

## DESCRIPTION

### Compliance

-In compliance with IEC60598-1; IEC60598-2-3; IEC62031; IEC/TR62778.

### Mechanical Information -

Height	Width	Length	Diameter	Area exposed to wind (S)	Weight
605 mm	325 mm	325 mm	-	0.065 m <sup>2</sup>	5.5Kgs.

### Fixing

- Flange with a hole diam. 28 mm, on bottom frame.
- Suitable for head pole mounting.

### Materials

- Die-cast aluminium (UNI EN 1706).
- PMMA Frosted basket screen
- Stainless steel fasteners.

### Powder Coating

- Standard color is Neri Grey.

### Structure - Main components

- Tilting upper square frame made in die-cast aluminum, for access to the auxiliary and optical compartment.
- Bottom frame made in die-cast aluminum with four-armed bracket with flange and a hole (dia. 28 mm) for attachment to the support.

### Electrical characteristics

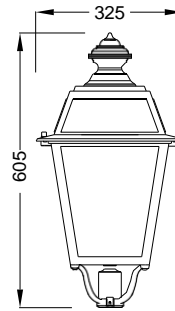
Voltage	Frequency	IP Rating	Ins. class	Cos φ	Oper. Temp.
AC240V	50 Hz	IP66	CL I	> 0.9	-35°C...+50°C

- Electronic power supply for LED module.
- Protected against short circuit, over-temperature and over-voltages.
- Terminals for wires with a max. section of 2.5 mm<sup>2</sup>.

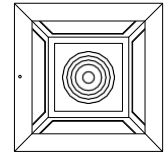
### Operations and maintenance

- To access the optical and wiring compartment, unscrew a screw on upper frame and rotate it.
- 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 lens screens from dust and smog (the operations must be performed with the line power off and with luminaire cold).

## DRAWINGS AND TECHNICAL INFORMATIONS



Front view



Plan view



DESCRIPTION

Optics

Asymmetrical Optics for Road Side 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

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

POLAR DIAGRAMS

Type II - A

Luminous intensity class G\*4

