

## 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
225 mm			420 mm	0.05 m <sup>2</sup>	6.5 Kgs.

### Electrical characteristics

Voltage	Frequency	IP Rating	Ins. Class	Cos $\phi$	Operative Temp.
230V	50Hz	IP 65	CL I	>0.9	-35°C...+50°C

### Connection

- Quick coupling in brass with threaded tube G 3/4" (ISO228/1-BSP/G).
- Suitable for suspended installation

### Materials

- Aluminium
- Stainless steel and brass fasteners.

### Structure - Main components

- Upper frame made in aluminum, with quick coupling threaded G 3/4" for fixing to support.
- Bottom frame in aluminum, removable for access to the wiring and optical compartment.
- Gasket in silicone between the upper and bottom frames.

### Electrical auxiliaries

- Standard Electronic power supply for LED module.
- Terminals for wires with a max. section of 2.5 mm<sup>2</sup>.

### Operations and maintenance

- To access the optical and wiring compartment, loosen the three screws, rotate and lower the bottom frame. The bottom frame remains suspended by the safety cable.
- 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).

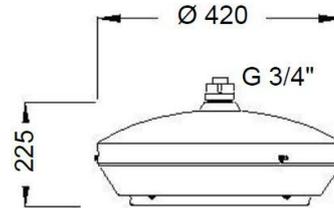
### Painting

- Standard color is dark gray, type Neri.

### Code construction

- To create the complete code of the configuration, insert sequential parts of the code on the configuration of the optics, LED modules and functions of the power supply. Example: **JSN104L02 1P4 02**

## DRAWINGS AND TECHNICAL INFORMATIONS



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
7500	63	120
9000	75	120
10500	88	120
12000	100	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

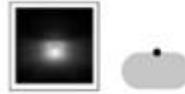
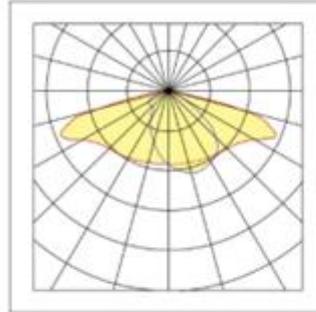
Electronic Power Supply

\*Dimmable Power Supplies available on request

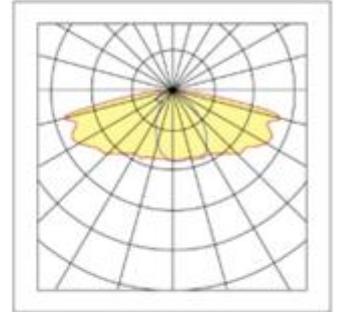
PHOTOMETRIC CURVES

Lighting distribution

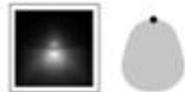
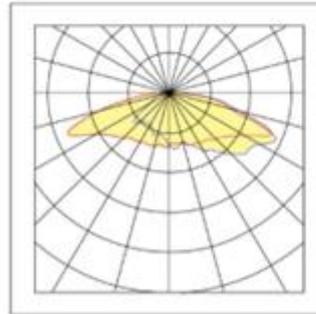
Type II



Type III



Type IV



Type V

