

DESCRIPTION

Compliance

- In compliance with EN 60598-1; EN 60598-2-3; EN 62031;
EN 55015 EMC; EN 61547 EMC; EN 62471



Dimensions - Area - Weight

Height	Width	Lenght	Diametre	Area exposed to wind (S)	Weight
540 mm			470 mm	0.163 m ²	10.5Kg

Electrical characteristics

Voltage	Frequency	P. Rating IP	CL II	CL I	Cos φ	Operative Temp.
120-277V	50-60 Hz	43	●	○	> 0.9	-30°C...+40°C

Connection

- Suitable for suspended mounting.
- Thread tube G3/4" (ISO 228/1 BSP/G).

Materials

- Die-cast and sheet aluminum (UNI EN 1706).
- Acrylic frosted transparent screen.
- Stainless steel fasteners.

Structure - Main components

- Upper frame with circular shaped plant, hinged to the lower frame, equipped of a threaded tube G 3/4" for suspended mounting.
- Bottom tilting frame composed of a ring, with screen support function.
- Screen in a single piece in acrylic (PMMA) frosted transparent.
Shock resistance: IK06 (EN 62262).

Electrical auxiliaries

- Programmable electronic power supply for LED module.
- Automatic disconnector switch when opening.
- Terminals for wires with a max. section of 2,5 mm².

Operations and maintenance

- To opening the light fixture and access to wiring and optic compartment unscrew two screws on the upper frame and rotate the bottom frame.
- Automatic disconnector switch when opening.
- Separate electronic driver from LED module, individually replaceable.
- During installation, follow the instructions for the correct orientation on the support.
- Periodic maintenance for the external cleaning of the structure and the screens from dust and smog (the operations must be performed with the line power off and with luminaire cold).

Painting

- Standard color is dark gray, type Neri.
- Information about paint steps used on this product in specific technical sheet.

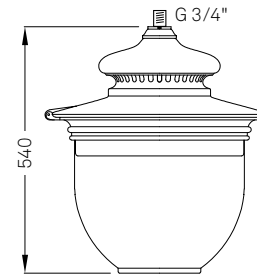
Symbols

- ● : standard characteristics
- ○ : On request characteristics

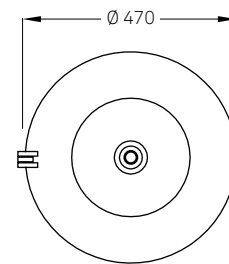
Code construction

- To create the complete code of the configuration, insert sequential parts of the code on the configuration of the optics (XX), LED modules (YYY) and functions of the power supply (ZZ). Example: **SN600L02 1P4 02**
- Classe I of insulation (in this case the product code is to be requested).

DRAWINGS AND TECHNICAL INFORMATIONS



Front view



Plan view



DESCRIPTION

Optics

Cod. XX	Type	Lighting class	Class IES
02	Refractive lens	road lighting and mixed areas	Cutoff
06	Refractive lens	Rotosymmetrical for mixed areas	Cutoff

- Refractive lens in polycarbonate, UV resistant. Shock resistance: IK10.
- Protection rating optic compartment: IP66.
- Height of installation: from 3.5 to 5.5 meters.

LED Module

3000K		lm	W	lm/W
Cod. YYY				
1P2	○	2.500	27	85
1P4	●	3.500	39	83
1P6	●	4.500	53	78

4000K		lm	W	lm/W
Cod. YYY				
3P2	○	2.500	26	88
3P4	○	3.500	36	89
3P6	○	4.500	48	86

- The energetic values in the table are referred to the complete system.
- Power LEDs module on printed circuit board with metal core plate.
- NTC sensor on LED plate for control of dangerous temperatures.
- Estimated life: 100.000 h (L80 - Ta 25°C).
- Colour Rendering Index: CRI > 70
- Minimum efficiency of individual LEDs: > of 100 lm/W
- No photobiological risk at distance: > 1.6 meters (EN 62471).

Power supply - characteristics and functions

Cod. ZZ	Functions
02	● 1-10V + NCL (Analogic control + Neri constant lumen)
06	● DALI + NCL (Digital control + Neri constant lumen)
14	● NVL6H + NCL (autodimming -30% x 6h + Neri constant lumen)

- Programmable electronic power supply with auto self diagnostics functions.
- Protected against short circuit, over-temperature and over-voltages up to 4 kV.
- Estimated life B10 a 80.000 h.

Symbols

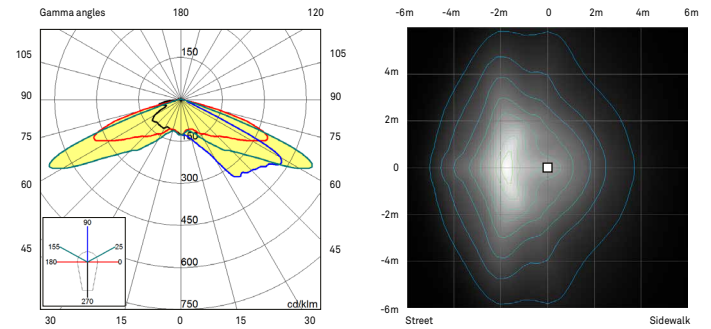
- ● : standard characteristics
- ○ : On request characteristics

Code construction

- To create the configuration code, insert sequential parts of the code of the optical configuration (XX) + LED module (YYY) + power supply functions (ZZ), to be added to the base code of the light fixture.

PHOTOMETRIC CURVES

Optic mod. 02 with screens in PMMA frosted transparent. Road and mixed area - Cutoff



Optic mod. 02 with screens in PMMA frosted transparent. Rotosymmetrical mixed area - Cutoff

