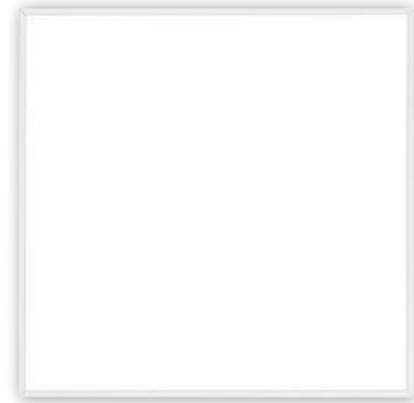
Anti-glare microprismatic polycarbonate diffuser

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
31	4000K - CRI>80	200	5132	4105	132	2x36W fluo	D2

# DASIA

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

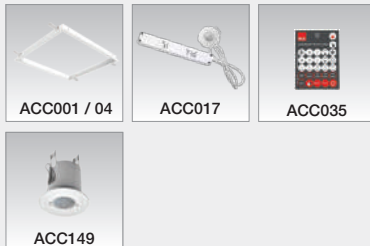
Laying recessed fitting for installation in false ceiling with visible structure 15/24mm. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN /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



## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



RAL 9003

## Δ LUMEN

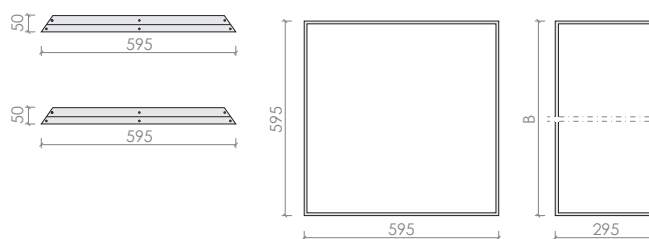
3000°K (CRI >80) = **-5.15%**  
 4000°K (CRI >80) = **standard**  
 4000°K (CRI >90) = **-15.30%**

## CODIFICA / CODING

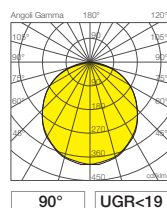
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1808		Q3		04 = 4000°K (CRI >80)		17		EL = on/off
		R3		09 = 4000°K (CRI >90)		34		LM = 1-10v
						35		LD = dali
								D1 = dali + em. 1h
								E1 = em. 1h
								E3 = em. 3h

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	295	595	50	2,0	0,009	100
<b>D2</b>	595	595	50	3,0	0,018	70
<b>D3</b>	295	1195	50	3,2	0,018	70



## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. Q3 / R3

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Mod. Q3 / R3

Anti-glare smooth opal polycarbonate diffuser



## Mod. Q3

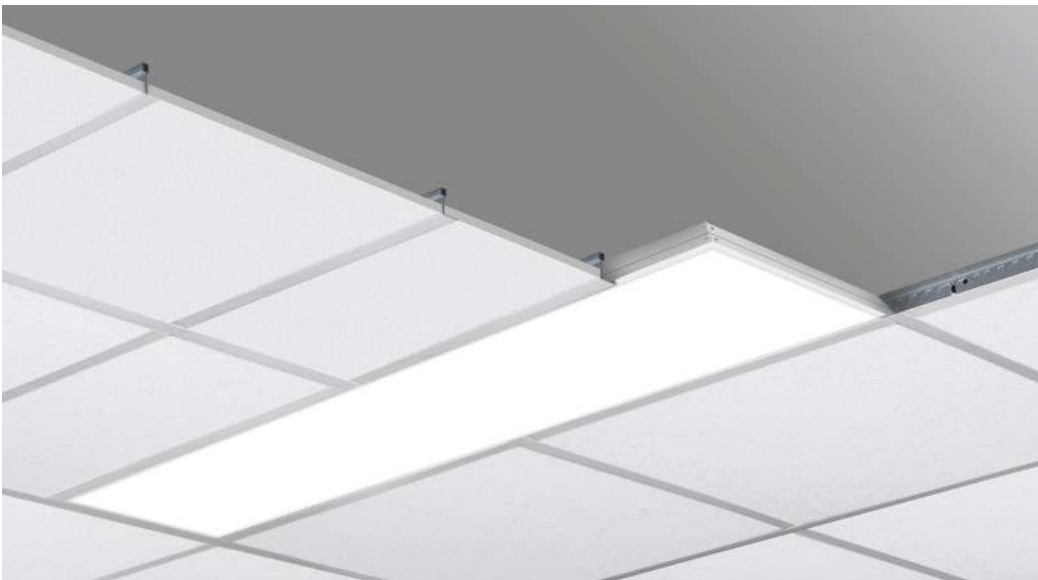
### Ottica

FRAMELESS (senza cornice / tuttoluce)  
Diffusore policarbonato opale liscio  
antiabbagliamento e antiriflesso

### Optic

FRAMELESS (without frame / all-light)  
Anti-glare smooth opal polycarbonate  
diffuser

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
34	4000K - CRI>80	6x10	5527	4046	119	4x18W fluo	D2
35	4000K - CRI>80	4x10	5042	3689	105	4x18W fluo	D2



## Mod. R3

### Ottica

FRAMELESS (senza cornice / tuttoluce)  
Diffusore policarbonato opale liscio  
antiabbagliamento e antiriflesso

### Optic

FRAMELESS (without frame / all-light)  
Anti-glare smooth opal polycarbonate  
diffuser

W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
17	4000K - CRI>80	2x10	2521	1844	109	2x18W fluo	D1
34	4000K - CRI>80	3x20	5527	4046	119	2x36W fluo	D3
35	4000K - CRI>80	2x20	5042	3689	105	2x36W fluo	D3



# ISA

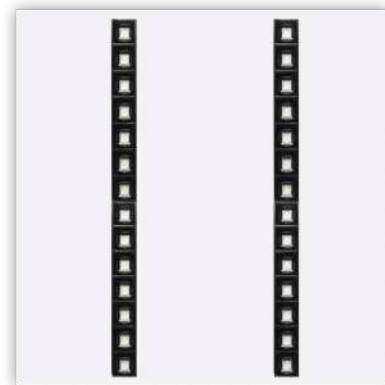
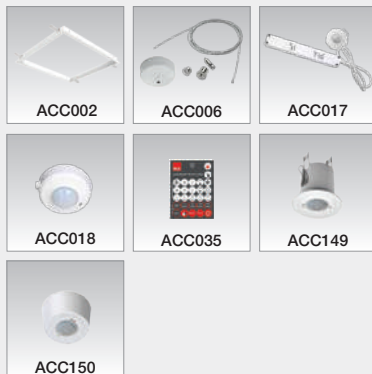
Apparecchio a led multinstallazione, installabile ad incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24mm, a plafone o a sospensione mediante apposito accessorio. Corpo, costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco, antigiallente 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



## ACCESSORI / ACCESSORIES

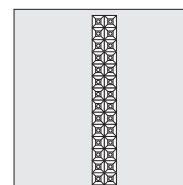
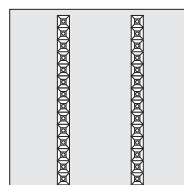
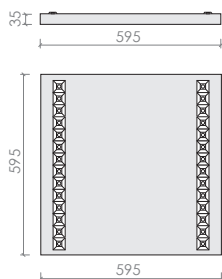


## CODIFICA / CODING

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	
D1	595	595	35	4,5	0,015	 70

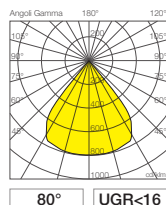


mod. Q1

mod. Q2

mod. Q3

## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. Q1 / Q2 / Q3

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

### Mod. Q1 / Q2 / Q3

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



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. Q1



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

## Mod. Q2



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting

## Mod. Q3



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



Doppia installazione:  
Plafone e incasso

Double installation:  
Recessed and surface mounting



# CAPRI

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 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



## ACCESSORI / ACCESSORIES



ACC001-02-03

ACC017

ACC018

ACC035

ACC150

ACC149

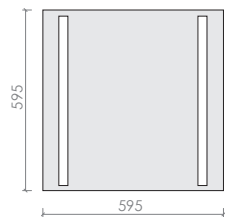


## CODIFICA / CODING

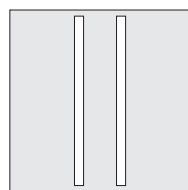
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1853		Q1		03 = 3000°K (CRI >80)		18		EL = on/off
		Q2		04 = 4000°K (CRI >80)		24		LM = 1-10v
		Q4		05 = 5000°K (CRI >80)		33		LD = dali
		R1		65 = 6500°K (CRI >80)		48		D1 = dali + em. 1h
		R2		94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
						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

## DIMENSIONI / DIMENSIONS

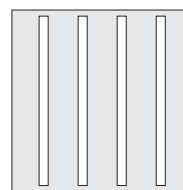
	A	B	C	Kg	mc	
<b>D1</b>	595	595	35	4,5	0,015	70
<b>D2</b>	295	595	35	2,5	0,007	100
<b>D3</b>	295	1195	35	4,5	0,015	70



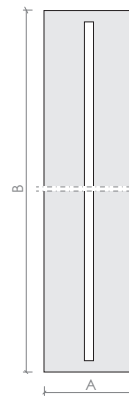
mod. Q1



mod. Q2



mod. Q4

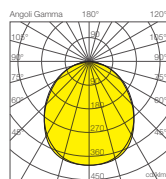


mod. R1



mod. R2

## CURVA FOTOMETRICA / PHOTOMETRY



90° UGR<19

### Mod. QP / RP

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Mod. QP / RP

Anti-glare microprismatic polycarbonate diffuser



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>-15.30%</b>

## Mod. Q1



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

\*4000K CRI>80

## Mod. Q2



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

\*4000K CRI>80

## Mod. Q4



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

\*4000K CRI>80

## Mod. R1-R2



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

\*4000K CRI>80



# 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.

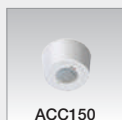
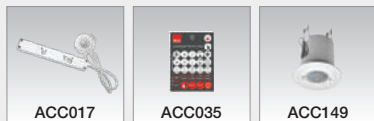
Laying recessed fitting for installation in false ceiling with visible structure 15/24mm. Zinc plated steel sheet body, pre-painted with white polyester resin. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES

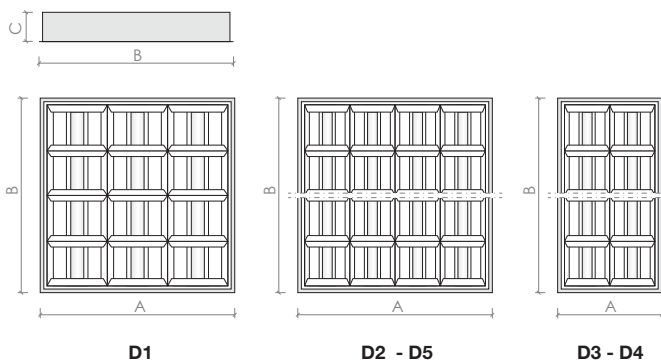


## CODIFICA / CODING

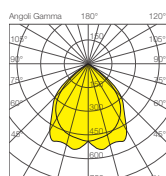
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1120		Q3		03 = 3000°K (CRI >80)		15		EL = on/off
		Q4		04 = 4000°K (CRI >80)		24		LM = 1-10v
		R2		05 = 5000°K (CRI >80)		33		LD = dali
				65 = 6500°K (CRI >80)		37		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		48		E1 = em. 1h
						66		E3 = em. 3h
						72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



## CURVA FOTOMETRICA / PHOTOMETRY



90° UGR<16

### Mod. Q3 / Q4 / R2

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

### Mod. Q3 / Q4 / R2

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



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>

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 | **7** YEARS WARRANTY

## Mod. Q3



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



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



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

# DAMA

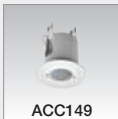
Apparecchio da incasso in appoggio per controsoffitti in pannelli aventi struttura portante a vista 15/24 mm. Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco e antingiallente, con pretrattamento di fosfatazione e sgrassaggio, driver elettronico 220-240V 50/60Hz. 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



## ACCESSORI / ACCESSORIES



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%**

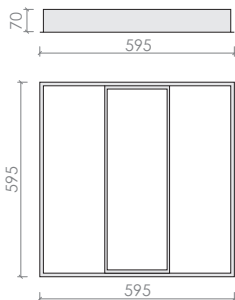


## CODIFICA / CODING

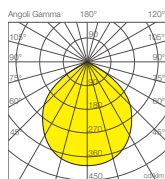
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1891		QP		03 = 3000°K (CRI >80)		27		EL = on/off
				04 = 4000°K (CRI >80)		36		LM = 1-10v
				05 = 5000°K (CRI >80)				LD = dali
				65 = 6500°K (CRI >80)				D1 = dali + em. 1h
				94 = 4000°K (CRI >90)				E1 = em. 1h
								E3 = em. 3h
								BT = bluetooth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

## DIMENSIONI / DIMENSIONS

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



## CURVA FOTOMETRICA / PHOTOMETRY



90° UGR<19

### Mod. QP

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

### Mod. QP

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





## 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

# VENEZIA

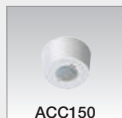
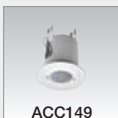
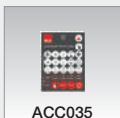
Apparecchio da incasso per controsoffitti in cartongesso, in doghe da 35 mm passo 50, 85 mm passo 100, 135 mm passo 150, 185 mm passo 200 con e senza scuretto. Montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliestere di colore bianco antingiallente 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



## ACCESSORI / ACCESSORIES



□ 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>-15.30%</b>

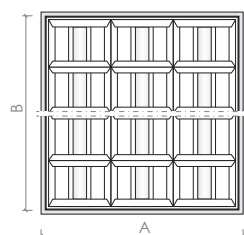
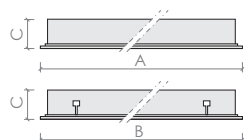


## CODIFICA / CODING

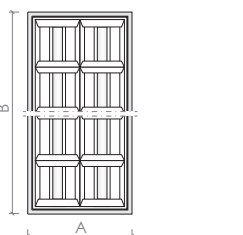
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1100		2Q		03 = 3000°K (CRI >80)		15 38		EL = on/off
		2R		04 = 4000°K (CRI >80)		17 48		LM = 1-10v
		3Q		05 = 5000°K (CRI >80)		24 60		LD = dali
		3R		65 = 6500°K (CRI >80)		32 64		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		33 66		E1 = em. 1h
						37 72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

## DIMENSIONI / DIMENSIONS

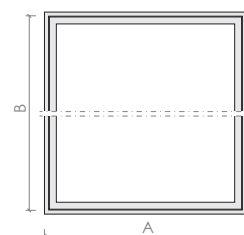
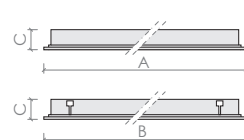
	A	B	C	Kg	mc			A	B	C	Kg	mc		
<b>D1</b>	620	620	85	5,0	0,045	50		<b>D6</b>	620	620	60	5,0	0,026	50
<b>D2</b>	320	620	85	3,0	0,023	100		<b>D7</b>	320	620	60	3,0	0,015	100
<b>D3</b>	320	1220	85	5,0	0,035	50		<b>D8</b>	320	1220	60	5,0	0,027	50
<b>D4</b>	320	1520	85	5,5	0,043	50		<b>D9</b>	320	1520	60	5,5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



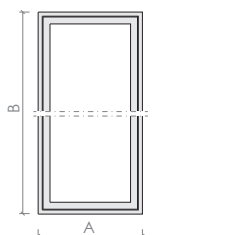
**D1**



**D2-D3-D4-D5**

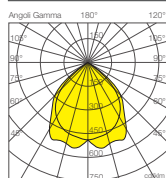


**D6**



**D7-D8-D9-D10**

## CURVA FOTOMETRICA / PHOTOMETRY



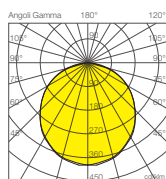
90° UGR<16

### Mod. 2Q / 2R

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

### Mod. 2Q / 2R

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



90° UGR<19

### Mod. 3Q / 3R

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

### Mod. 3Q / 3R

Anti-glare smooth opal polycarbonate diffuser

## Mod. 2Q



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

\*4000K CRI>80

## Mod. 2R



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

\*4000K CRI>80

## Mod. 3Q



W tot.	n° Led	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
32	120	5211	3882	121	4x18W fluo	D6
38	120	5978	4453	117	4x18W fluo	D6

\*4000K CRI>80

## Mod. 3R



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

\*4000K CRI>80



# SIRACUSA

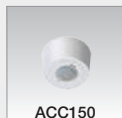
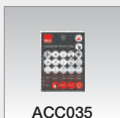
Apparecchio da incasso per controsoffitti in cartongesso o in doghe 35 mm passo 50, 85 mm passo 100, 185 mm passo 200, con e senza scuretto, montaggio a staffe (incluse nella confezione). Costruito in lamiera d'acciaio, verniciato con polveri epossipoliesteri di colore bianco antingiallente con finitura 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



## ACCESSORI / ACCESSORIES



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>



## CODIFICA / CODING

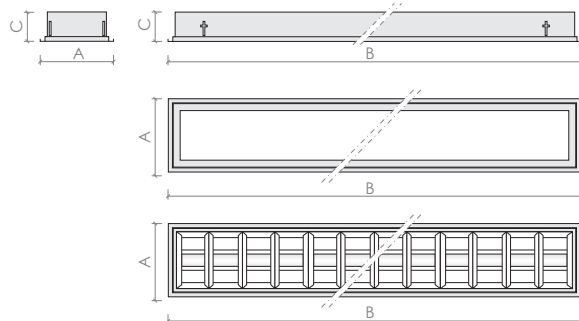
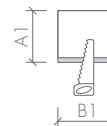
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1160	+	2R	+	03	+	12	+	EL = on/off
		3R		04		15		LM = 1-10v
		RP		05		23		LD = dali
		65		28		D1 = dali + em. 1h		
		94		33		E1 = em. 1h		
								E3 = em. 3h
								BT = bluetooth Dali

## DIMENSIONI / DIMENSIONS

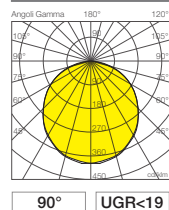
	A	B	C	Kg	mc	
<b>D1</b>	225	660	85	3,8	0,015	70
<b>D2</b>	225	1270	85	5,9	0,030	50
<b>D3</b>	225	1570	85	6,8	0,037	50

## FORO INCASSO / RECESSED HOLE

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

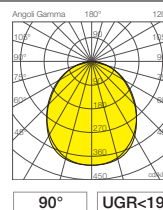


## CURVA FOTOMETRICA / PHOTOMETRY



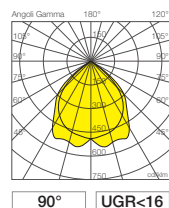
**Mod. 3R**  
Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso

**Mod. 3R**  
Anti-glare smooth opal polycarbonate diffuser



**Mod. RP**  
Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

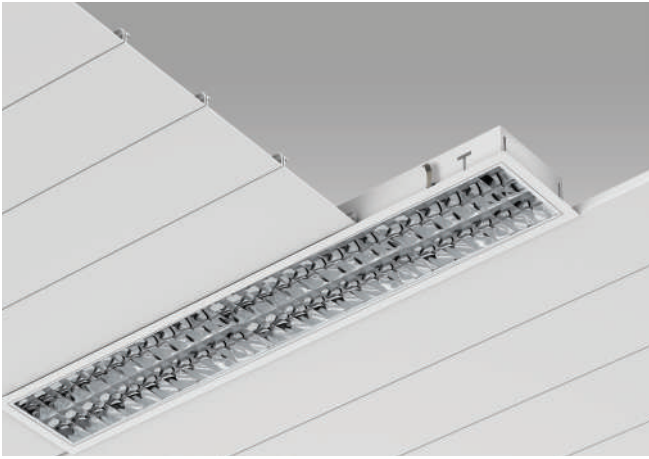
**Mod. RP**  
Anti-glare microprismatic polycarbonate diffuser



**Mod. 2R**  
Optica dark light a doppia parabolicità a bassa luminanza (60° 200 cd/mq cat2). Diffusore di copertura dei led in PMMA satinato antiabbagliamento.

**Mod. 2R**  
Dark light lower with double parabolic low luminance (60° 200 cd/mq cat2). LED covering diffuser in glazed anti-glare PMMA.

## Mod. 2R



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

\*4000K CRI>80

## Mod. 3R



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

\*4000K CRI>80

## Mod. RP



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

\*4000K CRI>80

# OSLO

Faretto da incasso quadrato e rettangolare per qualsiasi tipo di controsoffitto. Cornice costruita in lamiera d'acciaio, verniciata con polveri epossipoliestere 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.



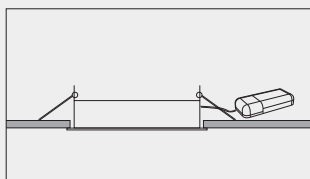
## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



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

## CODIFICA / CODING

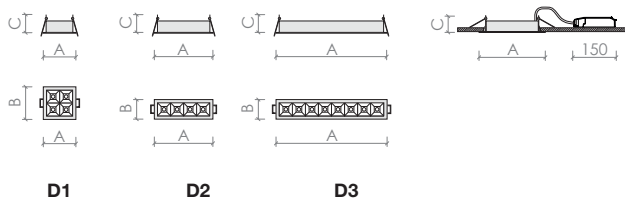
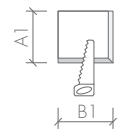
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
6010		2N		03 = 3000°K (CRI >80)		08		EL = on/off
		2B		04 = 4000°K (CRI >80)		13		LM = 1-10v
		4N		05 = 5000°K (CRI >80)		17		LD = dali
		4B		65 = 6500°K (CRI >80)		26		
		8N		94 = 4000°K (CRI >90)				
		8B						

## DIMENSIONI / DIMENSIONS

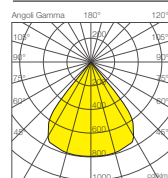
	A	B	C	Kg	mc	
<b>D1</b>	95	95	52	0,4	0,001	100
<b>D2</b>	175	55	52	0,5	0,001	100
<b>D3</b>	335	55	52	0,6	0,002	100

## FORO INCASSO / RECESSED HOLE

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



## CURVA FOTOMETRICA / PHOTOMETRY



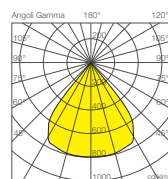
80° UGR<19

### Mod. 2N / 4N / 8N

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

### Mod. 2N / 4N / 8N

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



80° UGR<19

### Mod. 2B / 4B / 8B

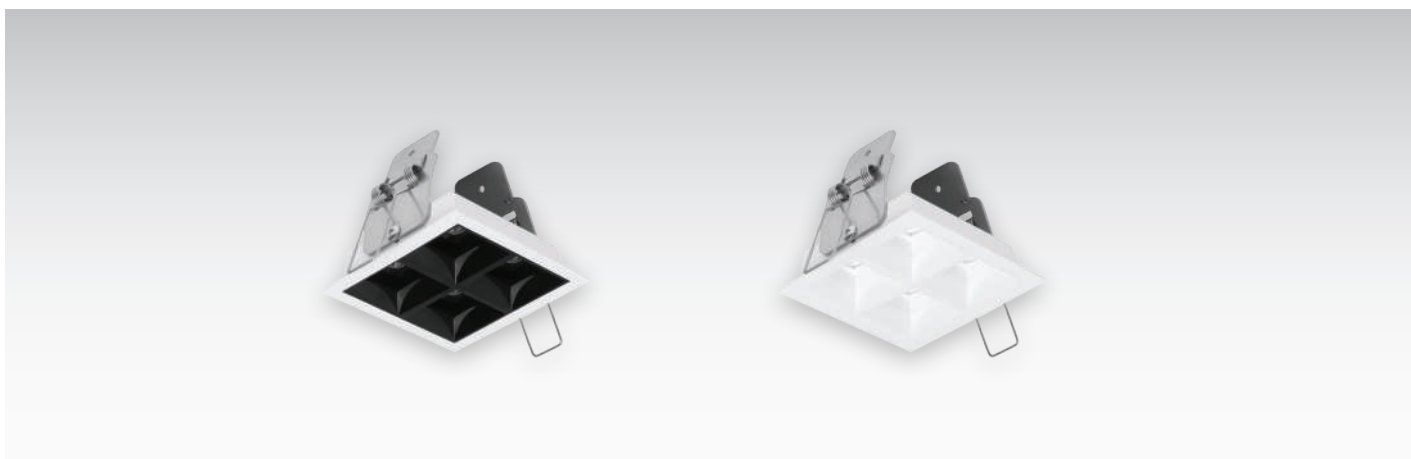
Riflettore antiabbagliamento in PMMA verniciato bianco lucido con lente direzionale interna in policarbonato ad alto rendimento di flusso e UGR controllato <19

### Mod. 2B / 4B / 8B

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

## Mod. 2N

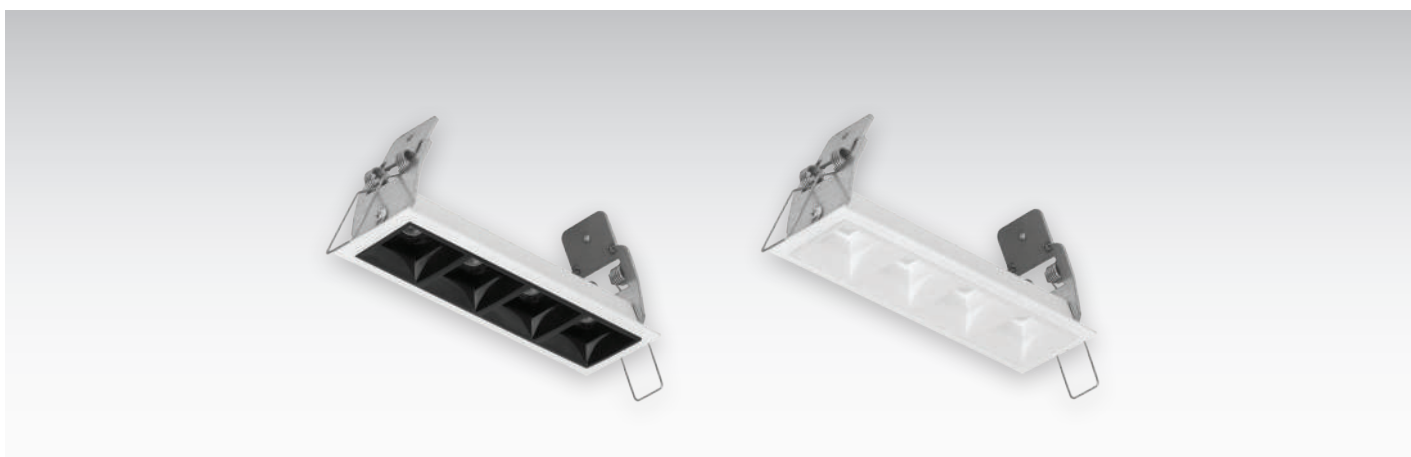
## Mod. 2B



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

## Mod. 4N

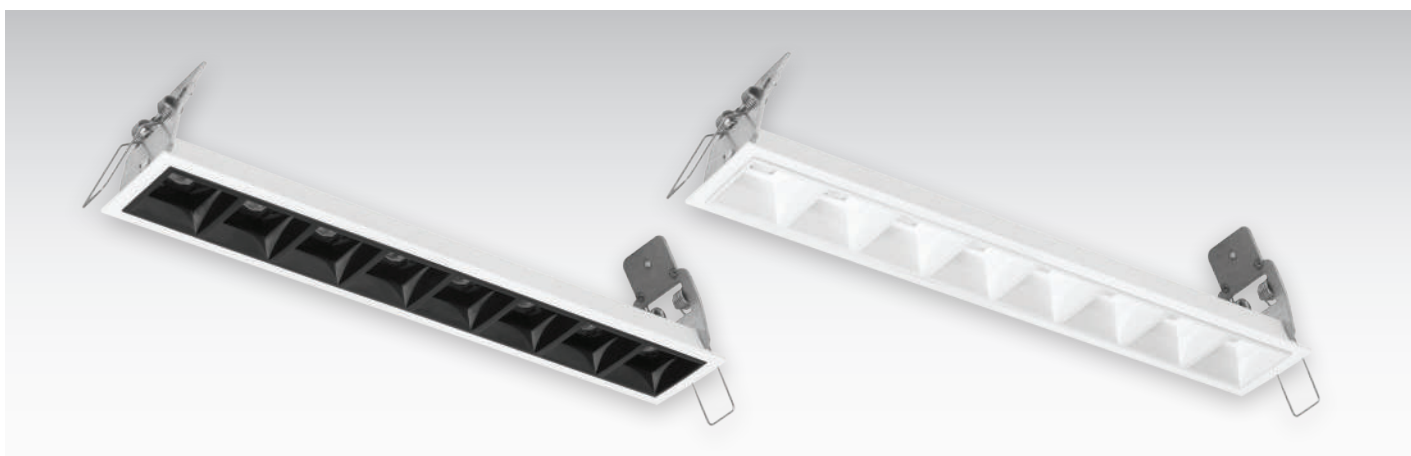
## Mod. 4B



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

## Mod. 8B



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.

