

NERI

Light 106 C
Cod. PN106L+XXYYYYZZ

Connection: Headpost
Source: LED Performance

Technical sheet
Measures in mm

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	Length	Diameter	Weight
455 mm			500 mm	6.5Kgs

Electrical characteristics

Voltage	Frequency	P.Rating IP	Insulation class	Cosφ	OperativeTemp.
230V	50 Hz	66	CLI	> 0.9	-30°C...+50°C

Connection

- Flange with a hole diam. 28 mm, on bottom frame.
- Suitable for head post or bracket.

Materials

- Die-cast and extruded aluminium
- Sheet aluminium.
- Stainless steel fasteners.

Structure - Main components

- Cover circular in aluminum with central knob for opening.
- Bottom frame composed of a ring in sheet aluminum, four arms in extruded aluminum and a flange in die-cast aluminum predisposed of a hole (28 mm) for fixing to support. Electric cable (diam. max 14 mm) inside to a upright.
- Wiring plate easily removable.
- Silicone gasket between the upper and lower frames.

Electrical auxiliaries

- Terminals for wires with a max. section of 2,5 mm².

Operations and maintenance

- To access the optical and wiring compartment, unscrew the upper knob and lift the upper frame.
- 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).

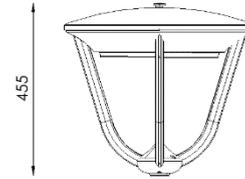
Powder Coating

- Standard color is dark gray, type Neri.

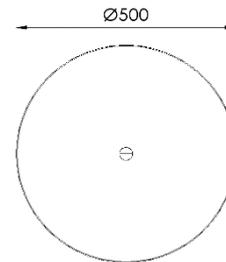
Code construction

- 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: PN106L02 3I3 02
- Class II of insulation (in this case the product code is to be requested).

DRAWINGS AND TECHNICAL INFORMATIONS



Front - side view



Plan view



DESCRIPTION

Optics

Asymmetrical Optics for Roadside Installation

- Wide range of optical lighting distributions (on request).
- Refractive lens in PMMA/PC
- Minimum height installation: 2.5m.

CCT - 3000K/4000K

LED Module

Lm	W	lm/W
2500	21	120
3500	29	120
4500	38	120
6000	50	120
7200	60	120

The energetic values in the table are referred to the LED + Power supply.

- Colour Rendering Index: > 70
- Other CCT's & CRI's available on demand.
- Projected LED Lifetime >100,000hours @Ts 85°C

Driver

Driver functions

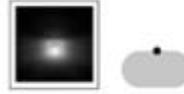
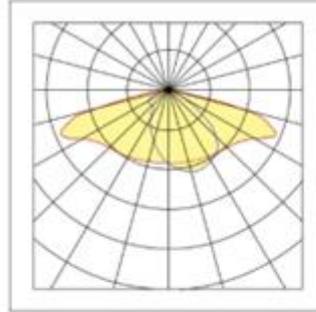
Electronic Power Supply

*Dimmable Power Supplies available on request

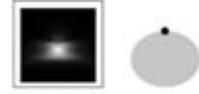
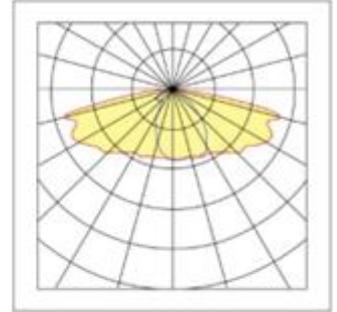
PHOTOMETRIC CURVES

Lighting distribution

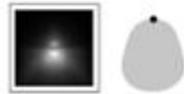
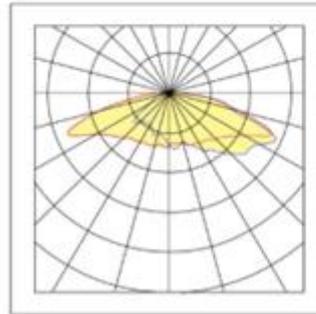
Type II



Type III



Type IV



Type V

