

DESCRIPTION

Dimensions - Area exposed to wind pressure - Weight

Height	Width	Length	Diameter	Area exposed to wind (S)	Weight ^(A)	Weight ^(B)
580 mm			365 mm	0.210 m ²	12.5 Kg	10.5 Kg

^(A) Max weight of light fixture with electromagnetic wiring.

^(B) Max weight of light fixture with electronic wiring.

Electrical characteristics (electromagnetic wiring)

Voltage	Frequency	IP	Insulation class	Cos Φ	Oper. Temp. °C
230V	50Hz	66	CL II \square CL I \perp (on request)	> 0.9	-30... +40

Electrical characteristics (electronic wiring)

Voltage	Frequency	IP	Insulation class	Cos Φ	Oper. Temp. °C
208-277V	50/60Hz	66	CL II \square CL I \perp (on request)	> 0.9	-30... +50

Conformity

	2014/35/UE (LVD)	2014/30/UE (EMC)	2011/65/UE (RoHS)	(ErP)
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Mounting system

- Threaded tube G3/4" male in brass, with quick locking system.
- Suitable only for suspended mounting.

Materials

- Die casting aluminum (UNI EN 1706).
- Sheet aluminum.
- Brass.
- Acrylic screen at side (PMMA).
- Tempered glass screen lower.
- Screws in stainless steel and brass.

Structure - Main components

- Upper frame in die-cast aluminium, with tube threaded G3/4" male in brass, with quick locking system, with inside cable gland.
- Four side clips for securing the screen without screws.
- Silicon gasket between frame and screen..
- Cylindrical screen in PMMA with bottom in flat tempered transparent glass. Shock resistance IK08.
- Inside frame tilting in anodized aluminum sheet, composed by a upper wiring plate with spring clips for opening, connected with a tube to a semispherical cover with reflector inside.

Optics

- Reflector mod. 1 - street lighting - Installation on the side of street.

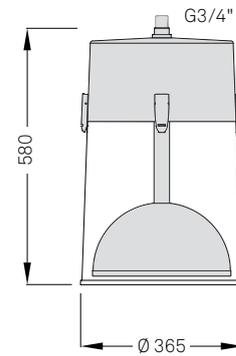
Operations and maintenance

- To access the lamp remove the screen, unhooking the clips at sides, without use of tools. To access also at the auxiliary compartment, press two springs clips inside of the wiring plate.
- During installation, follow the instructions for the correct optic orientation on the support.
- Electric auxiliaries individually replaceable, housed in the upper part on the extractable plate.
- During maintenance operations, no screw separates from the structure.
- Periodic maintenance (about once a year) for external cleaning of the structure and screen from dust and smog, and the control of fastening of all screws, must be performed with light fixture switched off and cold.

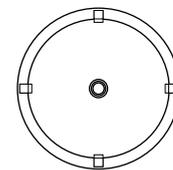
Painting

- Standard color is metalized matt dark gray, type Neri.
- Inside frame in anodized aluminum, light grey color.
- Other colours of RAL range on request.
- Information about paint steps used on this product in specific technical sheet.

DRAWINGS AND TECHNICAL INFORMATIONS



Front/Side view



Plan view



Details

Code construction

To configure the complete code of luminaire, add in sequence after **Serie** code, the others parts of code: Ballast-screen (**SSS**) + Optic (**X**) + Lamp predisposition (**YY**) + Wiring type (**ZZ**). See configurations tables on the following page.

CONFIGURATION WITH ELECTROMAGNETIC WIRINGS

Screens

Cod. SSS	Light fixture series	Materials	Finiture	Shock R.
A21	020	Flat tempered glass	Transparent	IK08

Optics

Cod. X	Reflector mod.	Lighting classes	Class IES
1	mod. 1 - fixed position	Street lighting	Full cut-off

- Reflector pressed in aluminum sheet, polished and oxidized. (thickness 1 mm - purity 99.90%).
- Lampholder regulable for a optimal positioning of lamp.
- Height of installation from: 4.5 - 6.5 meters.

Wirings (Predisposition for lamps with optical and lampholder)

Cod. YY	Lamps predisposition	W	Optics	Lampholders
32	(MT) Metal halide - (ST) Sodium H.P.	70	1	E27
33	(MT) Metal halide - (ST) Sodium H.P.	100	1	E40
35	(MT) Metal halide - (ST) Sodium H.P.	150	1	E40

- Electromagnetic ballast with high efficiency (CELMA class EEI=A3), with thermal protection.
- Electronic ignitor (pulses until to 4.5 KV).
- Power factor correction capacitor.
- Ceramic lamp holders in relation to the type of lamp.
- Electric components on wiring plate easily removable.
- Wiring with plug-in connections on plate easily removable.
- Terminal board for cables with max section of 2,5 mm².

Electromagnetic wirings (characteristics)

Cod. ZZ	Details
22	CL II □ (insulation class) - Fuse 400V-6.0AgG (8.5 x 31.5 mm)

Note

- Use lamps with efficiency \geq di 90 lm/W.
- The lamps are not included in the wiring.
- On request can be realized other wiring configurations.

CONFIGURATION WITH ELECTRONIC WIRINGS

Schermi

Cod. SSS	Light fixture series	Materials	Finiture	Shock R.
E21	020	Flat tempered glass	Transparent	IK08

Optics

Cod. X	Reflector mod.	Lighting classes	Class IES
1	mod. 1 - fixed position	Street lighting	Full cut-off

- Reflector pressed in aluminum sheet, polished and oxidized. (thickness 1 mm - purity 99.90%).
- Lampholder regulable for a optimal positioning of lamp.
- Height of installation from: 4.5 - 6.5 meters.

Wirings (Predisposition for lamps with optical and lampholder)

Cod. YY	Lamps predisposition	W	Optics	Lampholders
C4	CPO-TT (Philips)	60	1	E27
C5	CPO-TT (Philips)	90	1	E40
D4	(ST) Sodium H.P.	70	1	E27
D5	(ST) Sodium H.P.	100	1	E40

- Programmable electronic ballast with auto self diagnostics functions, protected against short circuit, over-temperature and over-voltages up to 10 kV (EN61547).
- Estimated life B10 a 80.000 h.
- Ceramic lamp holders in relation to the type of lamp.
- Electric components on wiring plate easily removable.
- Wiring with plug-in connections on plate easily removable.
- Terminal board for cables with max section of 2,5 mm².

Electronic wirings (Functions and controls)

Cod. ZZ	Functions
06	DALI - NCL (Neri Costant lumen)
13	NVL6H (automatic flux control (- 30% for 6 hours))

Note

- Use lamps with efficiency \geq di 90 lm/W.
- The lamps are not included in the wiring.
- On request can be realized other wiring configurations.

PHOTOMETRICS OF REFERENCE

Reflector mod. 1 - Transparent flat glass screen.

Asymmetric for street lighting - Full cut off - Type III