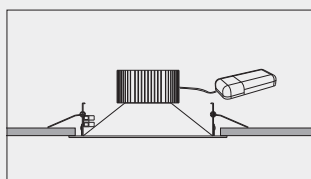
## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



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  
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%**



## 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

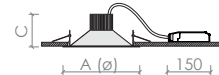


RAL 9005

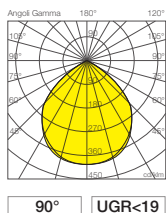
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
6001		12		03 = 3000°K (CRI >80)		11 30		NL = on/off
		15		04 = 4000°K (CRI >80)		13 40		NM = 1-10v
		18		05 = 5000°K (CRI >80)		18 55		ND = dali
		20		65 = 6500°K (CRI >80)		20 75		M1 = dali + em. 1h
		24		93 = 3000°K (CRI >90)		26		N1 = em. 1h
				94 = 4000°K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

## 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



## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. 12 / 15 / 18 / 20 / 24

Riflettore in alluminio anodizzato, diffusore in policarbonato microprismatico antiabbagliamento

### Mod. 12 / 15 / 18 / 20 / 24

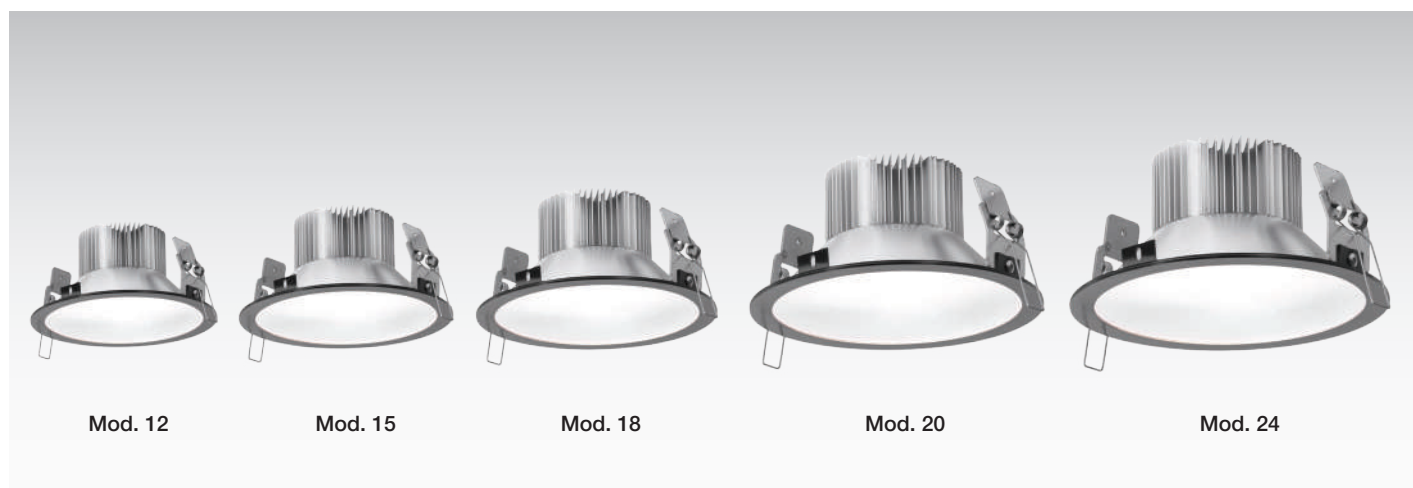
Anodized aluminium reflector, anti-glare microprismatic polycarbonate diffuser

## COLORE BIANCO / WHITE COLOR



W tot.	°K - CRI	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension				
11	4000K - CRI>80	1	1880	1353	123	1x26W FL-C	D1	D2	D3	D4	D5
13	4000K - CRI>80	1	2260	1627	125	1x26W FL-C	D1	D2	D3	D4	D5
18	4000K - CRI>80	1	3192	2298	128	1x26W FL-C	D1	D2	D3	D4	D5
20	4000K - CRI>80	1	3299	2375	119	2x26W FL-C	D1	D2	D3	D4	D5
26	4000K - CRI>80	1	4395	3164	122	2x26W FL-C	D1	D2	D3	D4	D5
30	4000K - CRI>80	1	4038	2907	97	70W JM	D1	D2	D3	D4	D5
40	4000K - CRI>80	1	6389	4600	115	400W ALO	D1	D2	D3	D4	D5
55	4000K - CRI>80	1	8336	6001	109	500W ALO	-	D2	D3	D4	D5
75	4000K - CRI>80	1	10648	7666	102	150W JM	-	D2	D3	D4	D5

## COLORE NERO / BLACK COLOR



W tot.	°K - CRI	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension				
11	4000K - CRI>80	1	1880	1353	123	1x26W FL-C	D1	D2	D3	D4	D5
13	4000K - CRI>80	1	2260	1627	125	1x26W FL-C	D1	D2	D3	D4	D5
18	4000K - CRI>80	1	3192	2298	128	1x26W FL-C	D1	D2	D3	D4	D5
20	4000K - CRI>80	1	3299	2375	119	2x26W FL-C	D1	D2	D3	D4	D5
26	4000K - CRI>80	1	4395	3164	122	2x26W FL-C	D1	D2	D3	D4	D5
30	4000K - CRI>80	1	4038	2907	97	70W JM	D1	D2	D3	D4	D5
40	4000K - CRI>80	1	6389	4600	115	400W ALO	D1	D2	D3	D4	D5
55	4000K - CRI>80	1	8336	6001	109	500W ALO	-	D2	D3	D4	D5
75	4000K - CRI>80	1	10648	7666	102	150W JM	-	D2	D3	D4	D5

# 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 220-240V 50/60 Hz class II. Manufactured in accordance with EN / IEC 60598-1:2018.

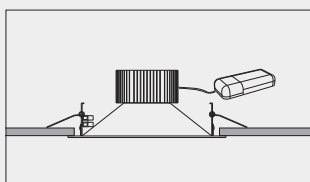
## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



Installazione ad incasso per controsoffitti in cartongesso  
Plasterboard installation



Apparecchio adatto per installazione ad incasso per controsoffitti in cartongesso.

Installation on plasterboard false ceilings.

A++

□ RAL 9003

■ RAL 9005

## 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>



## 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	

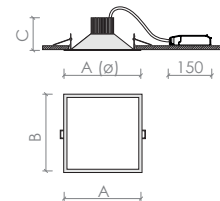
## CODIFICA - colore nero / CODING - black color



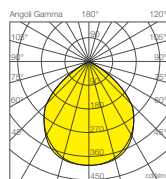
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9005
6002		12		03 = 3000°K (CRI >80)		11 30		NL = on/off	
		15		04 = 4000°K (CRI >80)		13 40		NM = 1-10v	
		18		05 = 5000°K (CRI >80)		18 55		ND = dali	
		20		65 = 6500°K (CRI >80)		20 75		M1 = dali + em. 1h	
		24		93 = 3000°K (CRI >90)		26		N1 = em. 1h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



## CURVA FOTOMETRICA / PHOTOMETRY



90° UGR<19

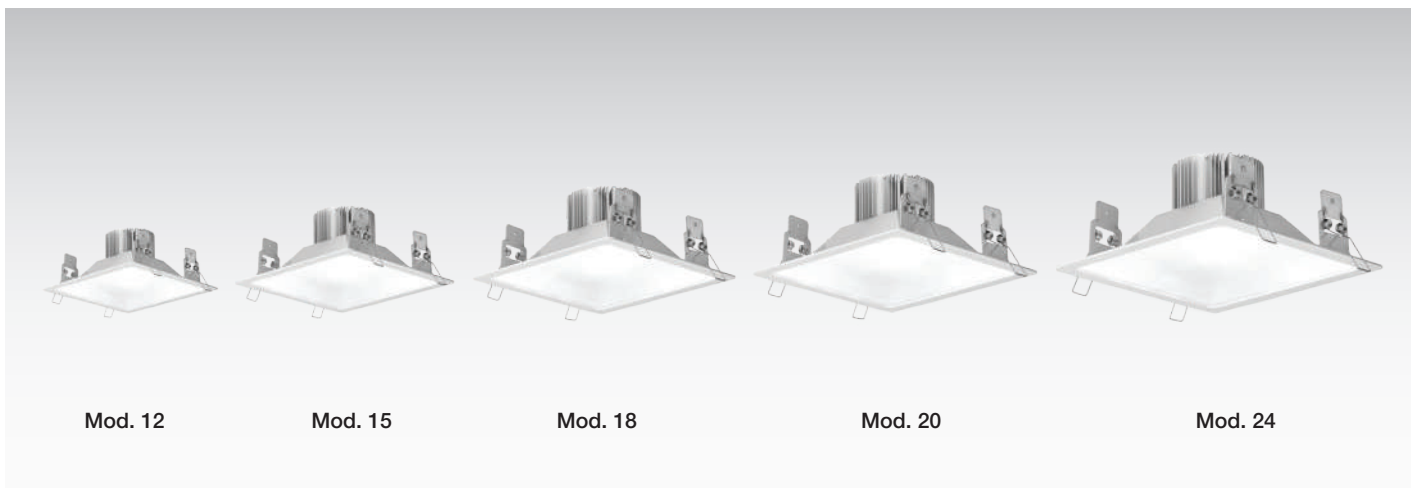
### Mod. 12 / 15 / 18 / 20 / 24

Riflettore in alluminio anodizzato, diffusore in policarbonato microprismatico antiabbagliamento

### Mod. 12 / 15 / 18 / 20 / 24

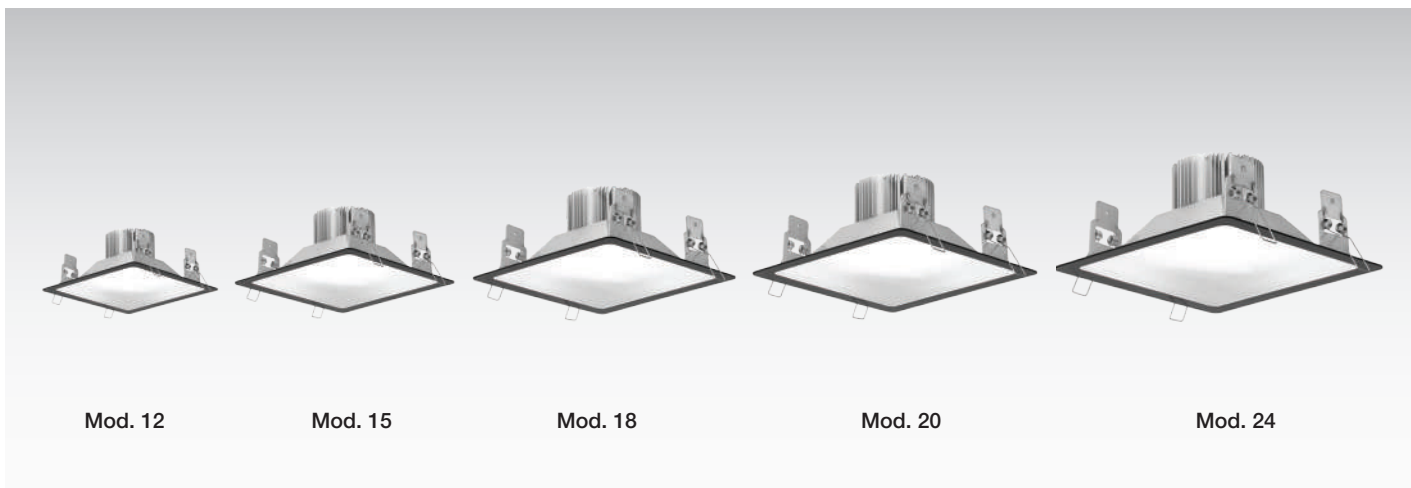
Anodized aluminium reflector, anti-glare microprismatic polycarbonate diffuser

## COLORE BIANCO / WHITE COLOR



W tot.	°K - CRI	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension				
11	4000K - CRI>80	1	1880	1353	123	1x26W FL-C	D1	D2	D3	D4	D5
13	4000K - CRI>80	1	2260	1627	125	1x26W FL-C	D1	D2	D3	D4	D5
18	4000K - CRI>80	1	3192	2298	128	1x26W FL-C	D1	D2	D3	D4	D5
20	4000K - CRI>80	1	3299	2375	119	2x26W FL-C	D1	D2	D3	D4	D5
26	4000K - CRI>80	1	4395	3164	122	2x26W FL-C	D1	D2	D3	D4	D5
30	4000K - CRI>80	1	4038	2907	97	70W JM	D1	D2	D3	D4	D5
40	4000K - CRI>80	1	6389	4600	115	400W ALO	D1	D2	D3	D4	D5
55	4000K - CRI>80	1	8336	6001	109	500W ALO	-	D2	D3	D4	D5
75	4000K - CRI>80	1	10648	7666	102	150W JM	-	D2	D3	D4	D5

## COLORE NERO / BLACK COLOR



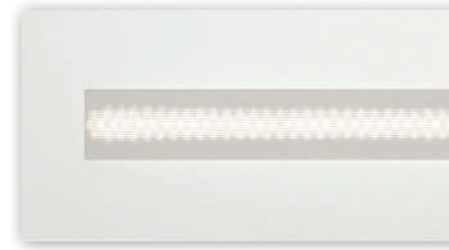
W tot.	°K - CRI	n° Led	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension				
11	4000K - CRI>80	1	1880	1353	123	1x26W FL-C	D1	D2	D3	D4	D5
13	4000K - CRI>80	1	2260	1627	125	1x26W FL-C	D1	D2	D3	D4	D5
18	4000K - CRI>80	1	3192	2298	128	1x26W FL-C	D1	D2	D3	D4	D5
20	4000K - CRI>80	1	3299	2375	119	2x26W FL-C	D1	D2	D3	D4	D5
26	4000K - CRI>80	1	4395	3164	122	2x26W FL-C	D1	D2	D3	D4	D5
30	4000K - CRI>80	1	4038	2907	97	70W JM	D1	D2	D3	D4	D5
40	4000K - CRI>80	1	6389	4600	115	400W ALO	D1	D2	D3	D4	D5
55	4000K - CRI>80	1	8336	6001	109	500W ALO	-	D2	D3	D4	D5
75	4000K - CRI>80	1	10648	7666	102	150W JM	-	D2	D3	D4	D5



# 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



## ACCESSORI / ACCESSORIES



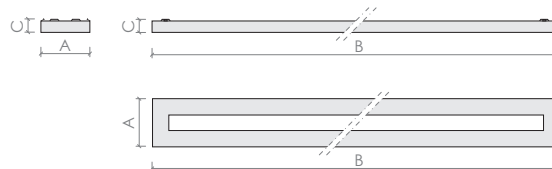
## CODIFICA / CODING

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

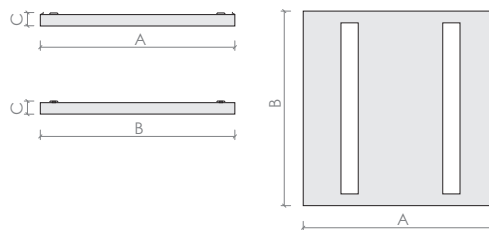
## DIMENSIONI / DIMENSIONS

	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

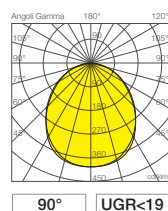
### D1 - D2 - D3



### D4



## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. RP / QP

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Mod. RP / QP

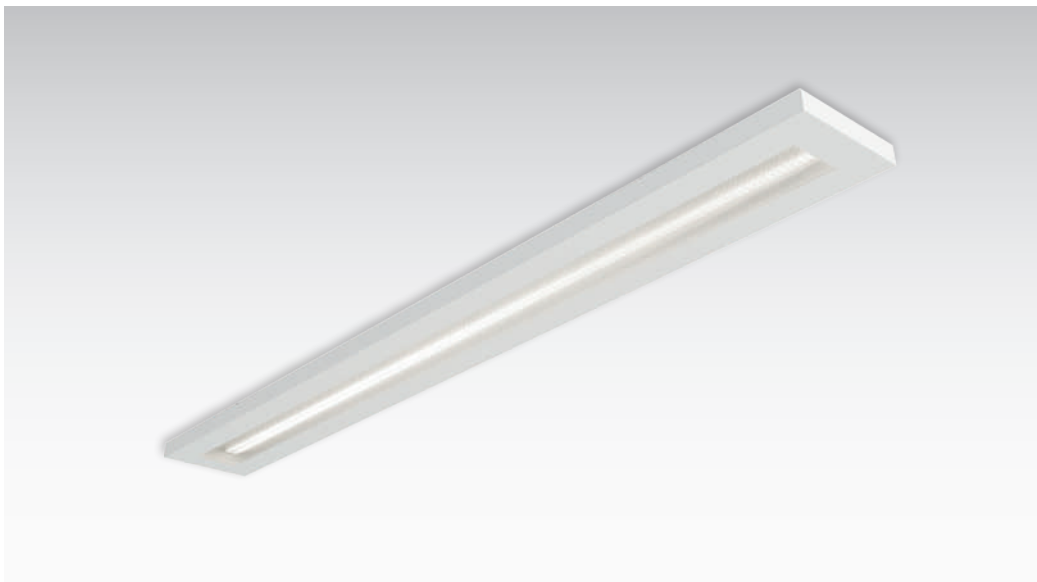
Anti-glare microprismatic polycarbonate diffuser



□ 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. 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	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

### 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
33	4000K - CRI>80	2x64	5919	4261	129	4x18W fluo	D4
48	4000K - CRI>80	2x64	8306	5980	125	4x24W fluo	D4

# 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.

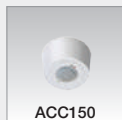
Surface mounted or suspended fitting. Steel sheet body, painted with embossed white anti-yellowing epoxy-polyester powder, including phosphating and degreasing pre-treatment. Electronic driver 220-240V 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION




## ACCESSORI / ACCESSORIES

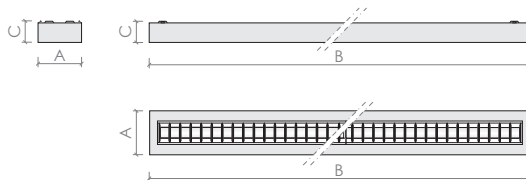


## CODIFICA / CODING

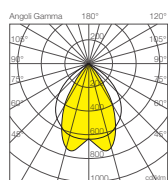
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2012		R2		03 = 3000°K (CRI >80)		10 33		EL = on/off
				04 = 4000°K (CRI >80)		15 38		LM = 1-10v
				05 = 5000°K (CRI >80)		21 48		LD = dali
				65 = 6500°K (CRI >80)		23 60		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		28		E1 = em. 1h
								E3 = em. 3h
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



## CURVA FOTOMETRICA / PHOTOMETRY



80° UGR<19

### Mod. R2

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

### Mod. R2

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



□ 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. 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

# DIVA

Apparecchio lineare a plafone per installazione a soffitto o sospensione. Corpo in trafilato di alluminio verniciato con polveri epossipoliesteri di colore bianco antiingiallente 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



## ACCESSORI / ACCESSORIES



A++

□ 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%**



## CODIFICA - colore bianco / CODING - white color

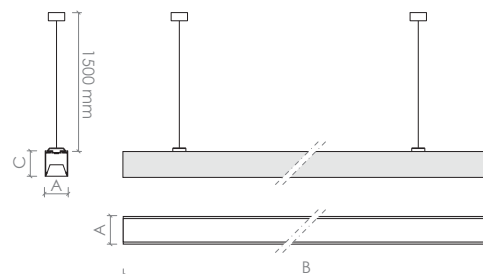
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options	RAL 9003
2002		R3		3 = 3000°K (CRI >80)		016 048		BL = on/off	
				4 = 4000°K (CRI >80)		024 060		BM = 1-10v	
				5 = 5000°K (CRI >80)		032 080		BD = dali	
				6 = 6500°K (CRI >80)		040 120		B1 = em. 1h	
				9 = 4000°K (CRI >90)				B3 = em. 3h	
								BT =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

## CODIFICA - colore nero / CODING - black color

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

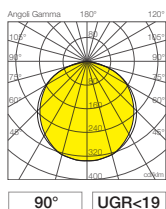
## DIMENSIONI / DIMENSIONS

	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	2800	85	5,1	0,022	30



D1 - D2 - D3 - D4

## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. R3

Diffusore policarbonato opale liscio antiabbagliamento e antiriflesso. (ACCESSORIO)

### Mod. R3

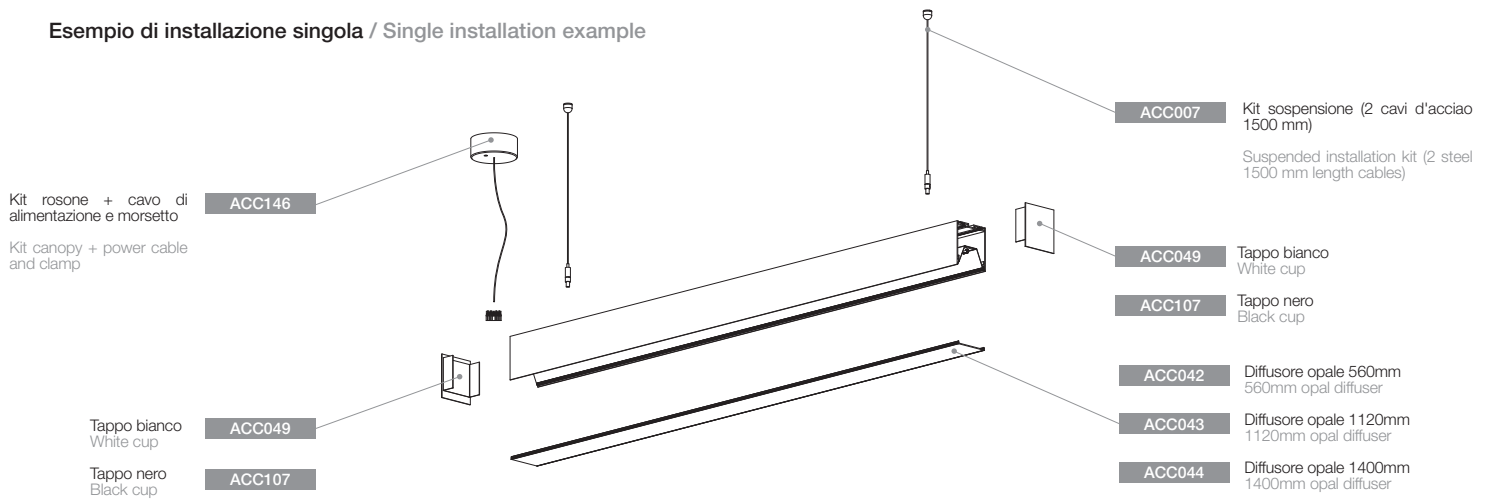
Anti-glare smooth opal polycarbonate diffuser. (ACCESSORY)

# Mod. R3

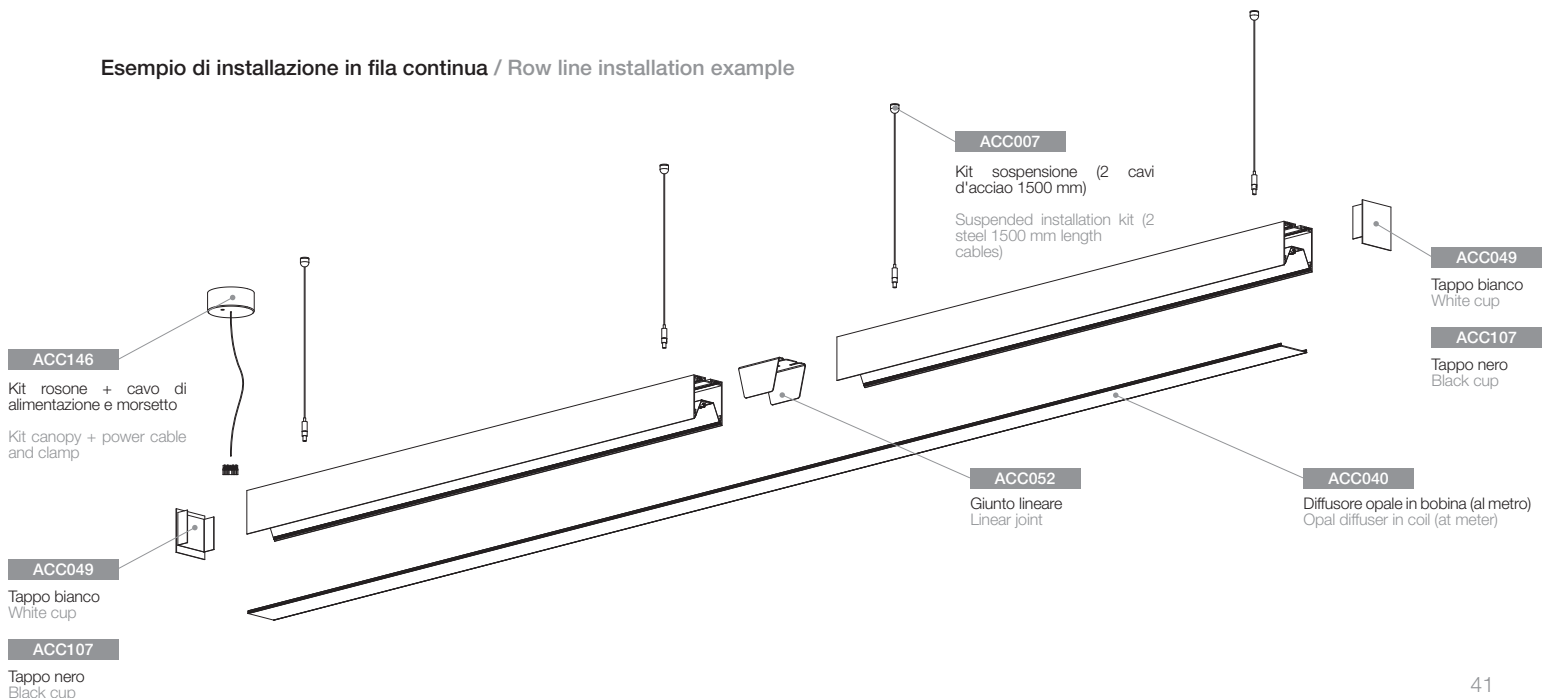


W tot.	°K - CRI	mA	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
16	4000K - CRI>80	350	2678	2030	127	2x18W fluo	D1
32	4000K - CRI>80	350	5356	4061	127	2x36W fluo	D2
40	4000K - CRI>80	350	6695	5076	127	2x49W fluo	D3
80	4000K - CRI>80	350	13390	10153	127	4x49W fluo	D4
24	4000K - CRI>80	500	3655	2769	115	2x24W fluo	D1
48	4000K - CRI>80	500	7310	5541	115	2x54W fluo	D2
60	4000K - CRI>80	500	9138	6926	115	2x58W fluo	D3
120	4000K - CRI>80	500	18276	13853	115	4x58W fluo	D4

