

## 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	Area exposed to wind (S)	Weight
700 mm			470 mm	0.216 m <sup>2</sup>	12.5 Kg

### Electrical characteristics

Voltage	Frequency	IP Rating	Ins. Class	Cos φ	Operative Temp.
240V	50Hz	IP 66	CL I	>0.9	-35°C...+50°C

IP rating mentioned is of Optical Compartment

### Connection

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

### Materials

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

### Structure - Main components

- Upper tilting frame with circular shaped plant with a decorative pineapple, hinged to the lower frame.
- Bottom frame composed by a ring, three curved uprights decorated, fixed to an element of base with a hole (28 mm) for fixing to support. Electric cable inside at a curved upright.
- Screen in a single piece made in acrylic (PMMA) frosted transparent.  
Shock resistance: IK06 (EN62262).

### Operations and maintenance

- To opening the light fixture and access to wiring and optic compartment unscrew two screws on the 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 screens from dust and smog (the operations must be performed with the line power off and with luminaire cold).

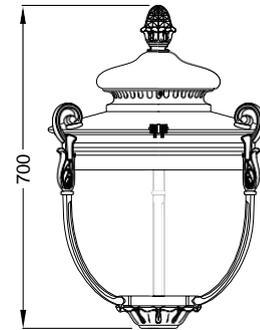
### Painting

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

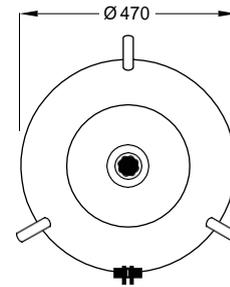
### Code construction

- 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: PN500L18 112 02

## DRAWINGS AND TECHNICAL INFORMATIONS



Front 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.
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CCT - 3000K/4000K

LED Module		
lm	W	lm/W
2500	21	120
3500	28	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

## PHOTOMETRIC CURVE