## Esempio di installazione singola / Single installation example



## Esempio di installazione in fila continua / Row line installation example









Protetti  
Protected



# 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



## ACCESSORI / ACCESSORIES



RAL 9003


## Δ LUMEN

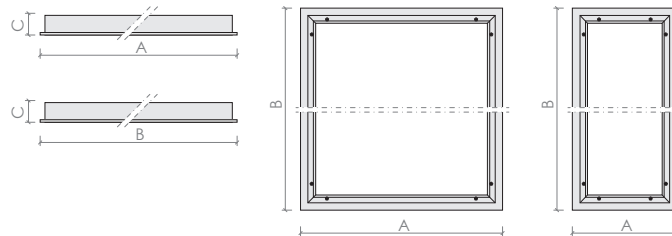
3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>

## CODIFICA / CODING

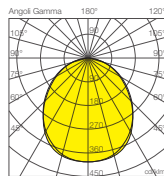
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		Q6P		3 = 3000°K (CRI >80)		32		EL = on/off
		R6P		4 = 4000°K (CRI >80)		38		LM = 1-10v
				5 = 5000°K (CRI >80)		48		LD = dali
				6 = 6500°K (CRI >80)		72		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		92		E1 = em. 1h
						12 =120W		E3 = em. 3h

## 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



## CURVA FOTOMETRICA / PHOTOMETRY



90° UGR<19

### Mod. Q6P / R6P

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Mod. Q6P / R6P

Anti-glare microprismatic polycarbonate diffuser



## Mod. Q6P / R6P

### Optica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser

### 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

# 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 anti-ingiallente 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




## ACCESSORI / ACCESSORIES



## CODIFICA / CODING

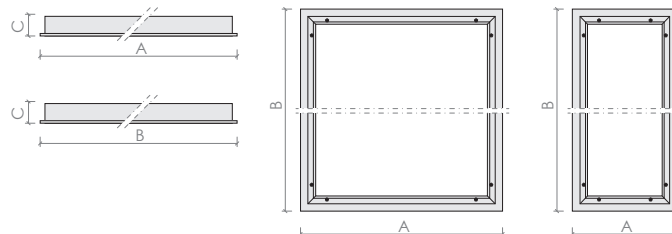
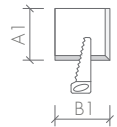
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1810		SV		3 = 3000°K (CRI >80)		032		EL = on/off
		SN		4 = 4000°K (CRI >80)		038		LM = 1-10v
		RV		5 = 5000°K (CRI >80)		048		LD = dali
		RN		6 = 6500°K (CRI >80)		072		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		092		E1 = em. 1h
						120		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

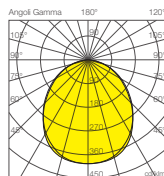
	A	B	C	Kg	mc	
<b>D1</b>	620	620	70	7,5	0,031	50
<b>D2</b>	598	598	70	7,5	0,026	50
<b>D3</b>	320	1220	70	7,5	0,031	50
<b>D4</b>	298	1198	70	7,5	0,026	50

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	585	585
<b>D3</b>	285	1185



## CURVA FOTOMETRICA / PHOTOMETRY



90° UGR<19

### Mod. SV / SN / RV / RN

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Mod. SV / SN / RV / RN

Anti-glare microprismatic polycarbonate diffuser

**A++**

□ 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>



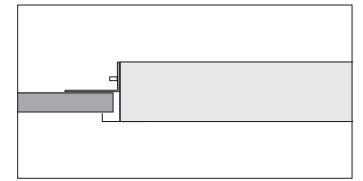
## Mod. SV / RV

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



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

Installation on plasterboard false ceilings. Brackets included

### Mod. SV / RV

W tot.	°K - CRI	n° Led SV	n° Led RV	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension SV	dimension RV
32	4000K - CRI>80	120	120	5211	3663	114	4x18W fluo	D1	D3
38	4000K - CRI>80	120	120	5978	4202	111	4x18W fluo	D1	D3
48	4000K - CRI>80	6x32	3x64	8084	5683	118	4x24W fluo	D1	D3
72	4000K - CRI>80	6x32	3x64	11099	7802	108	4x40W FL-C	D1	D3
92	4000K - CRI>80	6x64	3x128	14825	10421	113	4x40W FL-C	D1	D3
120	4000K - CRI>80	6x64	3x128	19290	13560	113	4x55W FL-C	D1	D3



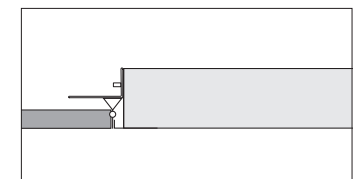
## Mod. SN / RN

### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser



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

Installation on false ceiling with hidden structure. Brackets included

### Mod. SN / RN

W tot.	°K - CRI	n° Led SN	n° Led RN	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension SN	dimension RN
32	4000K - CRI>80	120	120	5211	3663	114	4x18W fluo	D2	D4
38	4000K - CRI>80	120	120	5978	4202	111	4x18W fluo	D2	D4
48	4000K - CRI>80	6x32	3x64	8084	5683	118	4x24W fluo	D2	D4
72	4000K - CRI>80	6x32	3x64	11099	7802	108	4x40W FL-C	D2	D4
92	4000K - CRI>80	6x64	3x128	14825	10421	113	4x40W FL-C	D2	D4
120	4000K - CRI>80	6x64	6x64	19290	13560	113	4x55W FL-C	D2	D4



# 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



## ACCESSORI / ACCESSORIES



□ 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>

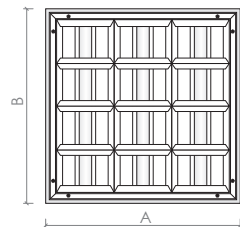
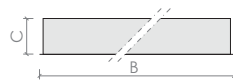


## CODIFICA / CODING

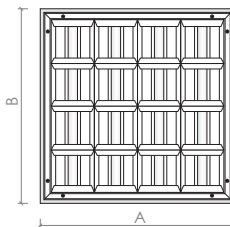
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1120		Q65		3 = 3000°K (CRI >80)		24		EL = on/off
				4 = 4000°K (CRI >80)		33		LM = 1-10v
				5 = 5000°K (CRI >80)		37		LD = dali
				6 = 6500°K (CRI >80)		48		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		64		E1 = em. 1h
						72		E3 = em. 3h

## 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

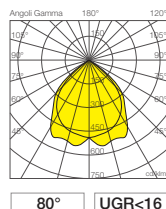


**D1**



**D2**

## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. Q65

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

### Mod. Q65

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



## Mod. Q65

### 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

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

# 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



## ACCESSORI / ACCESSORIES



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>



## CODIFICA / CODING

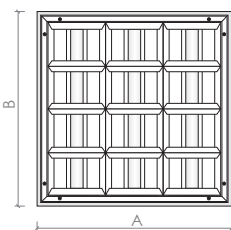
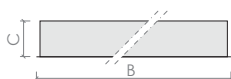
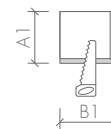
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
1120		SV		30 = 3000°K (CRI >80)		24		EL = on/off
		SN		40 = 4000°K (CRI >80)		33		LM = 1-10v
				50 = 5000°K (CRI >80)		37		LD = dali
				65 = 6500°K (CRI >80)		48		D1 = dali + em. 1h
				94 = 4000°K (CRI >90)		64		E1 = em. 1h
						72		E3 = em. 3h

## DIMENSIONI / DIMENSIONS

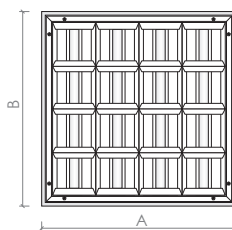
	A	B	C	Kg	mc	Icon
<b>D1</b>	620	620	110	10,0	0,048	30
<b>D2</b>	620	620	110	10,0	0,048	30
<b>D3</b>	598	598	110	10,0	0,044	30
<b>D4</b>	598	598	110	10,0	0,044	30

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	610	610
<b>D2</b>	610	610

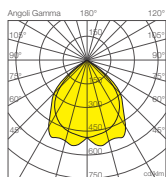


D1- D3



D2 - D4

## CURVA FOTOMETRICA / PHOTOMETRY



80° UGR<16

### Mod. SV / SN

Optica 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

### Mod. SV / SN

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



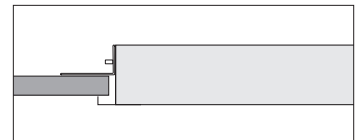
## Mod. SV

### 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



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

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



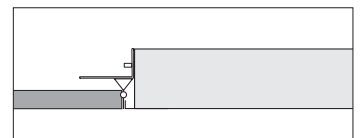
## Mod. SN

### 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



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

Installation on false ceiling with hidden structure. 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









# Proiettori Floodlights



# 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.

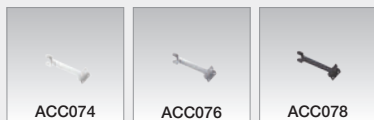
Outdoor and indoor floodlight. Die cast aluminium body, painted with epoxy polyester powders, silver, anthracite or white color, main voltage 220-240V, 50/60 Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



### 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%**

## CODIFICA - colore bianco / CODING - white color



Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
7025		PR	30 = 3000°K (CRI >80)		30	BL = RAL 9010 <input type="checkbox"/>
		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 <input type="checkbox"/>
		AR	40 = 4000°K (CRI >80)			G4 = Input 240Vac
			50 = 5000°K (CRI >80)			

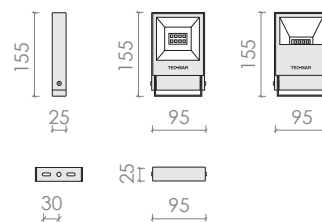
## CODIFICA - colore antracite / CODING - anthracite color



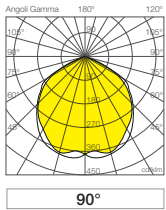
Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
7025		PR	30 = 3000°K (CRI >80)		30	EL = RAL 7015 <input type="checkbox"/>
		AR	40 = 4000°K (CRI >80)			E4 = Input 240Vac
			50 = 5000°K (CRI >80)			

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc
D1	95	25	155	0,5	0,001 300



## Mod. PR

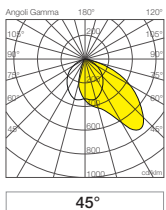


**Ottica**  
Riflettore simmetrico 90° in alluminio satinato

**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

# POLAR 1

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.



 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



## 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.



**A++**



## Δ LUMEN

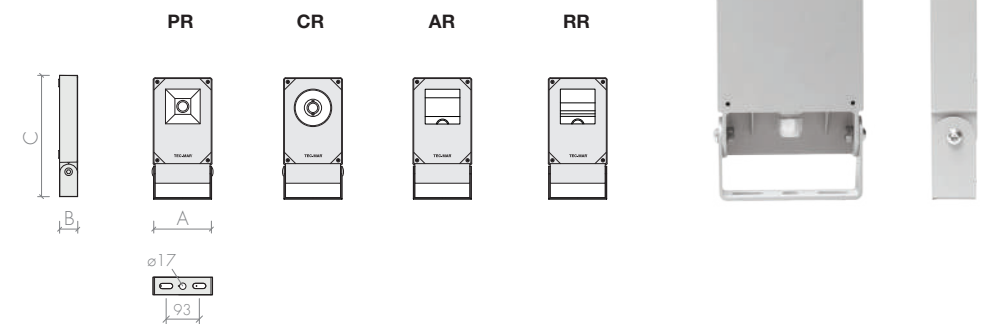
2200°K (CRI >80) = **-19.85%**  
3000°K (CRI >80) = **-5.28%**  
3000°K (CRI >90) = **-18.15%**  
4000°K (CRI >80) = **standard**  
4000°K (CRI >90) = **-14.33%**  
5000°K (CRI >80) = **+0.90%**  
6500°K (CRI >80) = **+0.00%**

## CODIFICA / CODING

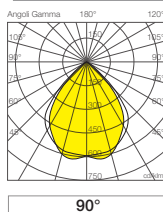
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
7026		PR	22 = 2200°K (CRI >80)		30	GL = on/off
		CR	30 = 3000°K (CRI >80)		40	GM = 1-10v
		AR	40 = 4000°K (CRI >80)		50	GD = dali
		RR	50 = 5000°K (CRI >80)		68	GV = vetro infrangibile / shatterproof glass
			65 = 6500°K (CRI >80)			GA = vetro acidato / acid-etched 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>

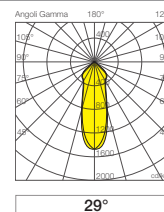


## CURVA FOTOMETRICA / PHOTOMETRY



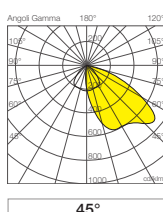
**Mod. PR**  
Riflettore simmetrico 90° in alluminio satinato

**Mod. PR**  
90° wide beam matt satin aluminium reflector



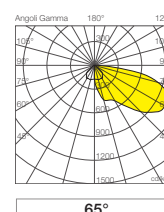
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



**Mod. AR**  
Riflettore asimmetrico 45° in alluminio satinato


**Mod. AR**  
45° asymmetric beam matt satin aluminium reflector



**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector

  220 V<sub>~</sub> 240 | -25°C | IP66 | IK08 | RG0 | CRI >80 | CRI >90 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  **7 YEARS WARRANTY**

 **10 kV**



## Mod. PR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
30	4000	4518	3624	121	70W JM	D1
40	4000	6763	5424	136	70W JM/SAP	D1
50	4000	8459	6784	136	100W JM	D1
68	4000	9895	8017	118	150W JM	D1

\*4000K CRI>80



## Mod. CR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
30	4000	4518	3479	116	70W JM	D1
40	4000	6763	5207	130	70W JM/SAP	D1
50	4000	8459	6512	130	100W JM	D1
68	4000	9895	7696	113	150W JM	D1

\*4000K CRI>80



## Mod. AR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
30	4000	4518	3415	114	70W JM	D1
40	4000	6763	5111	128	70W JM/SAP	D1
50	4000	8459	6392	128	100W JM	D1
68	4000	9895	7555	111	150W JM	D1

\*4000K CRI>80



## Mod. RR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
30	4000	4518	3244	108	70W JM	D1
40	4000	6763	4855	121	70W JM/SAP	D1
50	4000	8459	6073	121	100W JM	D1
68	4000	9895	7177	106	150W JM	D1

\*4000K CRI>80

# 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.

 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



### 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.



**A++**

### 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%**

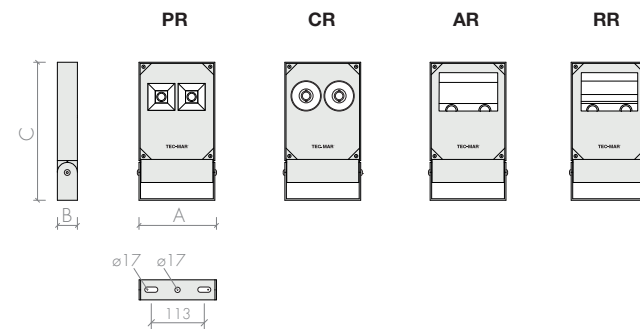


## CODIFICA / CODING

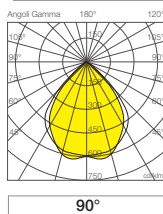
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
7027		PR	2 = 2200°K (CRI >80)		080	GL = on/off
		CR	3 = 3000°K (CRI >80)		100	GM = 1-10v
		AR	4 = 4000°K (CRI >80)		120	GD = dali
		RR	5 = 5000°K (CRI >80)			GV = vetro infrangibile / shatterproof glass
			6 = 6500°K (CRI >80)			GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

D1	A	B	C	Kg	mc		
	205	50	365	3,5	0,005	60	0,075 m <sup>2</sup>

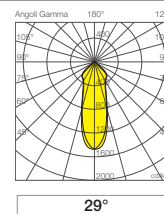


## CURVA FOTOMETRICA / PHOTOMETRY



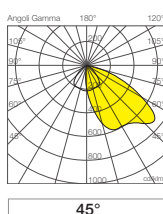
**Mod. PR**  
Riflettore simmetrico 90° in alluminio satinato

**Mod. PR**  
90° wide beam matt satin aluminium reflector



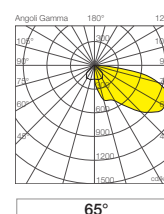
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



**Mod. AR**  
Riflettore asimmetrico 45° in alluminio satinato


**Mod. AR**  
45° asymmetric beam matt satin aluminium reflector



**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector

  220 V<sub>~</sub> | -25°C | IP66 | IK08 | RG0 | CRI >80 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  **7 YEARS WARRANTY**

 **10 kV**





## Mod. PR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000	13527	10848	136	150W JM/SAP	D1
100	4000	14163	11360	114	150W JM/SAP	D1
120	4000	18684	14985	125	250W JM	D1

\*4000K CRI>80



## Mod. CR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000	13527	10414	130	150W JM/SAP	D1
100	4000	14163	10905	109	150W JM/SAP	D1
120	4000	18684	14385	120	250W JM	D1

\*4000K CRI>80



## Mod. AR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000	13527	10222	128	150W JM/SAP	D1
100	4000	14163	10704	107	150W JM/SAP	D1
120	4000	18684	14120	118	250W JM	D1

\*4000K CRI>80



## Mod. RR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000	13527	9711	121	150W JM/SAP	D1
100	4000	14163	10169	102	150W JM/SAP	D1
120	4000	18684	13414	112	250W JM	D1

\*4000K CRI>80

# 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.



 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



### 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.



**A++**



### Δ LUMEN

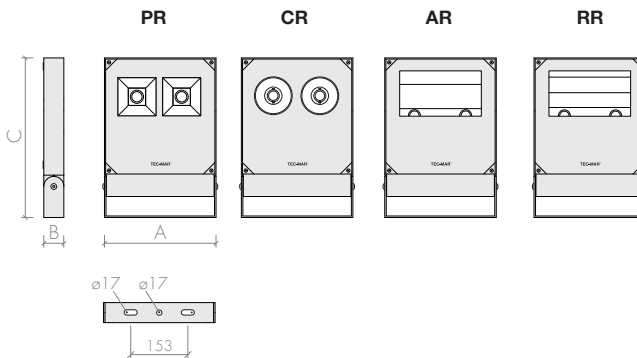
2200°K (CRI >80) =	<b>-19.85%</b>
3000°K (CRI >80) =	<b>-5.28%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.90%</b>
5700°K (CRI >80) =	<b>-4.60%</b>
5700°K (CRI >90) =	<b>-13.13%</b>
6500°K (CRI >80) =	<b>+0.00%</b>
4000°K (CRI >70) =	<b>+5.85%</b>

## CODIFICA / CODING

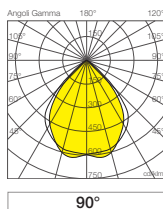
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
7028		PR	2 = 2200°K (CRI >80)		130	GL = on/off
		CR	3 = 3000°K (CRI >80)		150	GM = 1-10v
		AR	4 = 4000°K (CRI >80)		190	GD = dali
		RR	5 = 5000°K (CRI >80)			GV = vetro infrangibile / shatterproof glass
			6 = 6500°K (CRI >80)			GA = vetro acidato / acid-etched 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>

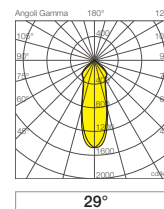


## CURVA FOTOMETRICA / PHOTOMETRY



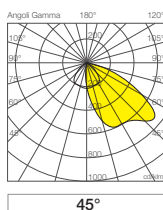
**Mod. PR**  
Riflettore simmetrico 90° in alluminio satinato

**Mod. PR**  
90° wide beam matt satin aluminium reflector



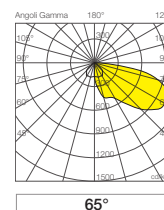
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



**Mod. AR**  
Riflettore asimmetrico 45° in alluminio satinato


**Mod. AR**  
45° asymmetric beam matt satin aluminium reflector



**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector

  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 |  **7 YEARS WARRANTY**

 **10 kV**



## Mod. PR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
130	4000	21403	17168	132	250W JM/SAP	D1
150	4000	25058	20091	134	250W JM/SAP	D1
190	4000	29481	23646	124	400W JM/SAP	D1

\*4000K CRI>80



## Mod. CR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
130	4000	21403	16480	127	250W JM/SAP	D1
150	4000	25058	19286	129	250W JM/SAP	D1
190	4000	29481	22699	119	400W JM/SAP	D1

\*4000K CRI>80



## Mod. AR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
130	4000	21403	16177	124	250W JM/SAP	D1
150	4000	25058	18931	126	250W JM/SAP	D1
190	4000	29481	22282	117	400W JM/SAP	D1

\*4000K CRI>80



## Mod. RR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
130	4000	21403	15368	118	250W JM/SAP	D1
150	4000	25058	17985	120	250W JM/SAP	D1
190	4000	29481	21168	111	400W JM/SAP	D1

\*4000K CRI>80

# 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.



**Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



### 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

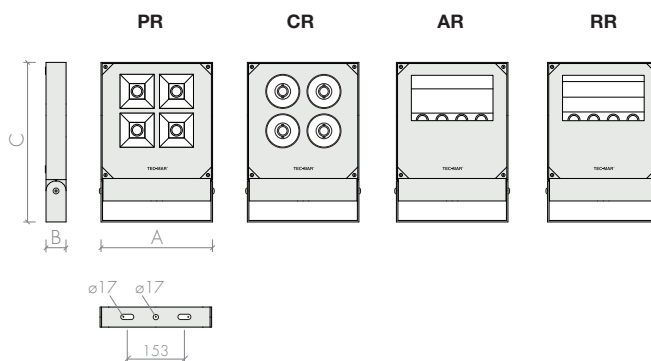
2200°K (CRI >80) =	<b>-19.85%</b>
3000°K (CRI >80) =	<b>-5.28%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+0.90%</b>
5700°K (CRI >80) =	<b>-4.60%</b>
5700°K (CRI >90) =	<b>-13.13%</b>
6500°K (CRI >80) =	<b>+0.00%</b>
4000°K (CRI >70) =	<b>+5.85%</b>

## CODIFICA / CODING

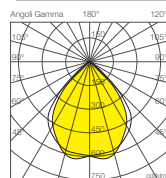
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
7030		PR	2 = 2200°K (CRI >80)		080	GL = on/off
		CR	3 = 3000°K (CRI >80)		100	GM = 1-10v
		AR	4 = 4000°K (CRI >80)		120	GD = dali
		RR	5 = 5000°K (CRI >80)		130	GV = vetro infrangibile / shatterproof glass
			6 = 6500°K (CRI >80)		150	GA = vetro acidato / acid-etched 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		
D1	295	55	425	5,6	0,008	60	0,126 m <sup>2</sup>



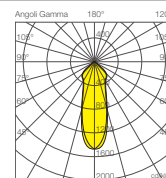
## CURVA FOTOMETRICA / PHOTOMETRY



90°

**Mod. PR**  
Riflettore simmetrico 90° in alluminio satinato

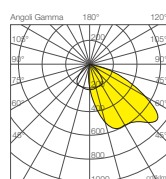
**Mod. PR**  
90° wide beam matt satin aluminium reflector



29°

**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

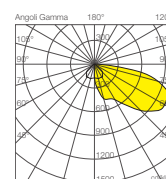
**Mod. CR**  
29° narrow beam matt satin aluminium reflector



45°

**Mod. AR**  
Riflettore asimmetrico 45° in alluminio satinato

**Mod. AR**  
45° asymmetric beam matt satin aluminium reflector



65°

**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector

LED | CE | 220-240 V ~ | -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 | 7 YEARS WARRANTY

10 kV



## Mod. PR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	16235	13157	164	150W JM/SAP	D1
100	4000K	19361	15690	157	150W JM/SAP	D1
120	4000K	23498	18848	157	250W JM/SAP	D1
130	4000K	24630	19755	152	250W JM/SAP	D1
150	4000K	28405	22784	152	250W JM/SAP	D1
175	4000K	31898	25585	146	400W JM/SAP	D1
190	4000K	33955	27224	143	400W JM/SAP	D1

\*4000K CRI>80



## Mod. CR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	16235	12630	158	150W JM/SAP	D1
100	4000K	19361	15061	151	150W JM/SAP	D1
120	4000K	23498	18093	151	150W JM/SAP	D1
130	4000K	24630	18964	146	250W JM/SAP	D1
150	4000K	28405	21871	146	250W JM/SAP	D1
175	4000K	31898	24560	140	400W JM/SAP	D1
190	4000K	33955	26134	138	400W JM/SAP	D1

\*4000K CRI>80



## Mod. AR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	16235	12398	155	150W JM/SAP	D1
100	4000K	19361	14784	148	150W JM/SAP	D1
120	4000K	23498	17760	148	150W JM/SAP	D1
130	4000K	24630	18615	143	250W JM/SAP	D1
150	4000K	28405	21469	143	250W JM/SAP	D1
175	4000K	31898	24108	138	400W JM/SAP	D1
190	4000K	33955	25653	135	400W JM/SAP	D1

\*4000K CRI>80



## Mod. RR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	16235	11778	147	150W JM/SAP	D1
100	4000K	19361	14045	140	150W JM/SAP	D1
120	4000K	23498	16872	141	150W JM/SAP	D1
130	4000K	24630	17684	136	250W JM/SAP	D1
150	4000K	28405	20395	136	250W JM/SAP	D1
175	4000K	31898	22903	131	400W JM/SAP	D1
190	4000K	33955	24370	128	400W JM/SAP	D1

\*4000K CRI>80




# 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.



 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



## 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.



**A++**

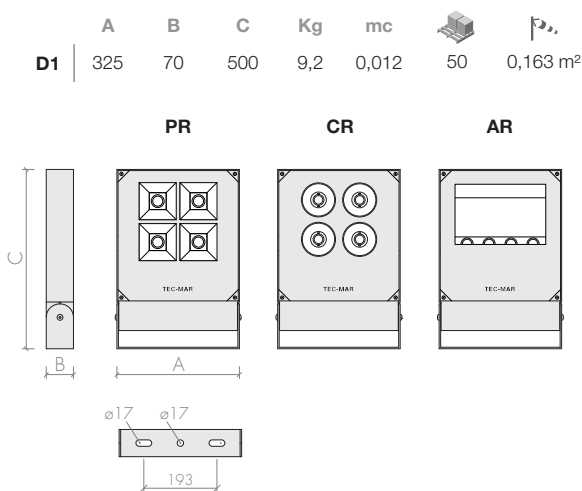
## Δ LUMEN

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>

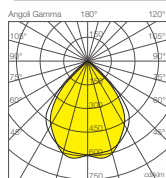
## CODIFICA / CODING

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)		305	GA = vetro acidato / acid-etched glass
			7 = 5700°K (CRI >80)			
			8 = 5700°K (CRI >90)			

## DIMENSIONI / DIMENSIONS



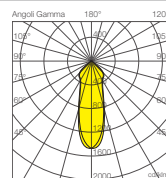
## CURVA FOTOMETRICA / PHOTOMETRY



90°

**Mod. PR**  
Riflettore simmetrico 90° in alluminio satinato

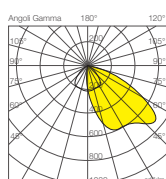
**Mod. PR**  
90° wide beam matt satin aluminium reflector



29°

**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

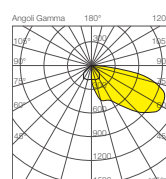
**Mod. CR**  
29° narrow beam matt satin aluminium reflector



45°

**Mod. AR**  
Riflettore asimmetrico 45° in alluminio satinato

**Mod. AR**  
45° asymmetric beam matt satin aluminium reflector




65°

**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector

  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 |  7 YEARS WARRANTY

 10 kV



### Mod. PR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35219	28236	141	400W JM/SAP	D1
240	4000K	41454	33236	138	400W JM/SAP	D1
280	4000K	46686	37431	134	600W SAP	D1
300	4000K	50694	41081	137	600W SAP	D1
305	4000K	55430	44915	147	600W SAP	D1

\*4000K CRI>80



### Mod. CR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35219	27106	136	400W JM/SAP	D1
240	4000K	41454	31909	133	400W JM/SAP	D1
280	4000K	46686	35932	128	600W SAP	D1
300	4000K	50694	39436	131	600W SAP	D1
305	4000K	55430	43116	141	600W SAP	D1

\*4000K CRI>80



### Mod. AR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35219	26607	133	400W JM/SAP	D1
240	4000K	41454	31318	130	400W JM/SAP	D1
280	4000K	46686	35271	126	600W SAP	D1
300	4000K	50694	38710	129	600W SAP	D1
305	4000K	55430	42323	139	600W SAP	D1

\*4000K CRI>80



### Mod. RR

W tot.	°K	Lm LED*	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35219	25276	126	400W JM/SAP	D1
240	4000K	41454	29752	124	400W JM/SAP	D1
280	4000K	46686	33507	120	600W SAP	D1
300	4000K	50694	36774	123	600W SAP	D1
305	4000K	55430	40207	132	600W SAP	D1

\*4000K CRI>80

# 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.

 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



**Dotazione**  
Cablaggio esterno tramite connettore rapido IP66.

**Equipment**  
External wiring via IP66 rapid connector.



 **A++**  
 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%**

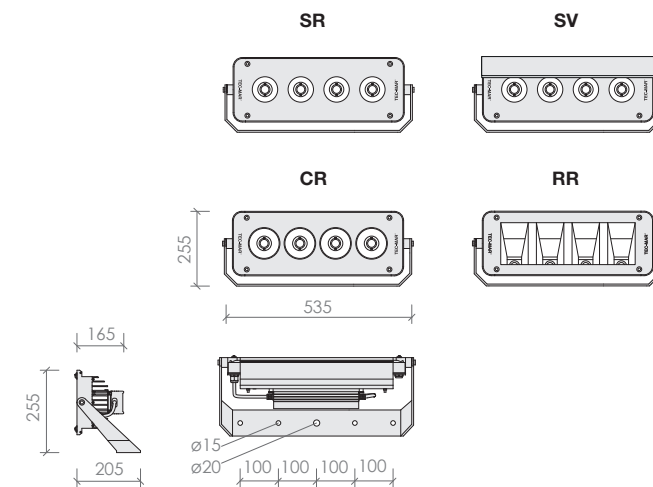


## CODIFICA / CODING

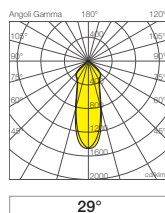
Art.	+	Mod.	+ °K (CRI)		+ W. tot.	+ Options
8055		CR	3 = 3000°K (CRI >70)		290	GL = on/off
		SR	4 = 4000°K (CRI >70)		320	GM = 1-10v
		RR	5 = 5000°K (CRI >70)			GD = dali
		SV	6 = 6500°K (CRI >80)			GV = vetro infrangibile / shatterproof glass
			7 = 5700°K (CRI >90)			GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

	A	B	C	D	Kg	mc		
<b>D1</b>	535	165	255	205	10,0	0,029	30	0,136 m <sup>2</sup>

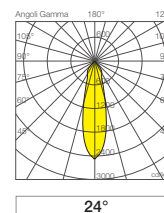


## CURVA FOTOMETRICA / PHOTOMETRY



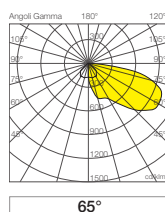
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



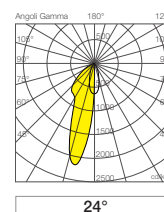
**Mod. SR**  
Riflettore concentrante 24° in alluminio satinato

**Mod. SR**  
24° narrow beam matt satin aluminium reflector



**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector



**Mod. SV**  
Riflettore concentrante 24° in alluminio satinato. Visiera anti-inquinamento luminoso in lamiera d'acciaio verniciato a colore.

**Mod. SV**  
24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.

  220 V<sub>~</sub> 240 | -25°C | IP65 | IK08 | RG0 | CRI >70 | CRI >90 |  3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h |  **7 YEARS WARRANTY**

 **6 kV**



### Mod. CR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
290	4000K	46141	40148	138	600W SAP	D1
320	4000K	50175	43601	136	600W SAP	D1

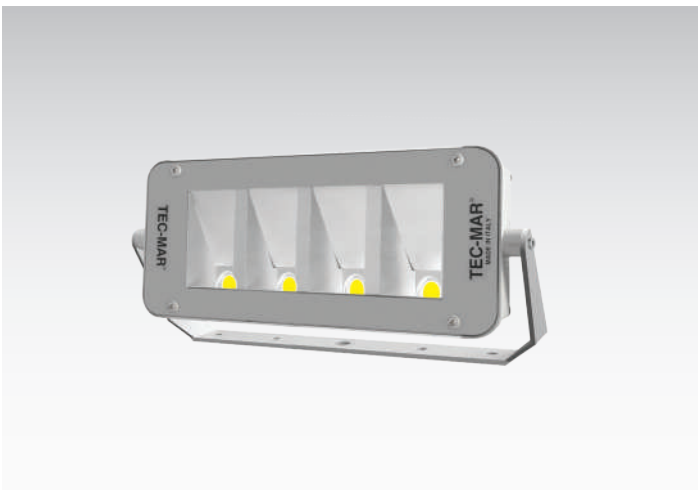
\*4000K CRI>70



### Mod. SR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
290	4000K	46141	39655	137	600W SAP	D1
320	4000K	50175	43066	135	600W SAP	D1

\*4000K CRI>70



### Mod. RR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
290	4000K	46141	37931	131	600W SAP	D1
320	4000K	50175	41194	129	600W SAP	D1

\*4000K CRI>70



### Mod. SV

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
290	4000K	46141	28424	98	600W SAP	D1
320	4000K	50175	30868	96	600W SAP	D1

\*4000K CRI>70



# 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.

 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



**Dotazione**  
Cablaggio esterno tramite box di derivazione IP68.

**Equipment**  
External wiring via IP68 junction box.



**A++**  
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) = **-5.53%**

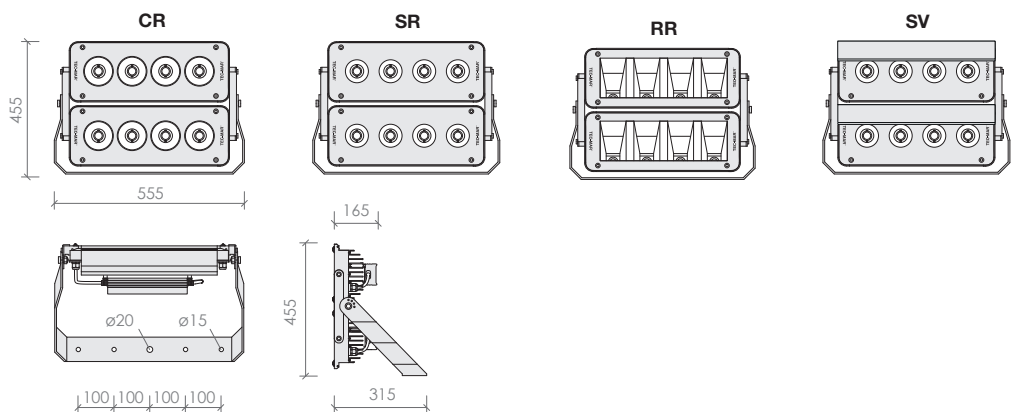


## CODIFICA / CODING

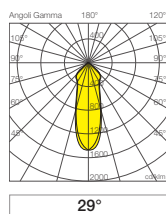
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8054		CR	3 = 3000°K (CRI >70)		500	GL = on/off
		SR	4 = 4000°K (CRI >70)		550	GM = 1-10v
		RR	5 = 5000°K (CRI >70)		600	GD = dali
		SV	6 = 6500°K (CRI >80)			GV = vetro infrangibile / shatterproof glass
			7 = 5700°K (CRI >90)			GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

D1	A	B	C	D	Kg	mc		
	600	165	455	315	22,2	0,089	30	0,273 m <sup>2</sup>

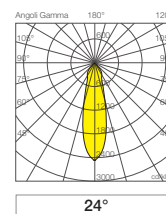


## CURVA FOTOMETRICA / PHOTOMETRY



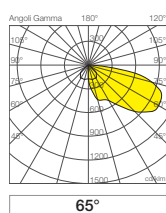
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



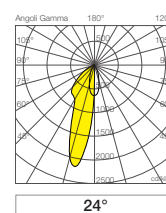
**Mod. SR**  
Riflettore concentrante 24° in alluminio satinato

**Mod. SR**  
24° narrow beam matt satin aluminium reflector



**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector



**Mod. SV**  
Riflettore concentrante 24° in alluminio satinato. Visiera anti-inquinamento luminoso in lamiera d'acciaio verniciata a colore.

**Mod. SV**  
24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.

  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 |  **7 YEARS WARRANTY**

 **6 kV**



## Mod. CR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
500	4000	80728	70431	141	1000W JM/SAP	D1
550	4000	87338	76097	138	1000W JM/SAP	D1
600	4000	93879	81688	136	1000W JM/SAP	D1

\*4000K CRI>70



## Mod. SR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
500	4000	80728	69567	139	1000W JM/SAP	D1
550	4000	87338	75163	137	1000W JM/SAP	D1
600	4000	93879	80685	134	1000W JM/SAP	D1

\*4000K CRI>70



## Mod. RR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
500	4000	80728	66542	133	1000W JM/SAP	D1
550	4000	87338	71895	131	1000W JM/SAP	D1
600	4000	93879	77177	129	1000W JM/SAP	D1

\*4000K CRI>70



## Mod. SV

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
500	4000	80728	49863	100	1000W JM/SAP	D1
550	4000	87338	53875	98	1000W JM/SAP	D1
600	4000	93879	57833	96	1000W JM/SAP	D1

\*4000K CRI>70

# 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.



**Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



## Dotazione

Cablaggio esterno tramite box di derivazione IP68.

## Equipment

External wiring via IP68 junction box.



**A++**

RAL 9006

## Δ LUMEN

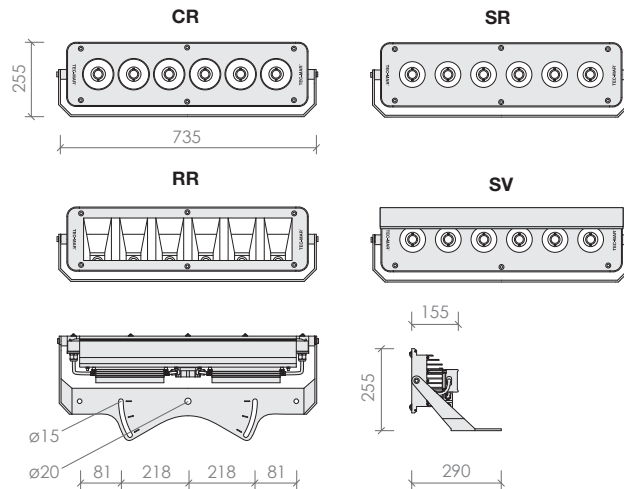
3000°K (CRI >70) = **-5.28%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.90%**  
 5700°K (CRI >90) = **-18.14%**  
 6500°K (CRI >80) = **-5.58%**

## CODIFICA / CODING

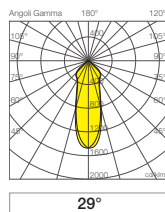
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8056		CR	3 = 3000°K (CRI >70)		340	GL = on/off
		SR	4 = 4000°K (CRI >70)		370	GM = 1-10v
		RR	5 = 5000°K (CRI >70)		380	GD = dali
		SV	6 = 6500°K (CRI >80)		400	G4 = input 400Vac
			7 = 5700°K (CRI >90)		450	GV = vetro infrangibile / shatterproof glass
						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		

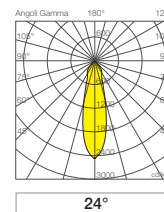


## CURVA FOTOMETRICA / PHOTOMETRY



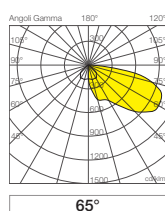
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



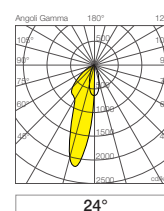
**Mod. SR**  
Riflettore concentrante 24° in alluminio satinato

**Mod. SR**  
24° narrow beam matt satin aluminium reflector



**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector



**Mod. SV**  
Riflettore concentrante 24° in alluminio satinato. Visiera anti-inquinamento luminoso in lamiera d'acciaio verniciato a colore.

**Mod. SV**  
24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.

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 | **7** YEARS WARRANTY

6 kV



### Mod. CR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
340	4000	58539	51144	150	1000W JM	D1
370	4000	62663	54711	148	1000W JM	D1
380	4000	59811	52823	139	1000W JM	D1
400	4000	67754	59119	148	1000W JM/SAP	D1
450	4000	73919	61606	137	1000W JM/SAP	D1

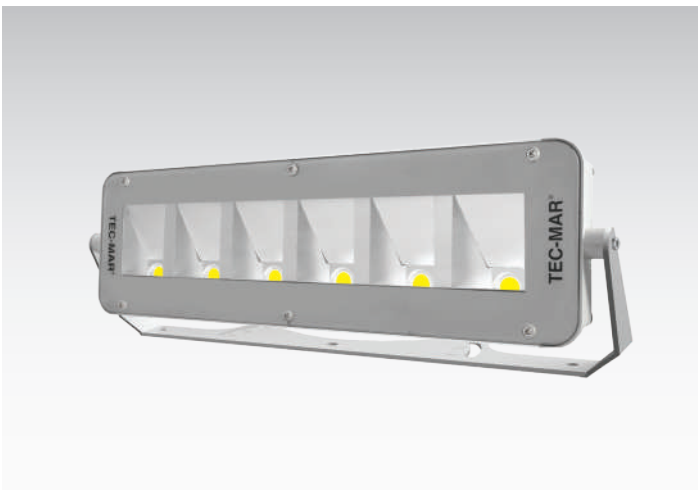
\*4000K CRI>70



### Mod. SR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
340	4000	58539	50516	142	1000W JM	D1
370	4000	62663	54040	146	1000W JM	D1
380	4000	59811	52175	137	1000W JM	D1
400	4000	67754	58393	146	1000W JM/SAP	D1
450	4000	73919	60850	135	1000W JM/SAP	D1

\*4000K CRI>70



### Mod. RR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
340	4000	58539	48320	136	1000W JM	D1
370	4000	62663	51690	140	1000W JM	D1
380	4000	59811	49906	131	1000W JM	D1
400	4000	67754	55855	140	1000W JM/SAP	D1
450	4000	73919	58205	129	1000W JM/SAP	D1

\*4000K CRI>70



### Mod. SV

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
340	4000	58539	36209	106	1000W JM	D1
370	4000	62663	38734	105	1000W JM	D1
380	4000	59811	37397	98	1000W JM	D1
400	4000	67754	41855	105	1000W JM/SAP	D1
450	4000	73919	43616	97	1000W JM/SAP	D1


\*4000K CRI>70



# 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



## ACCESSORI / ACCESSORIES



Driver on-board version

## Dotazione

Cablaggio esterno tramite box di derivazione IP68.

## Equipment

External wiring via IP68 junction box.



**A++**

 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%**

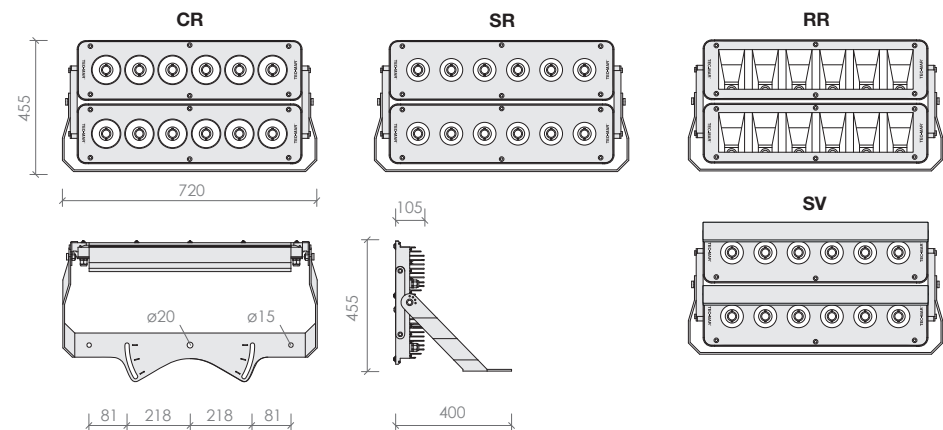


## CODIFICA / CODING

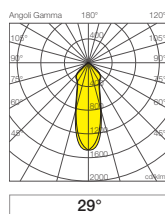
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8057		CR	3 = 3000°K (CRI >70)		600	GR = on/off
		SR	4 = 4000°K (CRI >70)		900	GL = driver on-board (28Kg)
		RR	5 = 5000°K (CRI >70)		940	GM = 1-10v
		SV	6 = 6500°K (CRI >80)			GD = dali
			7 = 5700°K (CRI >90)			G4 = input 400Vac
						GV = vetro infrangibile / 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>

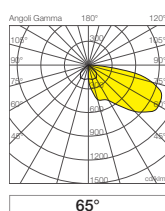


## CURVA FOTOMETRICA / PHOTOMETRY



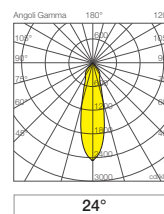
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



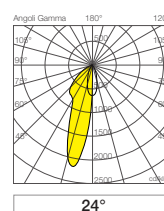
**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector



**Mod. SR**  
Riflettore concentrante 24° in alluminio satinato

**Mod. SR**  
24° narrow beam matt satin aluminium reflector



**Mod. SV**  
Riflettore concentrante 24° in alluminio satinato. Visiera anti-inquinamento luminoso in lamiera d'acciaio verniciata a colore.

**Mod. SV**  
24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.

  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 |  **7 YEARS WARRANTY**

 **6 kV**



## Mod. CR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
600	4000	98507	86384	144	2000W JM	D1
900	4000	140818	125153	139	2000W JM	D2
940	4000	145585	126683	135	2000W JM/SAP	D2

\*4000K CRI>70



## Mod. SR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
600	4000	98507	85324	142	2000W JM	D1
900	4000	140818	123617	137	2000W JM	D2
940	4000	145585	125129	133	2000W JM/SAP	D2

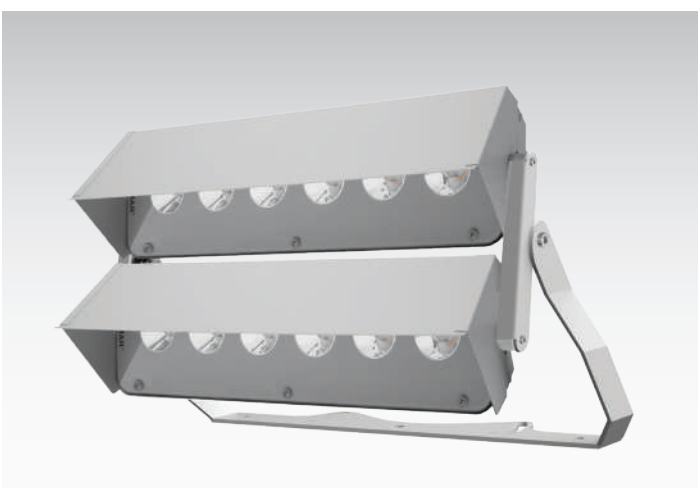
\*4000K CRI>70



## Mod. RR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
600	4000	98507	81614	136	2000W JM	D1
900	4000	140818	118242	131	2000W JM	D2
940	4000	145585	119688	127	2000W JM/SAP	D2

\*4000K CRI>70



## Mod. SV

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
600	4000	98507	61157	102	2000W JM	D1
900	4000	140818	88605	98	2000W JM	D2
940	4000	145585	89688	95	2000W JM/SAP	D2

\*4000K CRI>70

# 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



## ACCESSORI / ACCESSORIES



Driver on-board version

## Dotazione

Cablaggio esterno tramite box di derivazione IP68.

## Equipment

External wiring via IP68 junction box.



**A++**

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%**

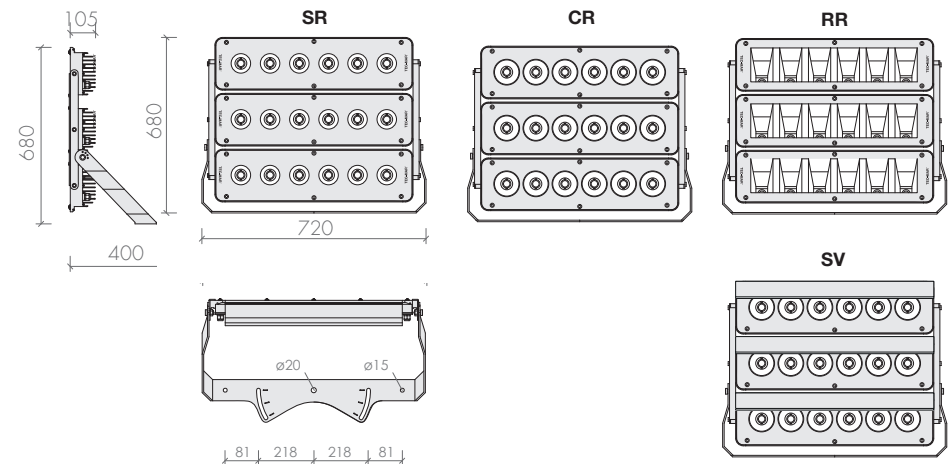


## CODIFICA / CODING

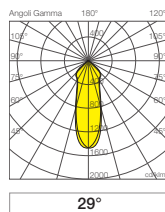
Art.	+ Mod.	+ °K (CRI)	+ W. tot.	+ Options
8059	CR	3 = 3000°K (CRI >70)	100 = 1000W	GR = on/off
	SR	4 = 4000°K (CRI >70)	110 = 1100W	GL = driver on-board (38Kg)
	RR	5 = 5000°K (CRI >70)	120 = 1200W	GM = 1-10v
	SV	6 = 6500°K (CRI >80)	135 = 1350W	GD = dali
		7 = 5700°K (CRI >90)	140 = 1400W	G4 = input 400Vac
				GV = vetro infrangibile / shatterproof glass
				GA = vetro acidato / acid-etched glass

## DIMENSIONI / DIMENSIONS

	A	B	C	D	Kg	mc		
<b>D1</b>	720	105	680	400	28,5	0,112	10	0,468 m <sup>2</sup>

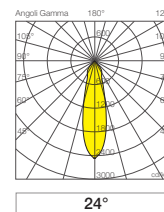


## CURVA FOTOMETRICA / PHOTOMETRY



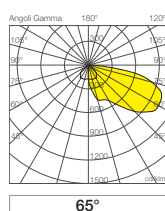
**Mod. CR**  
Riflettore concentrante 29° in alluminio satinato

**Mod. CR**  
29° narrow beam matt satin aluminium reflector



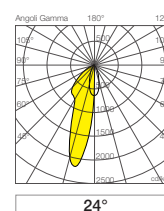
**Mod. SR**  
Riflettore concentrante 24° in alluminio satinato

**Mod. SR**  
24° narrow beam matt satin aluminium reflector



**Mod. RR**  
Riflettore asimmetrico 65° in alluminio satinato

**Mod. RR**  
65° asymmetric beam matt satin aluminium reflector



**Mod. SV**  
Riflettore concentrante 24° in alluminio satinato. Visiera anti-inquinamento luminoso in lamiera d'acciaio verniciata a colore.

**Mod. SV**  
24° narrow beam matt satin aluminium reflector. Anti-light pollution visor in color painted sheet steel.

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 | **7** YEARS WARRANTY

**6 kV**





## Mod. CR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
1000	4000	162886	142297	142	2000W JM/SAP	D1
1100	4000	177958	155258	141	2000W JM/SAP	D1
1200	4000	189225	164867	137	2000W JM/SAP	D1
1350	4000	218528	184375	137	2000W JM/SAP	D1
1400	4000	223223	188985	135	2000W JM/SAP	D1

\*4000K CRI>70



## Mod. SR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
1000	4000	162886	140551	141	2000W JM/SAP	D1
1100	4000	177958	153353	139	2000W JM/SAP	D1
1200	4000	189225	162844	136	2000W JM/SAP	D1
1350	4000	218528	182113	135	2000W JM/SAP	D1
1400	4000	223223	186608	133	2000W JM/SAP	D1

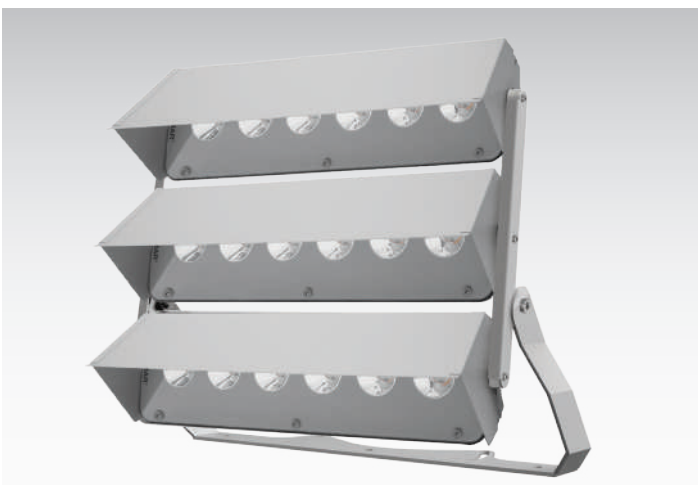
\*4000K CRI>70



## Mod. RR

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
1000	4000	162886	134440	134	2000W JM/SAP	D1
1100	4000	177958	146685	133	2000W JM/SAP	D1
1200	4000	189225	155764	130	2000W JM/SAP	D1
1350	4000	218528	174195	129	2000W JM/SAP	D1
1400	4000	223223	178288	127	2000W JM/SAP	D1

\*4000K CRI>70



## Mod. SV

W tot.	°K	Lm (Tj=85°)	Lm OUTPUT	Lm/W	replace	dimension
1000	4000	162886	100743	101	2000W JM/SAP	D1
1100	4000	177958	109919	100	2000W JM/SAP	D1
1200	4000	189225	116721	97	2000W JM/SAP	D1
1350	4000	218528	130533	97	2000W JM/SAP	D1
1400	4000	223223	137163	98	2000W JM/SAP	D1

\*4000K CRI>70



# 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.



 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES

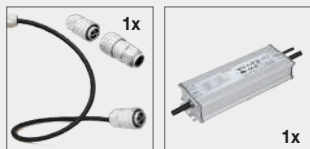


### Dotazione

Cavo in neoprene H07RN-F 2x1,5mm<sup>2</sup> già cablato con connettore stagno, lunghezza 2000mm e driver IP67 remotizzabile fino a 40m.

### Equipment

2000mm long H07RN-F 2x1,5mm<sup>2</sup> neoprene cable with waterproof connector and IP67 remote driver (up to 40m installation) included.



 A++

 RAL 9006



### Δ LUMEN

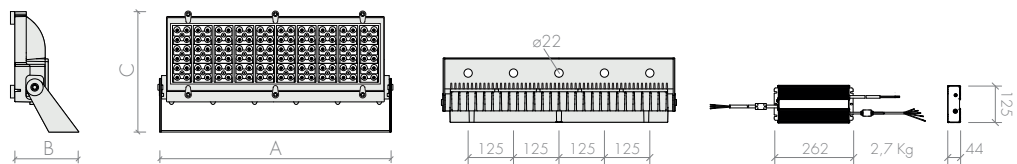
4000°K (CRI >70) = **standard**  
5700°K (CRI >70) = **+0.00%**  
5700°K (CRI >80) = **-10.81%**  
5700°K (CRI >90) = **-15.00%**

## CODIFICA / CODING

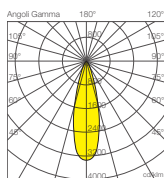
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
7101		CR	4 = 4000°K (CRI >70)		320	GL = on/off (remote driver)
		SR	7 = 5700°K (CRI >70)		380	GM = 1-10v
		AR	T = 5700°K (CRI >80)		450	GD = dali
		RR	R = 5700°K (CRI >90)			G4 = input 400Vac
		SV				DX = 1-10v + dmx

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc		
<b>D1</b>	612	163	309	10,5	0,033	30	0,190 m <sup>2</sup>



## CURVA FOTOMETRICA / PHOTOMETRY



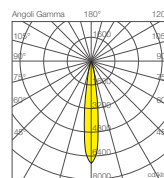
28°

### Mod. CR

Lente concentrante 28° in PMMA ad alto rendimento

### Mod. CR

High performance PMMA 28° narrow beam lens



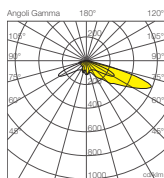
15°

### Mod. SR

Lente concentrante 15° in PMMA ad alto rendimento.

### Mod. SR

High performance PMMA 15° narrow beam lens



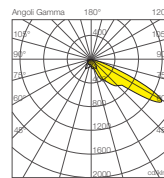
65°

### Mod. AR

Lente asimmetrica 65° con fascio largo in PMMA ad alto rendimento

### Mod. AR

High performance PMMA 65° asymmetric lens with width beam



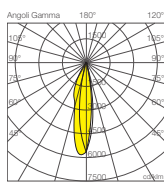
65°

### Mod. RR

Lente asimmetrica 65° con fascio stretto in PMMA ad alto rendimento

### Mod. RR

High performance PMMA 65° asymmetric lens with narrow beam



15°


### Mod. SV

Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

### Mod. SV

High performance PMMA. 15° narrow beam lens with anti-light pollution system up to 70°

  220 V<sub>~</sub> | -25°C | IP66 | IK08 | RGO | CRI >70 |  3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >90.000h |  7 YEARS WARRANTY

 10 kV



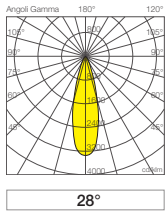
## Mod. CR

**Ottica**

Lente concentrante 28° in PMMA ad alto rendimento

**Optic**

High performance PMMA 28° narrow beam lens



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



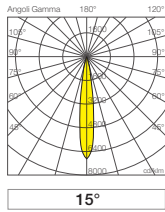
## Mod. SR

**Ottica**

Lente concentrante 15° in PMMA ad alto rendimento.

**Optic**

High performance PMMA 15° narrow beam lens



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



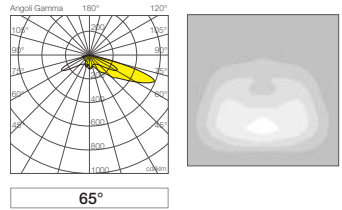
### Mod. AR

**Ottica**

Lente asimmetrica 65° con fascio largo in PMMA ad alto rendimento

**Optic**

High performance PMMA 65° asymmetric lens with width beam



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



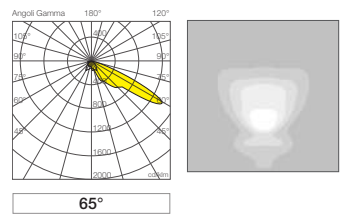
### Mod. RR

**Ottica**

Lente asimmetrica 65° con fascio stretto in PMMA ad alto rendimento

**Optic**

High performance PMMA 65° asymmetric lens with narrow beam



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

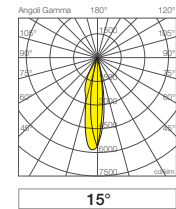
## Mod. SV

### Ottica

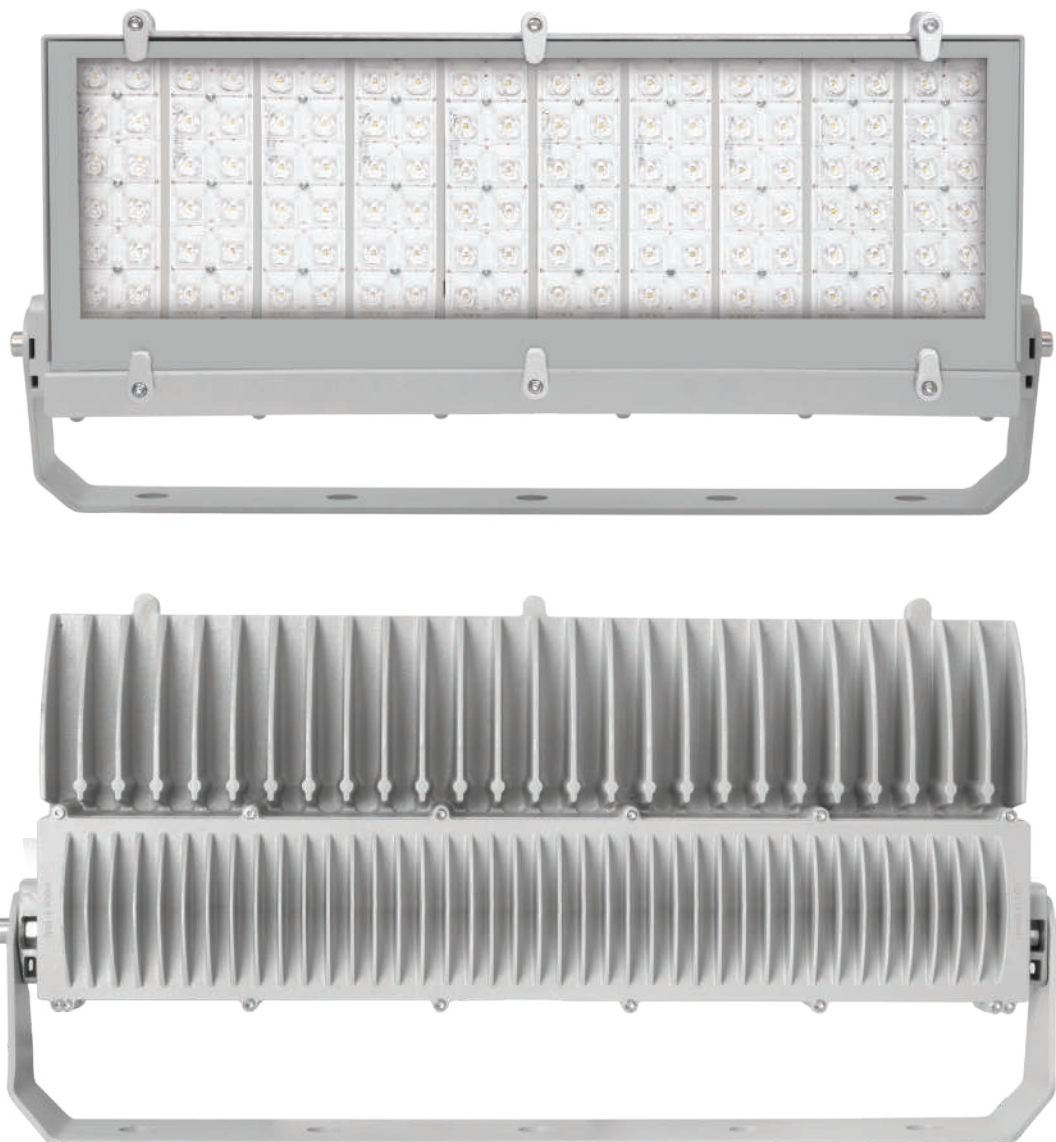
Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

### Optic

High performance PMMA 15° narrow beam lens with anti-light pollution system up to 70°



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 termoisolante 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.

 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES

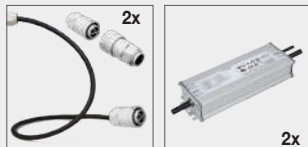


### Dotazione

Cavo in neoprene H07RN-F 2x1,5mm<sup>2</sup> già cablatto con connettore stagno, lunghezza 2000mm e driver IP67 remotizzabile fino a 40m.

### Equipment

2000mm long H07RN-F 2x1,5mm<sup>2</sup> neoprene cable with waterproof connector and IP67 remote driver (up to 40m installation) included.



**A++**

 RAL 9006

### Δ LUMEN

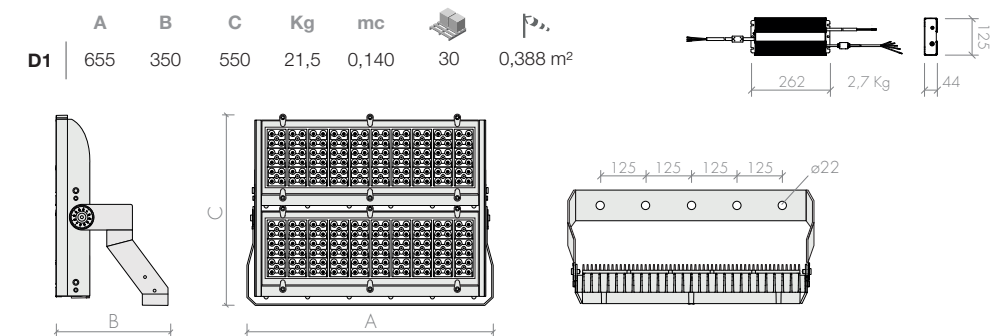
4000°K (CRI >70) = **standard**  
5700°K (CRI >70) = **+0.00%**  
5700°K (CRI >80) = **-10.81%**  
5700°K (CRI >90) = **-15.00%**



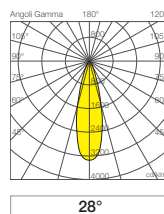
## CODIFICA / CODING

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

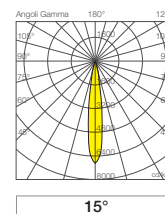


## CURVA FOTOMETRICA / PHOTOMETRY



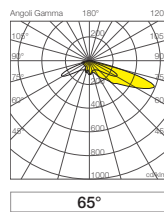
**Mod. CR**  
Lente concentrante 28° in PMMA ad alto rendimento

**Mod. CR**  
High performance PMMA 28° narrow beam lens



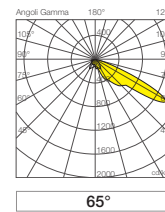
**Mod. SR**  
Lente concentrante 15° in PMMA ad alto rendimento.

**Mod. SR**  
High performance PMMA 15° narrow beam lens



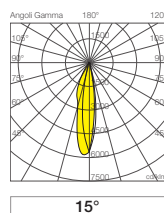
**Mod. AR**  
Lente assimetrica 65° con fascio largo in PMMA ad alto rendimento

**Mod. AR**  
High performance PMMA 65° asymmetric lens with width beam



**Mod. RR**  
Lente assimetrica 65° con fascio stretto in PMMA ad alto rendimento


**Mod. RR**  
High performance PMMA 65° asymmetric lens with narrow beam



**Mod. SV**  
Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

**Mod. SV**  
High performance PMMA. 15° narrow beam lens with anti-light pollution system up to 70°

  220 V<sub>~</sub> 240 | -25°C | IP66 | IK08 | RGO | CRI >70 | CRI >90 | 3 step MacAdam | <7% LOW flicker | L90-B10 >50.000h | L80-B50 >90.000h | **7** YEARS WARRANTY

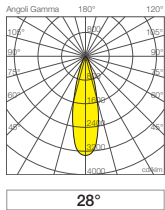
 **10 kV**



### Mod. CR

**Ottica**  
Lente concentrante 28° in PMMA ad alto rendimento

**Optic**  
High performance PMMA 28° narrow beam lens



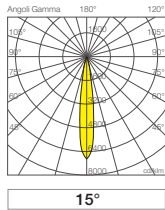
W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
600	4000K - CRI>70	2x120	105474	89494	149	2000W JM/SAP	D1
900	4000K - CRI>70	2x120	146349	120091	134	2000W JM/SAP	D1



### Mod. SR

**Ottica**  
Lente concentrante 15° in PMMA ad alto rendimento.

**Optic**  
High performance PMMA 15° narrow beam lens



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



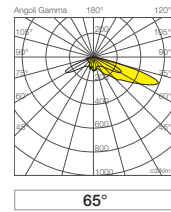
## Mod. AR

### Ottica

Lente asimmetrica 65° con fascio largo in PMMA ad alto rendimento

### Optic

High performance PMMA 65° asymmetric lens with width beam



65°

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



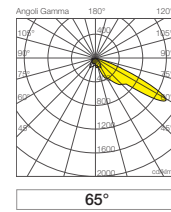
## Mod. RR

### Ottica

Lente asimmetrica 65° con fascio stretto in PMMA ad alto rendimento

### Optic

High performance PMMA 65° asymmetric lens with narrow beam



65°

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

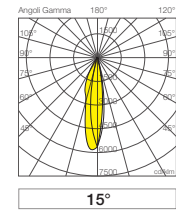
## Mod. SV

### Optica

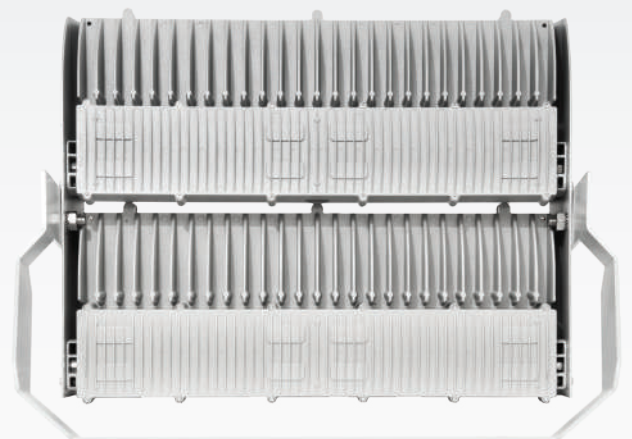
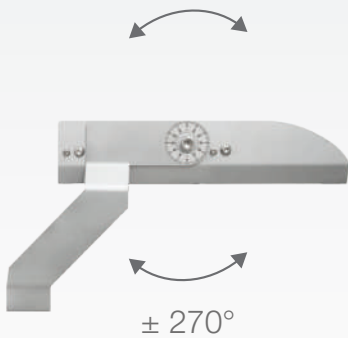
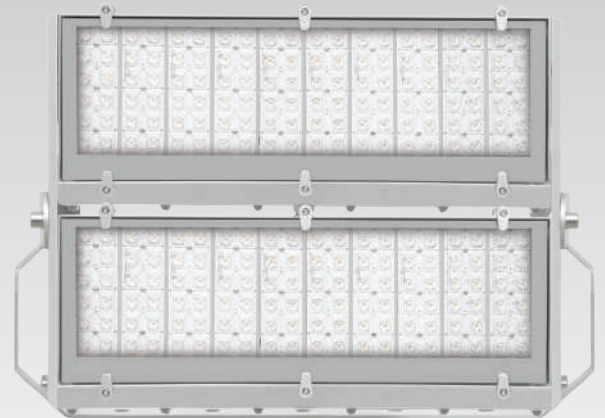
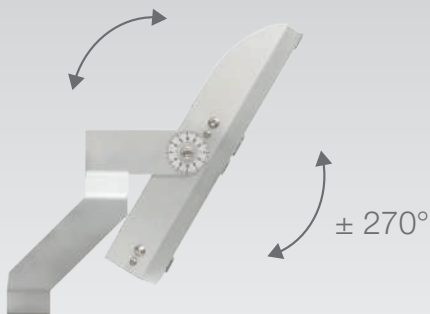
Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

### Optic

High performance PMMA. 15° narrow beam lens with anti-light pollution system up to 70°



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.

 **Ball Test**  
DIN 18032-3

## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



## Dotazione

Cavo in neoprene H07RN-F 2x1,5mm<sup>2</sup> già cablatto con connettore stagno, lunghezza 2000mm e driver remotizzabile fino a 40m.

## Equipment

2000mm long H07RN-F 2x1,5mm<sup>2</sup> neoprene cable with waterproof connector and remote driver (up to 40m installation) included.



**A++**

 RAL 9006

## Δ LUMEN

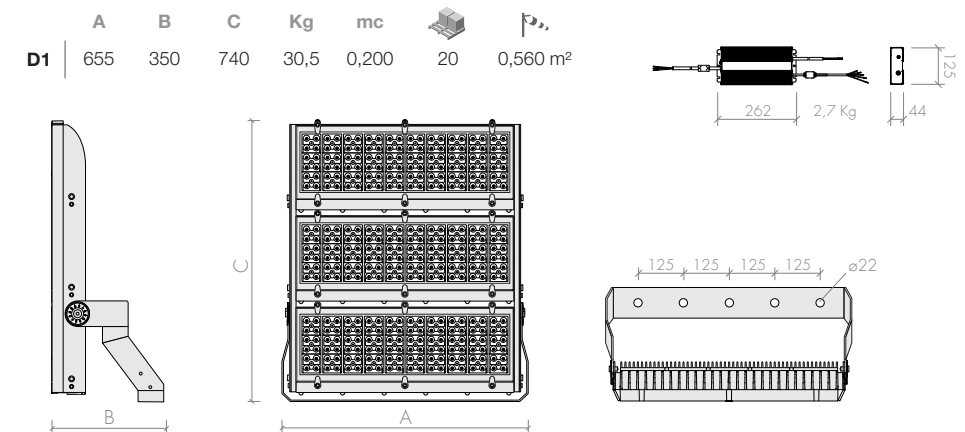
4000°K (CRI >70) = **standard**  
5700°K (CRI >70) = **+0.00%**  
5700°K (CRI >80) = **-10.81%**  
5700°K (CRI >90) = **-15.00%**



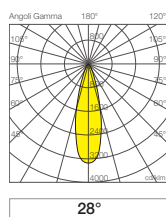
## CODIFICA / CODING

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

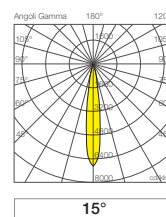
## DIMENSIONI / DIMENSIONS



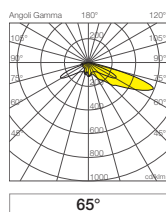
## CURVA FOTOMETRICA / PHOTOMETRY



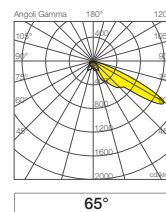
**Mod. CR**  
High performance PMMA 28° narrow beam lens



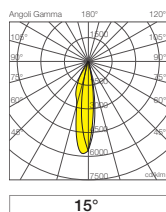
**Mod. SR**  
High performance PMMA 15° narrow beam lens



**Mod. AR**  
High performance PMMA 65° asymmetric lens with width beam




**Mod. SR**  
High performance PMMA 65° asymmetric lens with narrow beam



**Mod. SV**  
High performance PMMA. 15° narrow beam lens with anti-light pollution system up to 70°

  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 |  7 YEARS WARRANTY

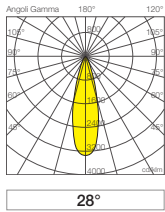
 10 kV



### Mod. CR

**Ottica**  
Lente concentrante 28° in PMMA ad alto rendimento

**Optic**  
High performance PMMA 28° narrow beam lens



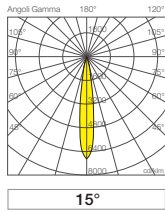
W tot.	°K - CRI	n° Led	LUMEN (Tj=85°)	LUMEN OUTPUT	Lm/W	replace	dimension
1200	4000K - CRI>70	3x120	195923	162998	136	2000W JM/SAP	D1
1350	4000K - CRI>70	3x120	219524	180136	133	2000W JM/SAP	D1



### Mod. SR

**Ottica**  
Lente concentrante 15° in PMMA ad alto rendimento.

**Optic**  
High performance PMMA 15° narrow beam lens



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



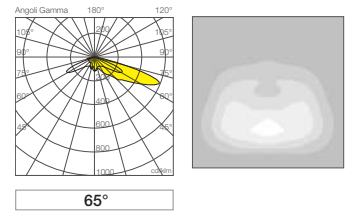
## Mod. AR

### Ottica

Lente asimmetrica 65° con fascio largo in PMMA ad alto rendimento

### Optic

High performance PMMA 65° asymmetric lens with width beam



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



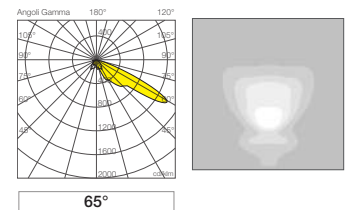
## Mod. RR

### Ottica

Lente asimmetrica 65° con fascio stretto in PMMA ad alto rendimento

### Optic

High performance PMMA 65° asymmetric lens with narrow beam



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



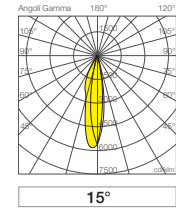
## Mod. SV

### Optica

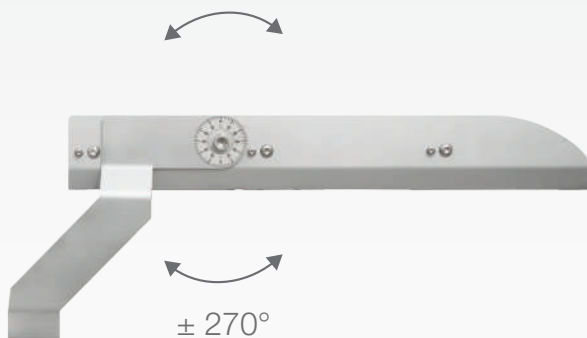
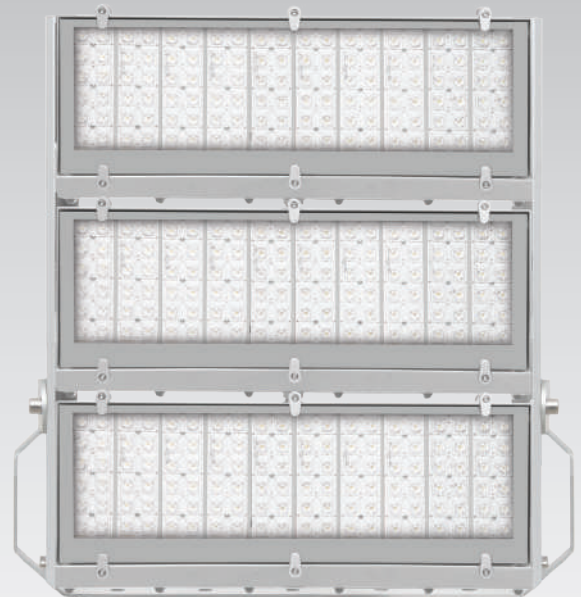
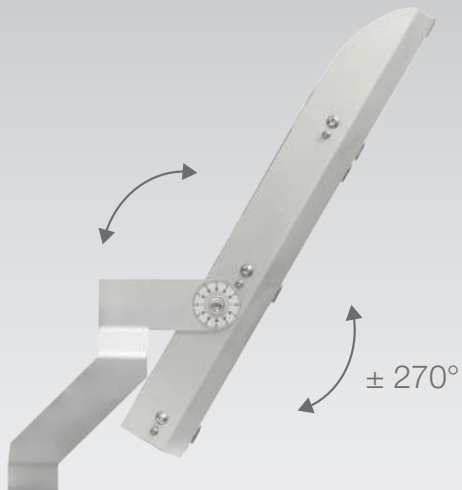
Lente concentrante 15° in PMMA con sistema anti-inquinamento luminoso fino a 70° ad alto rendimento.

### Optic

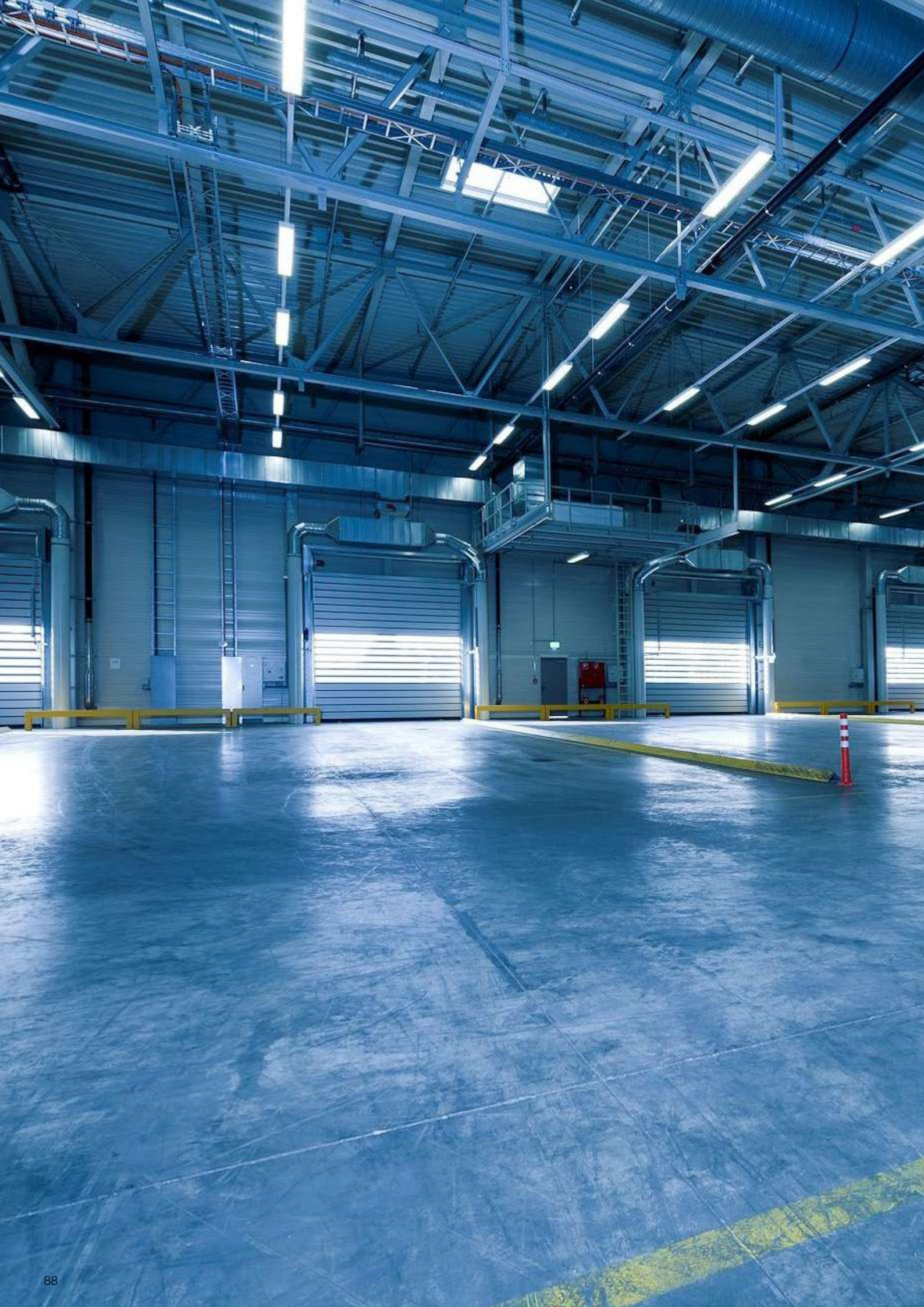
High performance PMMA. 15° narrow beam lens with anti-light pollution system up to 70°



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











# 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



## ACCESSORI / ACCESSORIES



### Dotazione

Morsettiera spina/presa con innesto rapido a 5 poli inclusa

### Equipment

Plug/socket terminal block with 5-pole quick connector included



RAL 9003

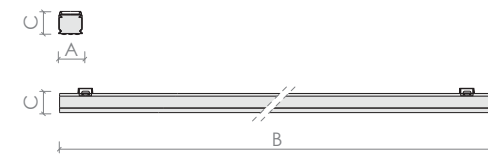


## CODIFICA / CODING

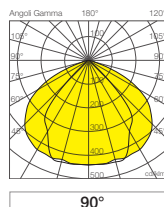
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2196		SM		4 = 4000°K (CRI >80)		019		EL = on/off
		FC				020		LM = 1-10v
		IL				032		LD = dali
		FL				038		D1 = dali + em. 1h
						062		E1 = em. 1h
						124		E3 = em. 3h

## 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



## CURVA FOTOMETRICA / PHOTOMETRY



### Ottica

Ottica diffondente in PMMA ad alto rendimento.

### Optic

High performance PMMA wide beam optic.

## Mod. SM



### Modello

Modulo singolo. Ganci di sospensione e tappi laterali inclusi

### Model

Single module. Suspension hook and closing caps included

## Mod. IL



### 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

## Mod. FL



### 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

## Mod. FC



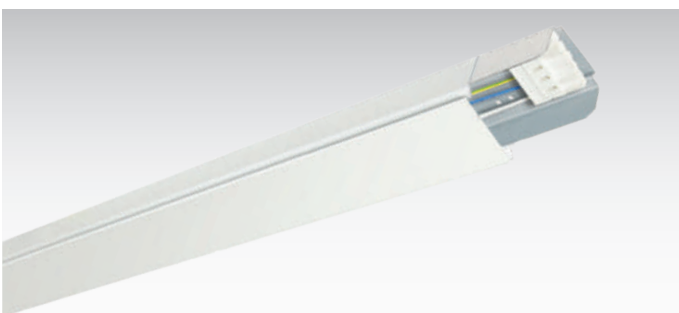
### Modello

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 hook and joint included

Cod.	dimension
2196MC0100EL	D1
2196MC0200EL	D2
2196MC0300EL	D3
2196MC0400EL	D4



# DENVER

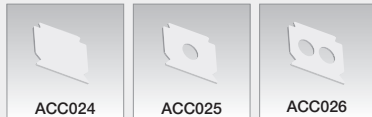
Apparecchio a sospensione o a plafone in linea continua adatto per l'illuminazione di supermercati, aree commerciali ed industriali. Costruito in lamiera d'acciaio, verniciato con polvere poliestere bianca, completo di staffe per la sospensione, driver elettronico 220-240V 50/60Hz, morsettiera 5 poli 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



## ACCESSORI / ACCESSORIES



### Dotazione

Morsettiera spina/presa con innesto rapido a 5 poli inclusa

### Equipment

Plug/socket terminal block with 5-pole quick connector included




RAL 9003

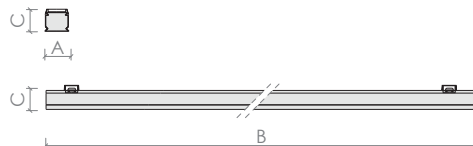


## CODIFICA / CODING

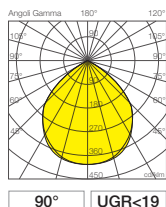
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2098		SM		40 = 4000°K (CRI >80)		23 47		EL = on/off
		FC				28 48		LM = 1-10v
		IL				32 52		LD = dali
		FL				37 60		D1 = dali + em. 1h
						40 62		E1 = em. 1h
						42 92		E3 = em. 3h

## 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



## CURVA FOTOMETRICA / PHOTOMETRY



### Ottica

Diffusore policarbonato microprismatico antiabbagliamento e antiriflesso

### Optic

Anti-glare microprismatic polycarbonate diffuser

## Mod. SM



### Modello

Modulo singolo. Ganci di sospensione e tappi laterali inclusi

### Model

Single module. Suspension hook and closing caps included

## Mod. IL



### 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

## Mod. FL



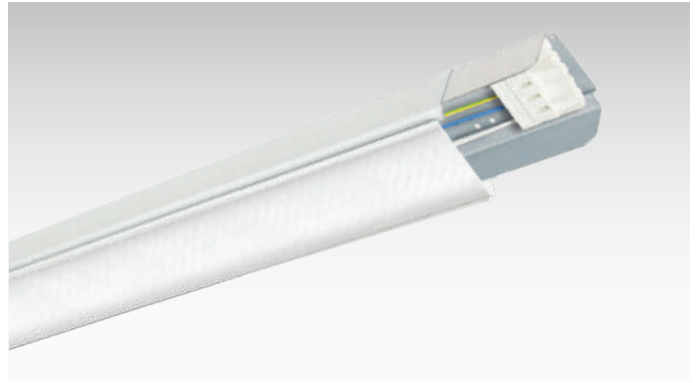
### Modello

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

## Mod. FC



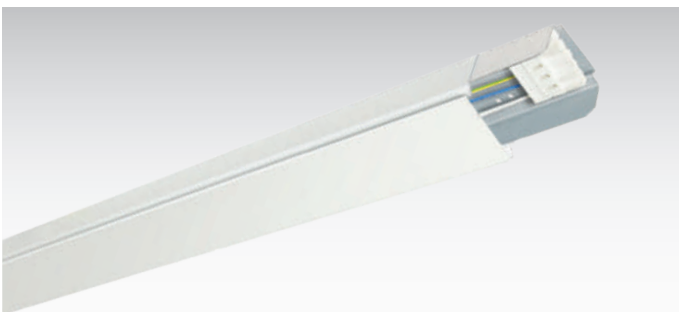
### Modello

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 hook and joint included

Cod.	dimension
2098MC0100EL	D1
2098MC0200EL	D2
2098MC0300EL	D3
2098MC0400EL	D4

# 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 preprimed 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



## ACCESSORI / ACCESSORIES



## 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>



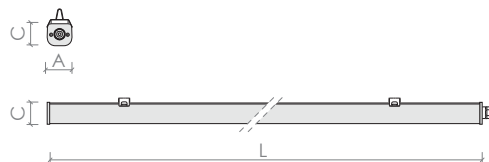
## CODIFICA / CODING

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

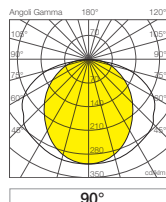
## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc			A	L	C	Kg	mc		
<b>D1</b>	62	595	62	1,2	0,004		120	<b>D1 SR-S1</b>	62	705	62	1,3	0,004	120
<b>D2</b>	62	1155	62	2,1	0,007		100	<b>D2 SR-S1</b>	62	1265	62	2,2	0,007	100
<b>D3</b>	62	1435	62	3,3	0,008		80	<b>D3 SR-S1</b>	62	1545	62	3,4	0,008	80

Dimensioni per apparecchio con opzione SR o S1  
Dimensions for SR or S1 option



## CURVA FOTOMETRICA / PHOTOMETRY



### Ottica

Corpo unico in policarbonato opale satinato estruso.

### Optic

Extruded satin opal polycarbonate body.

## Mod. LD

### Ottica

Corpo unico in policarbonato opale satinato estruso.

### Optic

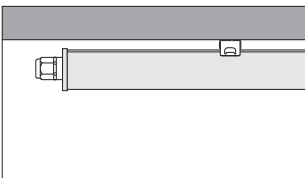
Extruded satin opal polycarbonate body.



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

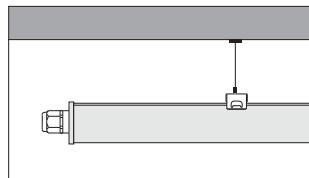
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

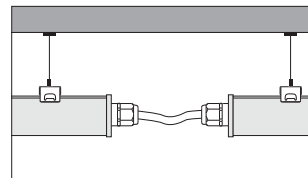
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

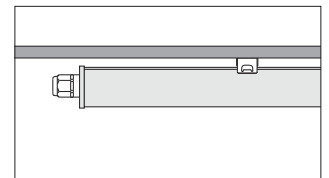
### Installazione in fila continua Continuous row installation



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.



# 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 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 pre-painted 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



## ACCESSORI / ACCESSORIES



## 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>



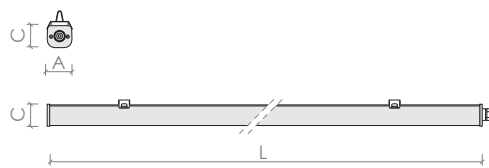
## CODIFICA / CODING

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/continuous row
					24	59		IC = ice -30°
					27	64		SR = radar sensor on/off
					28	70		S1 = radar sensor 1-10V
					29			

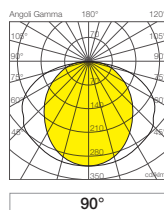
## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc			A	L	C	Kg	mc	
<b>D1</b>	62	595	62	1,2	0,004	120	<b>D1 SR-S1</b>	62	705	62	1,3	0,004	120
<b>D2</b>	62	1155	62	2,1	0,007	100	<b>D2 SR-S1</b>	62	1265	62	2,2	0,007	100
<b>D3</b>	62	1435	62	3,3	0,008	80	<b>D3 SR-S1</b>	62	1545	62	3,4	0,008	80

Dimensioni per apparecchio con opzione SR o S1  
Dimensions for SR or S1 option



## CURVA FOTOMETRICA / PHOTOMETRY



### Ottica

Corpo unico in policarbonato opale satinato estruso.

### Optic

Extruded satin opal polycarbonate body.



## Mod. LD

### Ottica

Corpo unico in policarbonato opale satinato estruso.

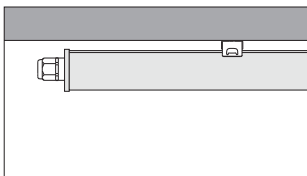
### Optic

Extruded satin opal polycarbonate body.

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

## INSTALLAZIONE / INSTALLATION

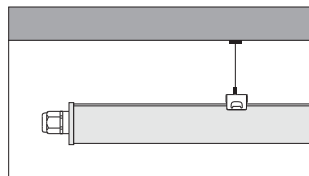
### Installazione a plafone Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

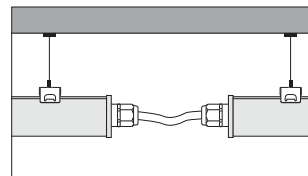
### Installazione a sospensione Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

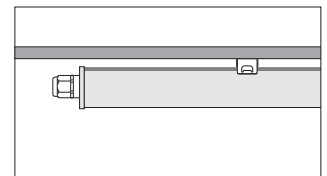
### Installazione in fila continua Continuous row installation



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.

# 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



## ACCESSORI / ACCESSORIES



## 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>



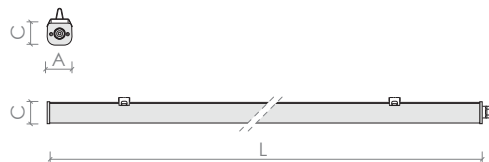
## CODIFICA / CODING

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

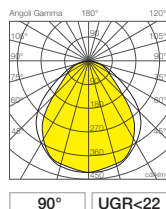
## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc			A	L	C	Kg	mc	
<b>D1</b>	62	600	62	1,2	0,004	120	<b>D1 SR-S1</b>	62	710	62	1,3	0,004	120
<b>D2</b>	62	1160	62	2,1	0,007	100	<b>D2 SR-S1</b>	62	1270	62	2,2	0,007	100
<b>D3</b>	62	1440	62	3,3	0,008	80	<b>D3 SR-S1</b>	62	1550	62	3,4	0,008	80

Dimensioni per apparecchio con opzione SR o S1  
Dimensions for SR or S1 option



## CURVA FOTOMETRICA / PHOTOMETRY

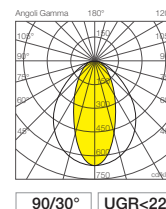


### Mod. S2

Corpo unico in policarbonato trasparente satinato opaco estruso. Ottica diffondente 90° in PMMA.

### Mod. S2

Extruded matt transparent satin polycarbonate body. 90° wide beam PMMA optic.

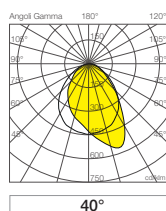


### Mod. E3

Corpo unico in policarbonato trasparente satinato opaco estruso. Ottica ellittica in PMMA.

### Mod. E3

Extruded matt transparent satin polycarbonate body. Elliptical PMMA optics.



### Mod. AR

Corpo unico in policarbonato trasparente satinato opaco estruso. Ottica asimmetrica 40° in PMMA.

### Mod. AR

Extruded matt transparent satin polycarbonate body. 40° asymmetric PMMA optics.



## Mod. S2

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
8	1499	1251	156	1x18W fluo	595
15	2545	2125	142	2x18W fluo	595
27	4460	3724	138	2x24W fluo	595
28	4802	4009	143	1x36W fluo	1155
35	6002	5011	143	1x80W fluo	1435
36	5390	4500	125	2x36W fluo	1155
56	9223	7701	138	2x54W fluo	1155
60	9249	7722	129	2x58W fluo	1435
69	11528	9625	140	2x80W fluo	1435

\*4000K CRI>80



## Mod. E3

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
8	1499	1199	150	1x18W fluo	595
15	2545	2036	136	2x18W fluo	595
27	4460	3568	132	2x24W fluo	595
28	4802	3841	137	1x36W fluo	1155
35	6002	4801	137	1x80W fluo	1435
36	5390	4312	120	2x36W fluo	1155
56	9223	7378	132	2x54W fluo	1155
60	9249	7399	123	2x58W fluo	1435
69	11528	9222	134	2x80W fluo	1435

\*4000K CRI>80



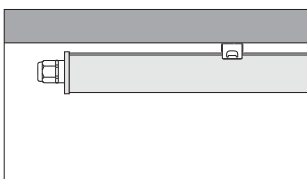
## Mod. AR

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
8	1499	1184	148	1x18W fluo	595
15	2545	2010	134	2x18W fluo	595
27	4460	3523	130	2x24W fluo	595
28	4802	3793	135	1x36W fluo	1155
35	6002	4741	135	1x80W fluo	1435
36	5390	4258	118	2x36W fluo	1155
56	9223	7286	130	2x54W fluo	1155
60	9249	7306	122	2x58W fluo	1435
69	11528	9107	132	2x80W fluo	1435

\*4000K CRI>80

### INSTALLAZIONE / INSTALLATION

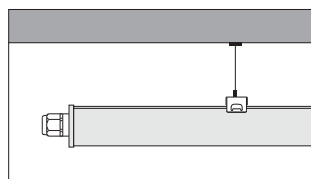
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

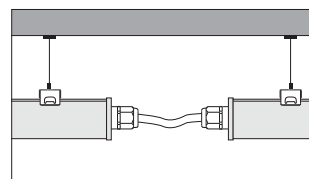
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

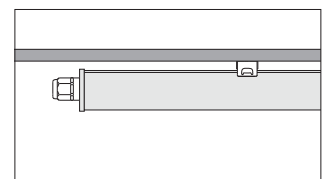
Installazione in fila continua  
Continuous row installation



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.



# IRIS

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



## ACCESSORI / ACCESSORIES



## 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.



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%

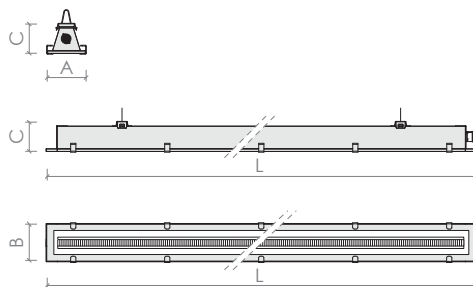


## CODIFICA / CODING

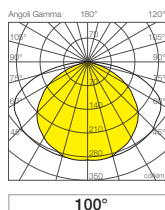
Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
2258		VT	3 = 3000°K (CRI >80)		010	050	EL = on/off
		S5	4 = 4000°K (CRI >80)		021	053	LM = 1-10v
		EL	5 = 5000°K (CRI >80)		023	060	LD = dali
			6 = 6500°K (CRI >80)		028	068	D1 = dali + em. 1h
			9 = 4000°K (CRI >90)		037	072	E1 = em. 1h
							E3 = em. 3h
							FC = fila continua/continuous row
							VA = vetro acidato / acid-etched glass
							AD = vetro acidato + dali acid-etched glass + dali
							A1 = vetro acidato + em. 1h acid-etched glass + em. 1h
							VI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	115	636	75	2,5	0,006	120
<b>D2</b>	115	1236	75	4,1	0,012	80
<b>D3</b>	115	1536	75	5,2	0,015	80

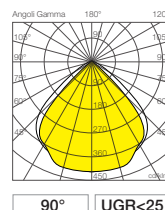


## CURVA FOTOMETRICA / PHOTOMETRY



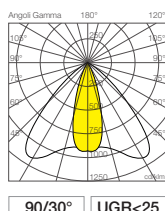
**Mod. VT**  
Riflettore extra diffondente in alluminio preverniciato bianco, vetro trasparente temperato.

**Mod. VT**  
Extra wide beam prepainted white aluminium reflector, clear tempered glass.



**Mod. S5**  
Optica diffondente 90° in PMMA, vetro trasparente temperato.

**Mod. S5**  
90° wide beam PMMA optic, clear tempered glass.



**Mod. EL**  
Optica ellittica 90/30° in PMMA, vetro trasparente temperato.

**Mod. EL**  
90/30° elliptical PMMA optic, clear tempered glass.

LED | CE | 220/240 V ~ | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | 7 YEARS WARRANTY

10 kV



## Mod. VT

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
10	1347	1104	110	1x18W fluo	636
21	3188	2614	124	2x18W fluo	636
23	3372	2765	120	1x36W fluo	1236
28	4438	3639	130	1x58W fluo	1536
37	6109	5009	135	2x36W fluo	1236
50	8208	6730	135	2x54W fluo	1236
53	9065	7433	140	2x54W fluo	1236
60	9249	7584	126	2x58W fluo	1536
68	11152	9144	134	2x80W fluo	1536
72	11856	9721	135	2x80W fluo	1536

\*4000K CRI>80



## Mod. S5

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
10	1347	1064	106	1x18W fluo	636
21	3188	2518	120	2x18W fluo	636
23	3372	2663	116	1x36W fluo	1236
28	4438	3506	125	1x58W fluo	1536
37	6109	4826	130	2x36W fluo	1236
50	8208	6484	130	2x54W fluo	1236
53	9065	7161	135	2x54W fluo	1236
60	9249	7306	122	2x58W fluo	1536
68	11152	8810	130	2x80W fluo	1536
72	11856	9366	130	2x80W fluo	1536

\*4000K CRI>80



## Mod. EL

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
10	1347	1081	108	1x18W fluo	636
21	3188	2559	122	2x18W fluo	636
23	3372	2707	118	1x36W fluo	1236
28	4438	3563	127	1x58W fluo	1536
37	6109	4905	133	2x36W fluo	1236
50	8208	6591	132	2x54W fluo	1236
53	9065	7279	137	2x54W fluo	1236
60	9249	7426	124	2x58W fluo	1536
68	11152	8955	132	2x80W fluo	1536
72	11856	9520	132	2x80W fluo	1536

\*4000K CRI>80

# IRIS 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



## ACCESSORI / ACCESSORIES



## 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.



**A++**

## 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>

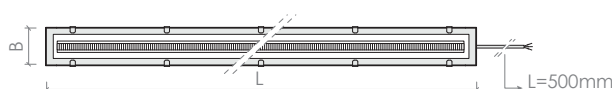
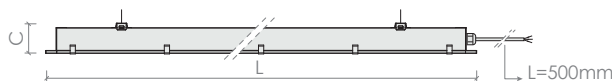


## CODIFICA / CODING

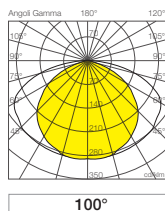
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2252		VT		3 = 3000°K (CRI >80)		010 050		EL = on/off
		S5		4 = 4000°K (CRI >80)		021 053		LM = 1-10v
		EL		5 = 5000°K (CRI >80)		023 060		LD = dali
				6 = 6500°K (CRI >80)		028 068		D1 = dali + em. 1h
				9 = 4000°K (CRI >90)		037 072		E1 = em. 1h
								E3 = em. 3h
								FC = fila continua/continuous row
								VA = vetro acidato / acid-etched glass
								AD = vetro acidato + dali acid-etched glass + dali
								A1 = vetro acidato + em. 1h acid-etched glass + em. 1h
								VI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	115	636	75	2,5	0,006	120
<b>D2</b>	115	1236	75	4,1	0,012	80
<b>D3</b>	115	1536	75	5,2	0,015	80

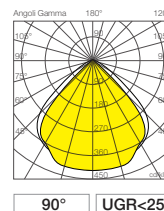


## CURVA FOTOMETRICA / PHOTOMETRY



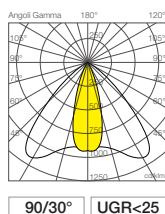
**Mod. VT**  
Riflettore extra diffondente in alluminio preverniciato bianco, vetro trasparente temperato.

**Mod. VT**  
Extra wide beam prepainted white aluminium reflector, clear tempered glass.



**Mod. S5**  
Ottica diffondente 90° in PMMA, vetro trasparente temperato.

**Mod. S5**  
90° wide beam PMMA optic, clear tempered glass.



**Mod. EL**  
Ottica ellittica 90/30° in PMMA, vetro trasparente temperato.

**Mod. EL**  
90/30° elliptical PMMA optic, clear tempered glass.

LED | CE | 220/240 V ~ | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **7** YEARS WARRANTY

**10 kV**



## Mod. VT

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
10	1347	1104	110	1x18W fluo	636
21	3188	2614	124	2x18W fluo	636
23	3372	2765	120	1x36W fluo	1236
28	4438	3639	130	1x58W fluo	1536
37	6109	5009	135	2x36W fluo	1236
50	8208	6730	135	2x54W fluo	1236
53	9065	7433	140	2x54W fluo	1236
60	9249	7584	126	2x58W fluo	1536
68	11152	9144	134	2x80W fluo	1536
72	11856	9721	135	2x80W fluo	1536

\*4000K CRI>80



## Mod. S5

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
10	1347	1064	106	1x18W fluo	636
21	3188	2518	120	2x18W fluo	636
23	3372	2663	116	1x36W fluo	1236
28	4438	3506	125	1x58W fluo	1536
37	6109	4826	130	2x36W fluo	1236
50	8208	6484	130	2x54W fluo	1236
53	9065	7161	135	2x54W fluo	1236
60	9249	7306	122	2x58W fluo	1536
68	11152	8810	130	2x80W fluo	1536
72	11856	9366	130	2x80W fluo	1536

\*4000K CRI>80



## Mod. EL

W tot.	Lm LED	Lm OUTPUT	Lm/W	replace	L (mm)
10	1347	1081	108	1x18W fluo	636
21	3188	2559	122	2x18W fluo	636
23	3372	2707	118	1x36W fluo	1236
28	4438	3563	127	1x58W fluo	1536
37	6109	4905	133	2x36W fluo	1236
50	8208	6591	132	2x54W fluo	1236
53	9065	7279	137	2x54W fluo	1236
60	9249	7426	124	2x58W fluo	1536
68	11152	8955	132	2x80W fluo	1536
72	11856	9520	132	2x80W fluo	1536

\*4000K CRI>80



# PIER

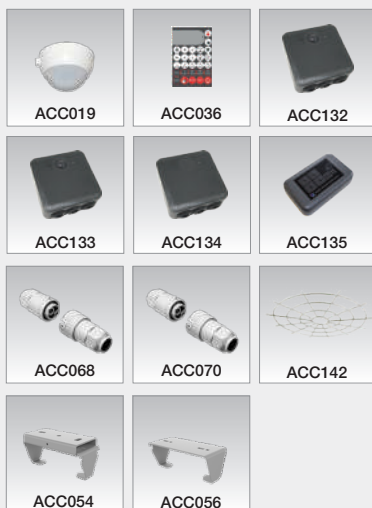
Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoisolante anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme 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



## ACCESSORI / ACCESSORIES



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension hook included. 1000mm long H07RN-F neoprene cable included.



RAL 9006

### Δ LUMEN

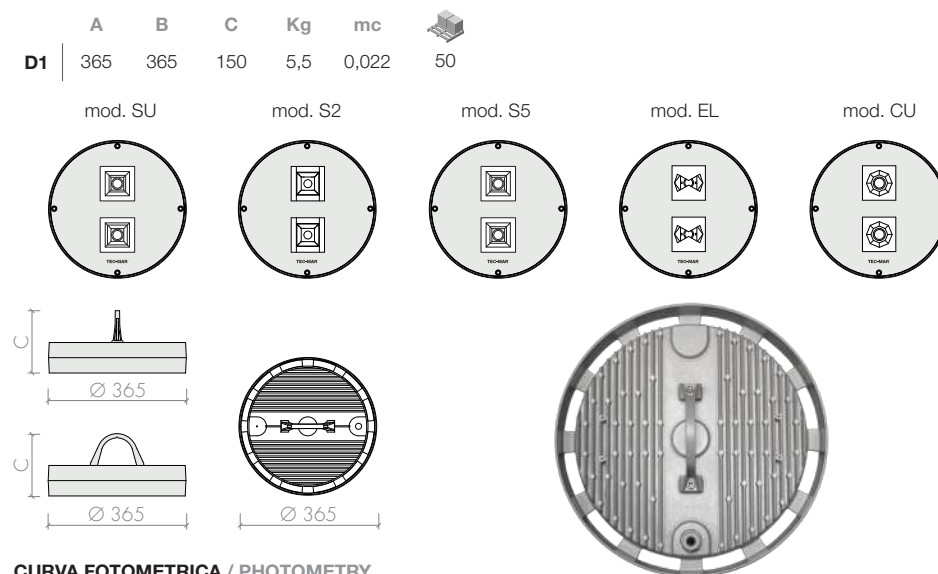
3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 4000°K (CRI >90) = **-14.33%**



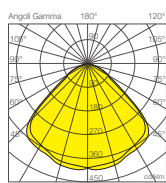
## CODIFICA / CODING

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

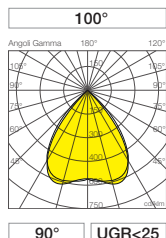


## CURVA FOTOMETRICA / PHOTOMETRY



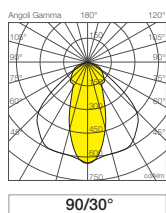
**Mod. SU**  
Riflettore simmetrico 110° in alluminio satinato.

**Mod. SU**  
110° wide beam matt satin aluminium reflector



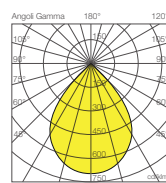
**Mod. S5**  
Riflettore simmetrico 90° in alluminio satinato.

**Mod. S5**  
90° wide beam matt satin aluminium reflector



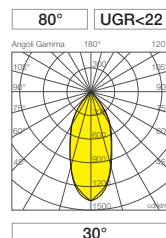
**Mod. EL**  
Riflettore ellittico in alluminio satinato

**Mod. EL**  
Elliptical matt satin aluminium reflector



**Mod. S2**  
Riflettore simmetrico 80° in alluminio satinato

**Mod. S2**  
80° medium beam matt satin aluminium reflector



**Mod. CU**  
Riflettore concentrante 30° in alluminio satinato

**Mod. CU**  
30° narrow beam matt satin aluminium reflector

LED | CE | 220/240 V<sub>~</sub> | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% flicker | L80-B20 >50.000h | L80-B50 >75.000h | 7 YEARS WARRANTY

10 kV



## Mod. SU

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
40	4000K	6708	5356	134	70W JM/SAP	D1
58	4000K	10638	8579	148	70W JM/SAP	D1
65	4000K	11753	9381	144	150W JM/SAP	D1
80	4000K	13809	11024	138	150W JM/SAP	D1
100	4000K	16919	13505	135	250W JM/SAP	D1
118	4000K	19759	15774	134	250W JM/SAP	D1
130	4000K	21403	17087	131	250W JM/SAP	D1
150	4000K	24559	19606	131	250W JM/SAP	D1
170	4000K	26666	21288	125	400W JM	D1
190	4000K	29481	23525	124	400W JM/SAP	D1



## Mod. S2

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
40	4000K	6708	5102	128	70W JM/SAP	D1
58	4000K	10638	8173	141	70W JM/SAP	D1
65	4000K	11753	8937	137	150W JM/SAP	D1
80	4000K	13809	10502	131	150W JM/SAP	D1
100	4000K	16919	12866	129	250W JM/SAP	D1
118	4000K	19759	15027	127	250W JM/SAP	D1
130	4000K	21403	16278	125	250W JM/SAP	D1
150	4000K	24559	18678	125	250W JM/SAP	D1
170	4000K	26666	20280	119	400W JM	D1
190	4000K	29481	22421	118	400W JM/SAP	D1



## Mod. S5

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
40	4000K	6708	5324	133	70W JM/SAP	D1
58	4000K	10638	8529	147	70W JM/SAP	D1
65	4000K	11753	9326	143	150W JM/SAP	D1
80	4000K	13809	10959	137	150W JM/SAP	D1
100	4000K	16919	13425	134	250W JM/SAP	D1
118	4000K	19759	15680	133	250W JM/SAP	D1
130	4000K	21403	16986	131	250W JM/SAP	D1
150	4000K	24559	19490	130	250W JM/SAP	D1
170	4000K	26666	21162	124	400W JM	D1
190	4000K	29481	23396	123	400W JM/SAP	D1



## Mod. CU

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
40	4000K	6708	4880	122	70W JM/SAP	D1
58	4000K	10638	7818	135	70W JM/SAP	D1
65	4000K	11753	8549	132	150W JM/SAP	D1
80	4000K	13809	10045	126	150W JM/SAP	D1
100	4000K	16919	12306	123	250W JM/SAP	D1
118	4000K	19759	14374	122	250W JM/SAP	D1
130	4000K	21403	15570	120	250W JM/SAP	D1
150	4000K	24559	17866	119	250W JM/SAP	D1
170	4000K	26666	19399	114	400W JM	D1
190	4000K	29481	21446	113	400W JM/SAP	D1



## Mod. EL

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
40	4000K	6708	5118	128	70W JM/SAP	D1
58	4000K	10638	8199	141	70W JM/SAP	D1
65	4000K	11753	8965	138	150W JM/SAP	D1
80	4000K	13809	10535	132	150W JM/SAP	D1
100	4000K	16919	12905	129	250W JM/SAP	D1
118	4000K	19759	15074	128	250W JM/SAP	D1
130	4000K	21403	16328	126	250W JM/SAP	D1
150	4000K	24559	18736	125	250W JM/SAP	D1
170	4000K	26666	20343	120	400W JM	D1
190	4000K	29481	22490	118	400W JM/SAP	D1

# PIER HP

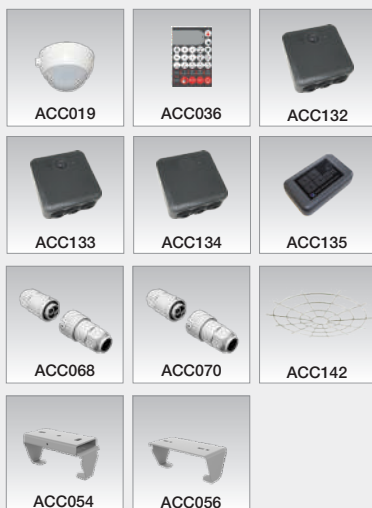
Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle 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



## ACCESSORI / ACCESSORIES



### Dotazione

Sistema di fissaggio sospensione incluso. Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm.

### Equipment

Suspension hook included. 1000mm long H07RN-F neoprene cable included.



RAL 9006

### Δ LUMEN

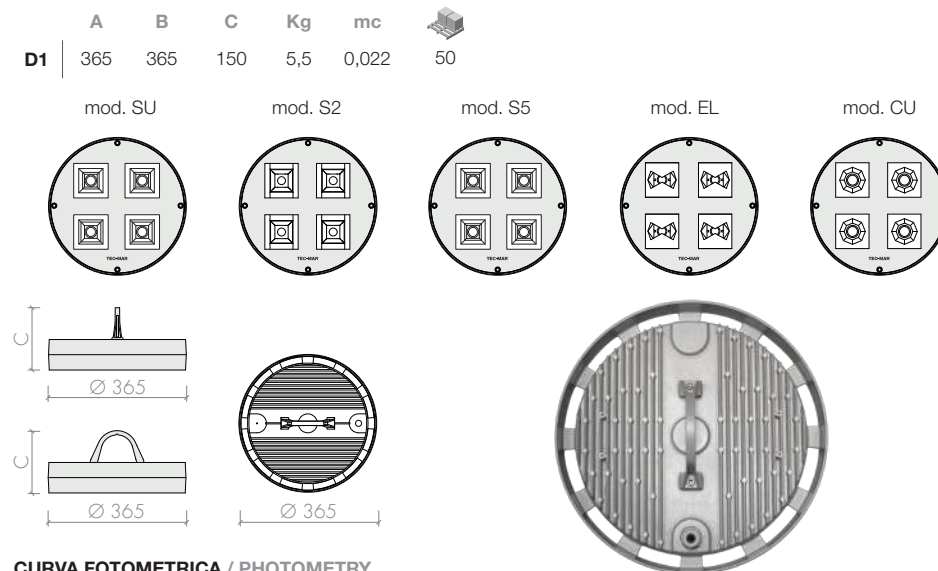
3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 4000°K (CRI >90) = **-14.33%**



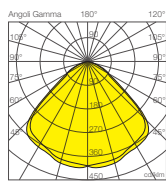
## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
8401		SU		3 = 3000°K (CRI >80)		080 140		GL = on/off
		S2		4 = 4000°K (CRI >80)		100 150		GM = 1-10v
		S5		5 = 5000°K (CRI >80)		118 170		GD = dali
		CU		9 = 4000°K (CRI >90)		120 190		D1 = dali + em. 1h
		EL				130 193		G1 = em. 1h G3 = em. 3h VA = vetro acidato / acid-etched glass VI = vetro infrangibile / shatterproof glass SG = multisensor DALI

## DIMENSIONI / DIMENSIONS



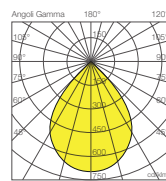
## CURVA FOTOMETRICA / PHOTOMETRY



100°

**Mod. SU**  
Riflettore simmetrico 110° in alluminio satinato.

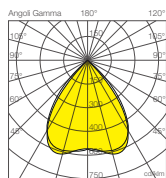
**Mod. SU**  
110° wide beam matt satin aluminium reflector



80° UGR<22

**Mod. S2**  
Riflettore simmetrico 80° in alluminio satinato

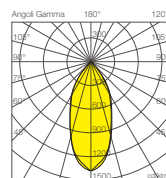
**Mod. S2**  
80° medium beam matt satin aluminium reflector



90° UGR<25

**Mod. S5**  
Riflettore simmetrico 90° in alluminio satinato.

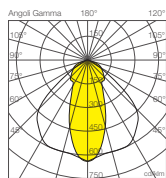
**Mod. S5**  
90° wide beam matt satin aluminium reflector



30°

**Mod. CU**  
Riflettore concentrante 30° in alluminio satinato

**Mod. CU**  
30° narrow beam matt satin aluminium reflector



90/30°

**Mod. EL**  
Riflettore ellittico in alluminio satinato

**Mod. EL**  
Elliptical matt satin aluminium reflector

LED | CE | 220 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 | 7 YEARS WARRANTY

10 kV





## Mod. SU

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	15455	12337	154	150W JM/SAP	D1
100	4000K	19576	15627	156	250W JM/SAP	D1
118	4000K	21651	17284	146	250W JM/SAP	D1
120	4000K	23498	18759	156	250W JM/SAP	D1
130	4000K	24630	19662	151	250W JM/SAP	D1
140	4000K	26468	21130	151	250W JM/SAP	D1
150	4000K	28405	22676	151	250W JM/SAP	D1
170	4000K	30807	24594	145	400W JM	D1
190	4000K	33955	27096	143	400W JM/SAP	D1
193	4000K	36469	29412	152	400W JM/SAP	D1



## Mod. S2

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	15455	11753	147	150W JM/SAP	D1
100	4000K	19576	14888	149	250W JM/SAP	D1
118	4000K	21651	16465	140	250W JM/SAP	D1
120	4000K	23498	17871	149	250W JM/SAP	D1
130	4000K	24630	18732	144	250W JM/SAP	D1
140	4000K	26468	20130	144	250W JM/SAP	D1
150	4000K	28405	21603	144	250W JM/SAP	D1
170	4000K	30807	23430	138	400W JM	D1
190	4000K	33955	25813	136	400W JM/SAP	D1
193	4000K	36469	28020	145	400W JM/SAP	D1



## Mod. S5

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	15455	12264	153	150W JM/SAP	D1
100	4000K	19576	15535	155	250W JM/SAP	D1
118	4000K	21651	17181	146	250W JM/SAP	D1
120	4000K	23498	18648	155	250W JM/SAP	D1
130	4000K	24630	19546	150	250W JM/SAP	D1
140	4000K	26468	21005	150	250W JM/SAP	D1
150	4000K	28405	22542	150	250W JM/SAP	D1
170	4000K	30807	24448	144	400W JM	D1
190	4000K	33955	26935	142	400W JM/SAP	D1
193	4000K	36469	29238	151	400W JM/SAP	D1



## Mod. CU

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	15455	11242	141	150W JM/SAP	D1
100	4000K	19576	13549	135	250W JM/SAP	D1
118	4000K	21651	15750	133	250W JM/SAP	D1
120	4000K	23498	17094	142	250W JM/SAP	D1
130	4000K	24630	17917	138	250W JM/SAP	D1
140	4000K	26468	19225	138	250W JM/SAP	D1
150	4000K	28405	20664	138	250W JM/SAP	D1
170	4000K	30807	22411	132	400W JM	D1
190	4000K	33955	24691	130	400W JM/SAP	D1
193	4000K	36469	26801	139	400W JM/SAP	D1



## Mod. EL

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
80	4000K	15455	11790	147	150W JM/SAP	D1
100	4000K	19576	14209	142	250W JM/SAP	D1
118	4000K	21651	16517	140	250W JM/SAP	D1
120	4000K	23498	17927	149	250W JM/SAP	D1
130	4000K	24630	18790	145	250W JM/SAP	D1
140	4000K	26468	20192	144	250W JM/SAP	D1
150	4000K	28405	21670	144	250W JM/SAP	D1
170	4000K	30807	23502	138	400W JM	D1
190	4000K	33955	25893	136	400W JM/SAP	D1
193	4000K	36469	28107	146	400W JM/SAP	D1



# PIER HP2

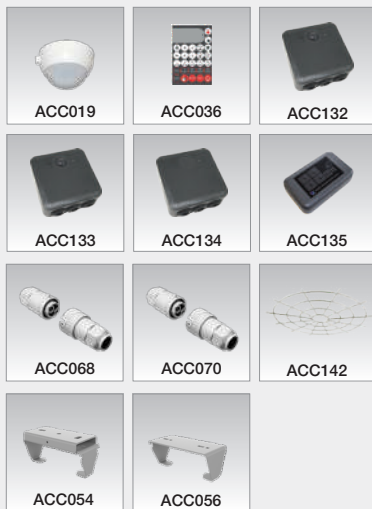
Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoisolante anticorrosione colore silver, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme 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



## ACCESSORI / ACCESSORIES



### Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

### Equipment

Suspension hook included. External wiring via IP66 rapid connector.



**A++**

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%**

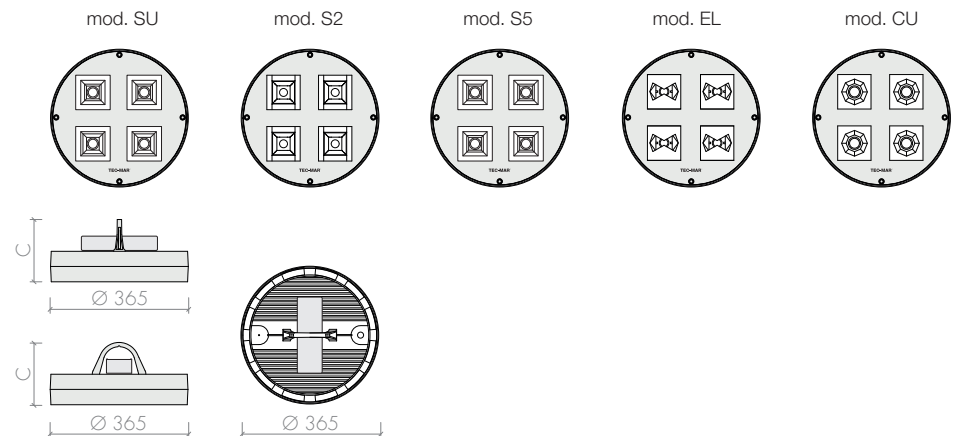


## CODIFICA / CODING

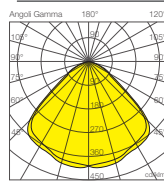
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8402		SU	3 = 3000°K (CRI >80)		200	GL = on/off
		S2	4 = 4000°K (CRI >80)		230	GM = 1-10v
		S5	5 = 5000°K (CRI >80)		240	GD = dali
		CU	9 = 4000°K (CRI >90)		280	D1 = dali + em. 1h G1 = em. 1h G3 = em. 3h
		EL				VA = vetro acidato / acid-etched glass VI = vetro 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

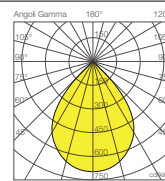


## CURVA FOTOMETRICA / PHOTOMETRY



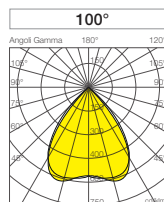
**Mod. SU**  
Riflettore simmetrico 110° in alluminio satinato.

**Mod. SU**  
110° wide beam matt satin aluminium reflector



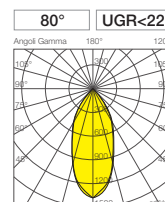
**Mod. S2**  
Riflettore simmetrico 80° in alluminio satinato

**Mod. S2**  
80° medium beam matt satin aluminium reflector



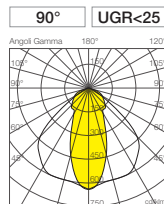
**Mod. S5**  
Riflettore simmetrico 90° in alluminio satinato.

**Mod. S5**  
90° wide beam matt satin aluminium reflector



**Mod. CU**  
Riflettore concentrante 30° in alluminio satinato

**Mod. CU**  
30° narrow beam matt satin aluminium reflector



**Mod. EL**  
Riflettore ellittico in alluminio satinato

**Mod. EL**  
Elliptical matt satin aluminium reflector

LED | CE | 220-240 V ~ | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% flicker | LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | 7 YEARS WARRANTY

6 kV



## Mod. SU

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35331	28205	141	400W JM/SAP	D1
230	4000K	39687	31670	138	400W JM/SAP	D1
240	4000K	41454	33080	138	400W JM/SAP	D1
280	4000K	46686	37255	133	600W SAP	D2



## Mod. S2

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35331	26870	134	400W JM/SAP	D1
230	4000K	39687	30171	131	400W JM/SAP	D1
240	4000K	41454	31514	131	400W JM/SAP	D1
280	4000K	46686	35491	127	600W SAP	D2



## Mod. S5

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35331	28038	140	400W JM/SAP	D1
230	4000K	39687	31483	137	400W JM/SAP	D1
240	4000K	41454	32884	137	400W JM/SAP	D1
280	4000K	46686	37034	132	600W SAP	D2



## Mod. CU

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35331	25701	129	400W JM/SAP	D1
230	4000K	39687	28859	125	400W JM/SAP	D1
240	4000K	41454	30143	126	400W JM/SAP	D1
280	4000K	46686	33948	121	600W SAP	D2



## Mod. EL

W tot.	°K	Lm LED	Lm OUTPUT	Lm/W	replace	dimension
200	4000K	35331	26953	135	400W JM/SAP	D1
230	4000K	39687	30265	132	400W JM/SAP	D1
240	4000K	41454	31612	132	400W JM/SAP	D1
280	4000K	46686	35601	127	600W SAP	D2

# PIER HP6

Riflettore industriale e commerciale a sospensione. Corpo in alluminio pressofuso verniciato con polvere termoisolante 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.

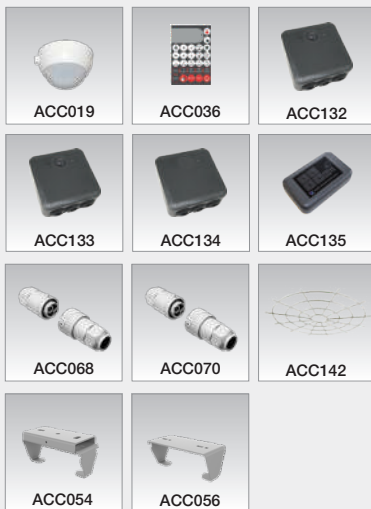
Industrial and commercial suspended high-bay. Die cast aluminium body, coated with polyester anticorrosion powder, silver color, 4 mm thick tempered transparent glass, silicon gasket. Electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## ACCESSORI / ACCESSORIES



## Dotazione

Sistema di fissaggio a sospensione incluso. Cablaggio esterno tramite connettore rapido IP66.

## Equipment

Suspension hook included. External wiring via IP66 rapid connector.



RAL 9006

## Δ LUMEN

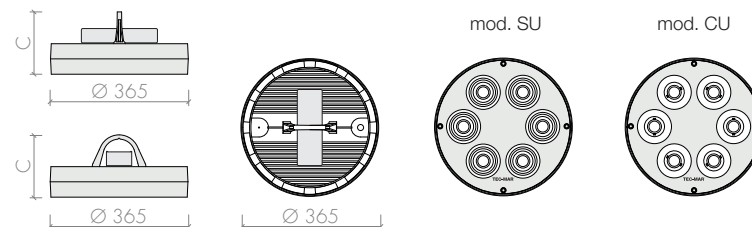
3000°K (CRI >80) = **-5.28%**  
 4000°K (CRI >80) = **standard**  
 5000°K (CRI >80) = **+0.90%**  
 4000°K (CRI >90) = **-14.33%**

## CODIFICA / CODING

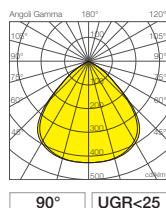
Art.	+	Mod.	+ °K (CRI)	+	W. tot.	+ Options
8405		SU	3 = 3000°K (CRI >80)		080	GL = on/off
		CU	4 = 4000°K (CRI >80)		100	GM = 1-10v
			5 = 5000°K (CRI >80)		130	GD = dali
			9 = 4000°K (CRI >90)		150	D1 = dali + em. 1h
					190	G1 = em. 1h
					200	G3 = em. 3h
					240	VA = vetro acidato / acid-etched glass
					300	VI = vetro infrangibile / shatterproof glass
						SG = multisensor DALI

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	365	365	150	5,8	0,022	50



## CURVA FOTOMETRICA / PHOTOMETRY

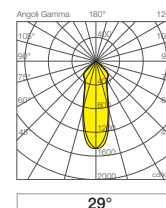


### Mod. SU

Riflettore simmetrico 90° in policarbonato bianco opaco ad alto rendimento di flusso.

### Mod. SU

90° wide beam high efficiency matt white polycarbonate reflector.



### Mod. CU

Riflettore concentrante 29° in alluminio satinato

### Mod. CU

29° narrow beam matt satin aluminium reflector

LED | CE | 220-240 V ~ | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <7% LOW flicker | L80-B20 >50.000h | L80-B50 >75.000h | 7 YEARS WARRANTY

6 kV



## 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.

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
240	4000K - CRI>80	6	43812	34341	143	400W JM/SAP	D1
300	4000K - CRI>80	6	53099	41620	139	600W JM/SAP	D1



## Mod. CU

### 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	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
240	4000K - CRI>80	6	43812	33720	141	400W JM/SAP	D1
300	4000K - CRI>80	6	53099	40868	136	600W JM/SAP	D1









# Stradali

## Street lights

# MIG 1

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



## ACCESSORI / ACCESSORIES



## Dotazione

Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm. Attacco palo regolabile diametro 60mm verniciato a colore incluso.

## Equipment

1500mm long H07RN-F neoprene cable. 60mm diameter painted adjustable pole bracket.



## Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.50%**

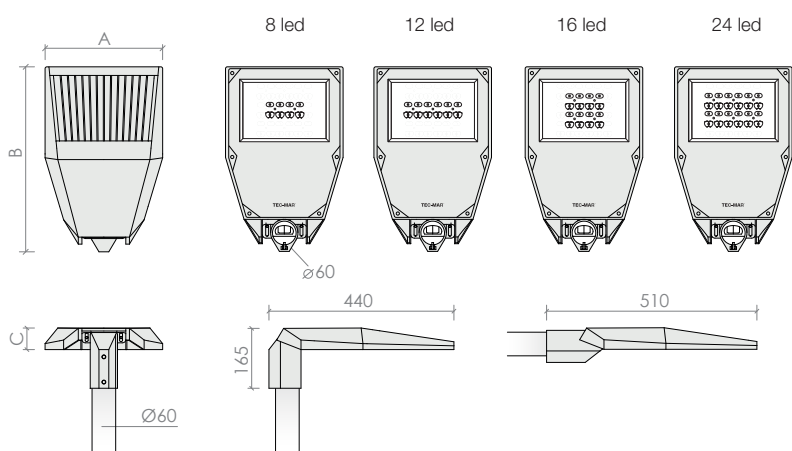


## CODIFICA / CODING

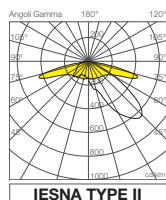
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9200		T2		30 = 3000°K (CRI >70)		08 27		GL = on/off
		ME		40 = 4000°K (CRI >70)		12 34		GM = 1-10v
		CP		50 = 5000°K (CRI >70)		13 36		GD = dali
		AD				16 40		MG = mezzanotte virtuale / virtual midnight
						17 52		Z1 = zhaga socket 1-10V
						18 54		ZD = zhaga socket dali
						24 67		
						25 80		
						26		

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	245	415	60	4,8	0,008	50



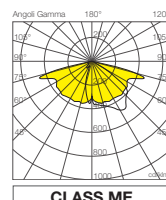
## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. T2

Ottica asimmetrica 45° stradale IESNA Tipo II in PMMA ad alto rendimento.

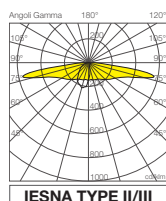
PMMA road lenses with highway beam IESNA type II. 45° asymmetry.



### Mod. ME

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

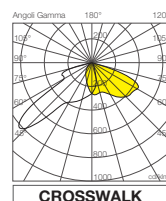
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



### 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.

LED | CE | 220/240 V~ | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <4% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | 7 YEARS WARRANTY

10 kV

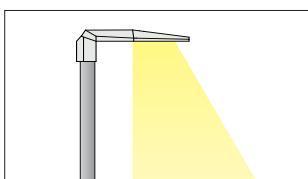


## PRESTAZIONI / PERFORMANCES

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	2119	1799	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

## INSTALLAZIONE / INSTALLATION

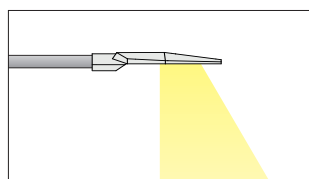
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

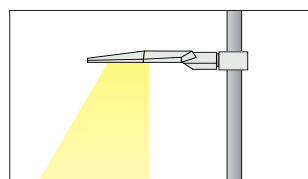
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

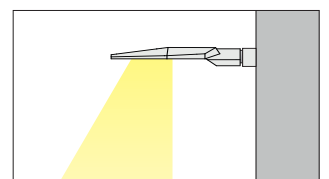
Installazione mezzo palo singolo  
Single half pole installation



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)



# 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



## ACCESSORI / ACCESSORIES



## Dotazione

Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm. Attacco palo regolabile diametro 60mm verniciato a colore incluso.

## Equipment

1500mm long H07RN-F neoprene cable. 60mm diameter painted adjustable pole bracket.



## Δ LUMEN

3000°K (CRI >70) = **-0.50%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.50%**

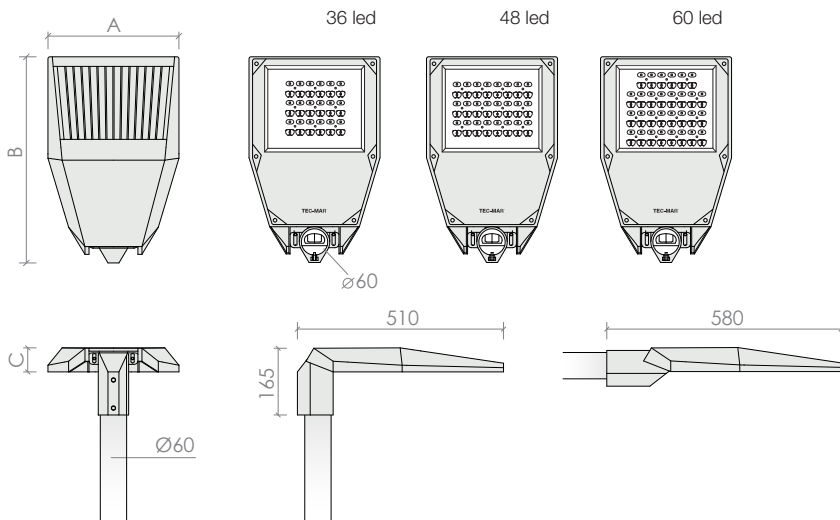


## CODIFICA / CODING

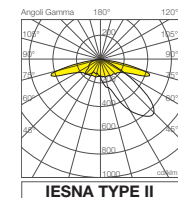
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
9201		T2		3 = 3000°K (CRI >70)		037 091		GL = on/off
		ME		4 = 4000°K (CRI >70)		050 104		GM = 1-10v
		CP		5 = 5000°K (CRI >70)		054 120		GD = dali
		AD				062 130		MG = mezzanotte virtuale / virtual midnight
						073 160		Z1 = zhaga socket 1-10V
						078 200		ZD = zhaga socket dali

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
D1	325	490	65	6,9	0,010	50



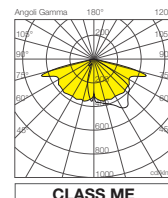
## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. T2

Ottica asimmetrica 45° stradale IESNA Tipo II in PMMA ad alto rendimento.

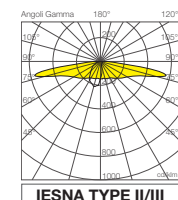
PMMA road lenses with highway beam IESNA type II. 45° asymmetry.



### Mod. ME

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

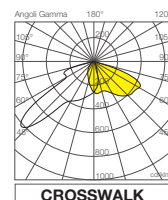
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



### 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.

LED | CE | 220 V~ | -25°C | +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <4% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | 7 YEARS WARRANTY

10 kV

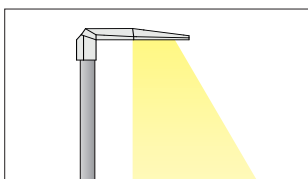


## PRESTAZIONI / PERFORMANCES

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

## INSTALLAZIONE / INSTALLATION

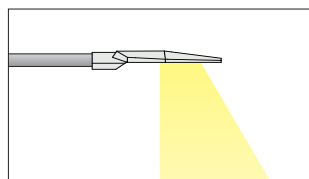
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

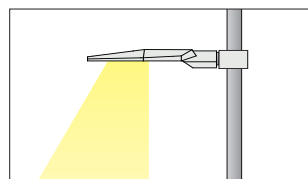
Installazione testa palo  
Pole top installation



Apparecchio adatto per installazione su testa palo da Ø 60mm

Top pole installation - Ø 60mm

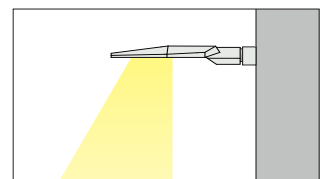
Installazione mezzo palo singolo  
Single half pole installation



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)

# ALO 1

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



## ACCESSORI / ACCESSORIES



## Dotazione

Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500mm. Attacco palo verniciato a colore incluso.

## Equipment

1500mm long H07RN-F neoprene cable. Painted pole bracket.



## Δ LUMEN

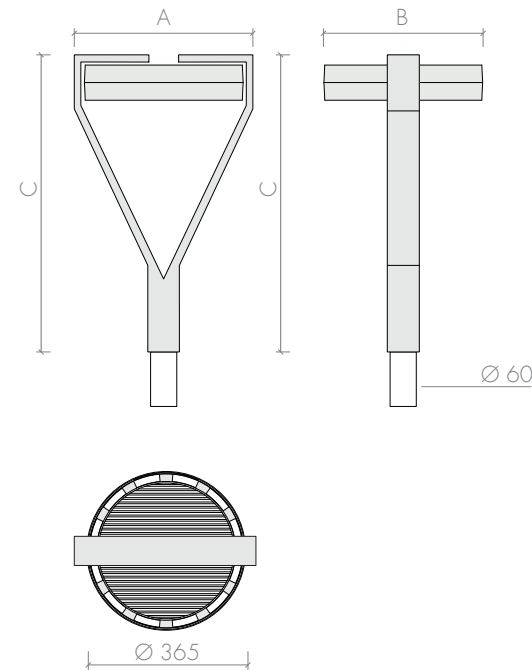
3000°K (CRI >70) = **-0.50%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+0.50%**

## 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		● EL = on/off
						25 80		● LM = 1-10v
								● LD = dali
								● MD = mezzanotte virtuale / virtual midnight

## DIMENSIONI / DIMENSIONS

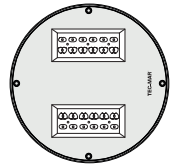
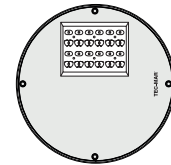
	A	B	C	Kg	mc	
D1	420	365	680	9,0	0,114	20



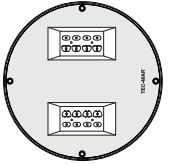
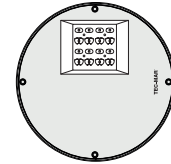
## Mod. ME-CP

## Mod. RT

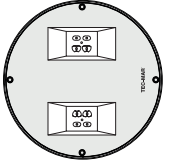
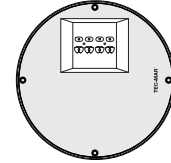
24 led



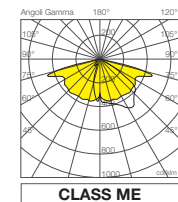
16 led



8 led



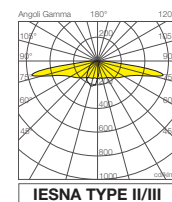
## CURVA FOTOMETRICA / PHOTOMETRY



## Mod. ME

Ottica asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.

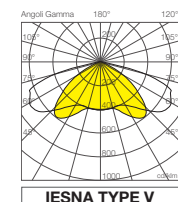
High performance PMMA asymmetrical streetlight optic EN13201 Class ME.



## 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.

LED | CE | 220 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 | 7 YEARS WARRANTY

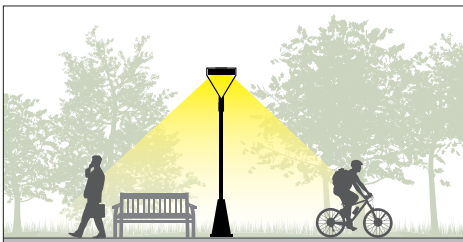
10 kV



## PRESTAZIONI / PERFORMANCES

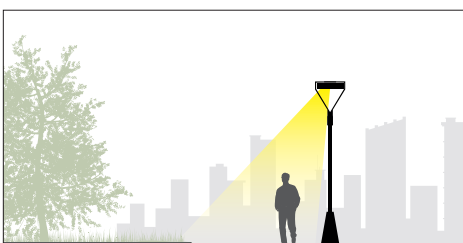
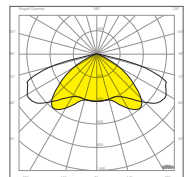
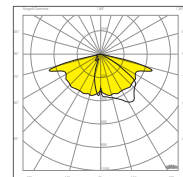
W tot.	mA	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
8	350	4000K - CRI>70	2x4	1530	1265	158	100W ALO	D1
16	350	4000K - CRI>70	2x8	3060	2530	158	150W ALO	D1
25	350	4000K - CRI>70	2x12	4590	3795	152	70W JM	D1
12	500	4000K - CRI>70	2x4	2119	1739	145	150W ALO	D1
24	500	4000K - CRI>70	2x8	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



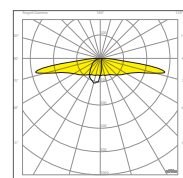
Applicazione del faro per illuminazione di aree ciclopedonali con altezza del palo ridotta.

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.





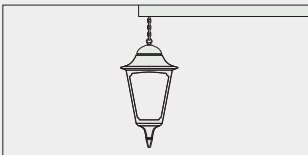
# LIZ

Lanterna stradale adatta per illuminazione di centri storici. Corpo in pressofusione di alluminio verniciato con polveri epossipoliestere termoindurente metallizzato anticorrosione e resistente alle nebbie saline. Cablaggio di serie in doppio isolamento 220-240Vac 50/60Hz con protezione contro le sovratensioni fino a 10kV. Conforme alle normative europee EN / IEC 60598-1:2015.

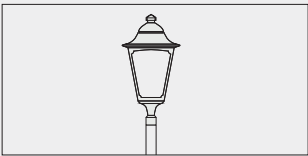
Street lantern suitable for lighting of Old Town. Die-cast aluminum body painted with anti-corrosion metallised thermosetting epoxy-polyester powders, resistant to salt fog. Standard wiring in double insulation 220-240Vac 50 / 60Hz with overvoltage protection up to 10kV. High efficiency European standards EN / IEC 60598-1: 2015.

## APPLICAZIONE / APPLICATION

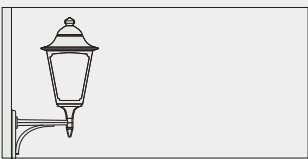
Installazione a sospensione  
Suspended installation



Installazione su palo  
Pole installation



Installazione su braccio  
Arm installation



## Dotazione

Cavo in neoprene H05RN-F in uscita già cablato, lunghezza 1500mm.

## Equipment

1500mm long H05RN-F neoprene cable.



A++

## Δ LUMEN

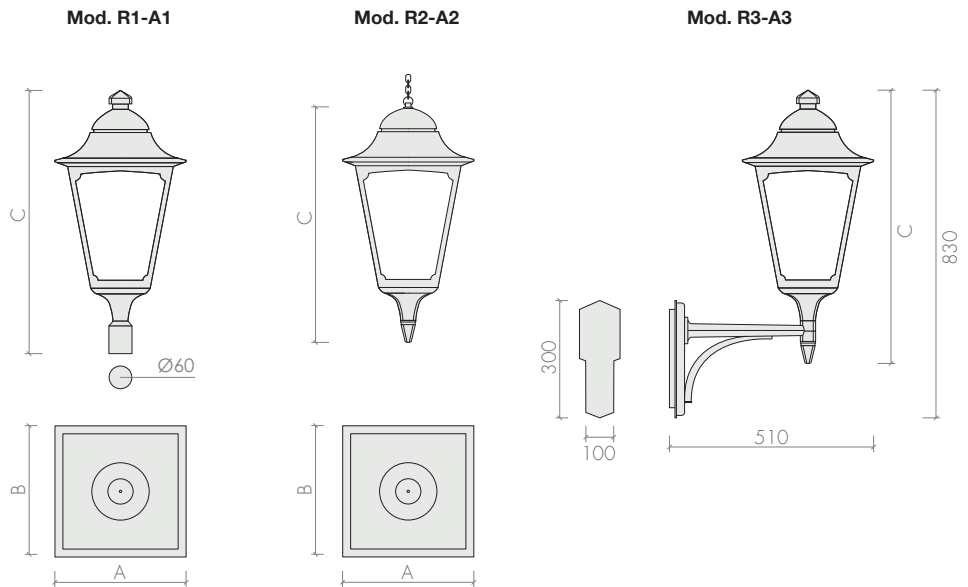
3000°K (CRI >70) = **-0.50%**  
4000°K (CRI >70) = **standard**



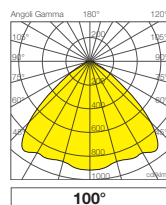
## CODIFICA / CODING

Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
P902		R1		73 = 3000°K (CRI >70)		16		PL = on/off
		R2		74 = 4000°K (CRI >70)		24		PM = 1-10v
		R3				33		PD = dali
		A1				48		PA = mezzanotte virtuale / virtual midnight
		A2						
		A3						

## DIMENSIONI / DIMENSIONS



## CURVA FOTOMETRICA / PHOTOMETRY

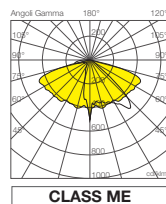


### Mod. R1 / R2 / R3

Lente rotosimmetrica stradale 100° ad alto rendimento. Efficienza fino a 150 Lm/W reali in uscita.

### Mod. R1 / R2 / R3

100° roto-symmetrical street optic in high performance PMMA. Up to 150 Lm/W output efficiency.



### Mod. A1 / A2 / A3

Lente asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento. Efficienza fino a 150 Lm/W reali in uscita.

### Mod. A1 / A2 / A3

Asymmetrical streetlight optic EN13201 Class ME in high performance PMMA. Up to 150 Lm/W output efficiency.

LED | CE | 220-240 V~ | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <4% flicker FREE | L90-B10 >70.000h | L80-B20 >175.000h | 7 YEARS WARRANTY

10 kV



## Mod. A1 / R1

W tot.	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
16	12	2829 lm	2453 lm	153	250W ALO
24	12	3907 lm	3388 lm	141	70W JM
33	24	5658 lm	4908 lm	149	70W JM/SAP
48	24	7814 lm	6775 lm	141	100W JM/SAP

\*4000K CRI>70

### DIMENSIONI / DIMENSIONS

A (mm)	B (mm)	C (mm)	Kg
330	330	680	5,80



## Mod. A2 / R2

W tot.	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
16	12	2829 lm	2453 lm	153	250W ALO
24	12	3907 lm	3388 lm	141	70W JM
33	24	5658 lm	4908 lm	149	70W JM/SAP
48	24	7814 lm	6775 lm	141	100W JM/SAP

\*4000K CRI>70

### DIMENSIONI / DIMENSIONS

A (mm)	B (mm)	C (mm)	Kg
330	330	650	5,60



## Mod. A3 - R3

W tot.	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace
16	12	2829 lm	2453 lm	153	250W ALO
24	12	3907 lm	3388 lm	141	70W JM
33	24	5658 lm	4908 lm	149	70W JM/SAP
48	24	7814 lm	6775 lm	141	100W JM/SAP

\*4000K CRI>70

### DIMENSIONI / DIMENSIONS

A (mm)	B (mm)	C (mm)	Kg
330	330	710	6,70







# Speciali Special



# DANTE

Riflettore per interni ed esterni per stazioni di servizio. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere 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



## ACCESSORI / ACCESSORIES



## Dotazione

Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1000mm. Connettori non inclusi. Cornice per incasso inclusa.

## Equipment

1000mm long H07RN-F neoprene cable included. Recessed frame included.



□ RAL 9003

## Δ LUMEN

4000°K (CRI >80) = **standard**  
5000°K (CRI >80) = **+3.43%**

## CODIFICA / CODING

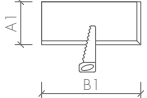
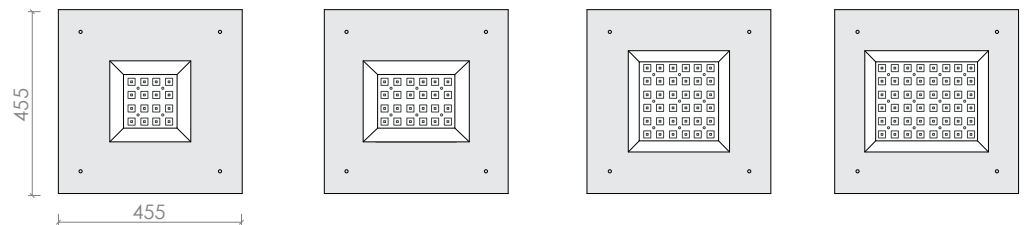
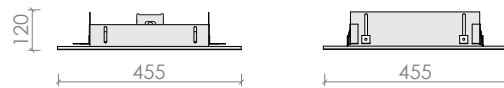
Art.	+	Mod.	+	°K (CRI)	+	W. tot.	+	Options
2084		SU		4 = 4000°K (CRI >80)		054		100 EL = on/off
				5 = 5000°K (CRI >80)		068		110 LM = 1-10v
						080		120 LD = dali
						092		150

## DIMENSIONI / DIMENSIONS

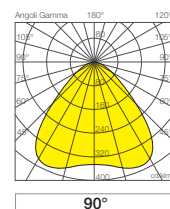
	A	B	C	Kg	mc	
<b>D1</b>	455	455	120	7,5	0,027	40

## FORO INCASSO / RECESSED HOLE

	A1	B1
<b>D1</b>	370	410

## CURVA FOTOMETRICA / PHOTOMETRY



### Mod. SU

Ottica simmetrica 90° in PMMA ad alto rendimento.

### Mod. SU

90° wide beam high performance PMMA optics.

## Mod. SU

### Optica

Optica simmetrica 90° in PMMA ad alto rendimento.

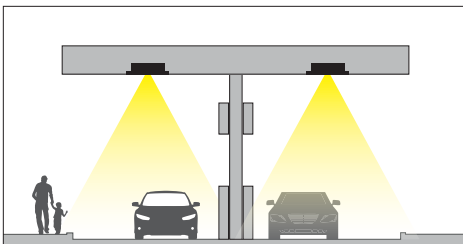
### Optic

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



## Glossario accessori / Accessories glossary

<b>ACC001</b> Cornice 320x620mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso. Frame for recessed installation in plasterboard ceiling. Brackets included. 320x620mm.	<b>ACC002</b> Cornice 620x620mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso. Frame for recessed installation in plasterboard ceiling. Brackets included. 620x620mm.	<b>ACC003</b> Cornice 320x1220mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso. Frame for recessed installation in plasterboard ceiling. Brackets included. 320x1220mm.
<b>ACC004</b> Cornice 620x1220mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso. Frame for recessed installation in plasterboard ceiling. Brackets included. 620x1220mm.	<b>ACC005</b> Cornice 320x1520mm per installazione ad incasso in cartongesso per plafoniere da ufficio. Kit di fissaggio a staffe incluso. Frame for recessed installation in plasterboard ceiling. Brackets included. 320x1520mm.	<b>ACC006</b> Kit completo di 4 cavi d'acciaio lunghezza 1500 mm e rosone di cablaggio per installazione a sospensione. Suspended installation kit, including: 4 steel 1500 mm length cables; wiring rose.
<b>ACC007</b> Kit completo di 2 cavi d'acciaio lunghezza 1500 mm per installazione a sospensione. Suspended installation kit, including: 2 steel 1500 mm length cables.	<b>ACC008</b> Kit completo di 2 cavi d'acciaio lunghezza 3000 mm per installazione a sospensione. Suspended installation kit, including: 2 steel 3000 mm length cables.	<b>ACC009</b> Kit completo di 2 cavi d'acciaio lunghezza 6000 mm per installazione a sospensione. Suspended installation kit, including: 2 steel 6000 mm length cables.
<b>ACC011</b> Picchetto per installazione diretta a terra per serie MICRO. Ground installation picket for MICRO serie.	<b>ACC017</b> Sensore di presenza e luminosità autonomo DALI ad incasso. Recessed DALI presence and light sensor.	<b>ACC018</b> Sensore a plafone di presenza e luminosità autonomo DALI. Surface mounted DALI presence and light sensor.
<b>ACC019</b> Sensore industriale di presenza e luminosità autonomo DALI. Industrial DALI presence and light sensor.	<b>ACC021</b> Elemento di connessione lineare Linear joint	<b>ACC022</b> Elemento di connessione a "L" L joint
<b>ACC023</b> Elemento di connessione a "T" T joint	<b>ACC024</b> Terminale di chiusura "chiuso" "Closed" closing terminal	<b>ACC025</b> Terminale di chiusura "con un foro" "One hole" closing terminal
<b>ACC035</b> Telecomando per sensori da ufficio (opzionale) Remote control for office sensors (optional)	<b>ACC036</b> Telecomando per sensori industriali (opzionale) Remote control for industrial sensors (optional)	<b>ACC037</b> Cornice quadrata per installazione a plafone Square frame for ceiling installation
<b>ACC038</b> Giunto lineare Linear junction	<b>ACC039</b> Tappo di chiusura Closing cap	<b>ACC054</b> Kit staffe per installazione a plafone (silver RAL 9006) Surface mounting kit (silver RAL 9006)
<b>ACC056</b> Kit staffe per installazione a blindo sbarra (silver RAL 9006) Busbar mounting kit (silver RAL 9006)	<b>ACC068</b> Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 2P + E (16A - 400V). Color: grey.	<b>ACC069</b> Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero. IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
<b>ACC070</b> Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore grigio. IP66 waterproof connector, 4P + E (16A - 400V). Color: grey.	<b>ACC071</b> Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero. IP66 waterproof connector, 4P + E (16A - 400V). Color: black.	<b>ACC074</b> Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraio 50cm. Outreach wall bracket, white color. Outreach length: 50cm.
<b>ACC075</b> Sbraccio per fissaggio a muro colore bianco. Lunghezza sbraio 100cm. Outreach wall bracket, white color. Outreach length: 100cm.	<b>ACC076</b> Sbraccio per fissaggio a muro colore silver. Lunghezza sbraio 50cm. Outreach wall bracket, silver color. Outreach length: 50cm.	<b>ACC077</b> Sbraccio per fissaggio a muro colore silver. Lunghezza sbraio 100cm. Outreach wall bracket, silver color. Outreach length: 100cm.
<b>ACC078</b> Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraio 50cm. Outreach wall bracket, anthracite color. Outreach length: 50cm.	<b>ACC079</b> Sbraccio per fissaggio a muro colore antracite. Lunghezza sbraio 100cm. Outreach wall bracket, anthracite color. Outreach length: 100cm.	<b>ACC092</b> Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor for concentrated beams with inclination <70°.
<b>ACC093</b> Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor kit for concentrated beams with inclination <70°.	<b>ACC094</b> Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor for concentrated beams with inclination <70°.	<b>ACC095</b> Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor kit for concentrated beams with inclination <70°.
<b>ACC096</b> Kit Visiera anti-inquinamento luminoso per fasci concentranti con inclinazione <70°. Anti-pollution light visor kit for concentrated beams with inclination <70°.	<b>ACC097</b> Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.	<b>ACC098</b> Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.
<b>ACC099</b> Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.	<b>ACC100</b> Attacco palo regolabile per proiettori verniciato silver. Diametro palo 60 mm. Floodlights adjustable pole bracket, silver color. Pole diameter: 60 mm.	<b>ACC112</b> Attacco mezzo palo per armature stradali verniciato silver. Diametro palo 60 mm Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
<b>ACC113</b> Attacco a parete regolabile per armature stradali verniciato silver. Streetlights adjustable wall bracket, silver color.	<b>ACC124</b> Connettore di inizio linea Line start connector	<b>ACC132</b> 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).
<b>ACC133</b> 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).	<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.	<b>ACC135</b> Gateway portatile per la configurazione dei dispositivi wireless 868 MHz tramite App. Interfacce wireless Bluetooth ed 868 MHz. Gateway for wireless sensor configuration 868 MHz via App. Bluetooth and 868 MHz wireless interfaces.
<b>ACC136</b> Cannocchiale di puntamento 4x32 per proiettori. 4x32 aiming scope for projectors.	<b>ACC137</b> Laser di puntamento diurno e notturno per proiettori. Day and night aiming laser for projectors.	<b>ACC138</b> Griglia di protezione 160 x 230 mm 160 x 230 mm protection grid
<b>ACC139</b> Griglia di protezione 210 x 260 mm 210 x 260 mm protection grid	<b>ACC140</b> Griglia di protezione 300 x 310 mm 300 x 310 mm protection grid	<b>ACC141</b> Griglia di protezione 330 x 360 mm 330 x 360 mm protection grid
<b>ACC142</b> Griglia di protezione Ø 370 mm Ø 370 mm protection grid	<b>ACC146</b> 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	<b>ACC147</b> 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
<b>ACC149</b> Sensore bluetooth da incasso. Per apparecchi con opzione BT Recessed bluetooth sensor. For fixture with BT option	<b>ACC150</b> Sensore bluetooth a plafone. Per apparecchi con opzione BT Surface mounting bluetooth sensor. For fixture with BT option	<b>ACC158</b> Staffa con trattamento marino resistente alle nebbie saline Bracket with marine treatment resistant to saline fog
<b>ACC159</b> Staffa con trattamento marino resistente alle nebbie saline Bracket with marine treatment resistant to saline fog	<b>ACC160</b> Staffa con trattamento marino resistente alle nebbie saline Bracket with marine treatment resistant to saline fog	<b>ACC161</b> Staffa con trattamento marino resistente alle nebbie saline Bracket with marine treatment resistant to saline fog
<b>ACC162</b> Cassaforma murale per modello 2N e 2B Wall formwork for 2N and 2B models	<b>ACC163</b> Cassaforma murale per modello 4N e 4B Wall formwork for 4N and 4B models	<b>ACC164</b> Cassaforma murale per modello 8N e 8B Wall formwork for 8N and 8B models
<b>ACC167</b> Piastra di fissaggio driver remoti alla staffa Fixing plate for remote drivers on the bracket	<b>ACC168</b> Piastra di fissaggio driver remoti alla staffa Fixing plate for remote drivers on the bracket	<b>ACC172</b> Kit staffe di rotazione regolabili Adjustable rotation bracket kit
<b>ACC173</b> Kit connettori stagni IP66 2P+T IP66 waterproof connector 2P+T	<b>ACC174</b> Kit connettori stagni IP66 4P+T IP66 waterproof connector 4P+T	<b>ACC175</b> Cornice rettangolare per installazione a plafone Rectangular frame for ceiling installation

# LIGHT UP YOUR WORK

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