

DESCRIPTION

Compliance

- In compliance with EN 60598-1; EN 60598-2-3; N 62031; EN 55015 EMC; EN 61547 EMC; EN 61000-3-2/3; IEC/TR 62778.

Mechanical information

Height	Width	Length	Weight	IP	IK	Area (S)
100mm	238mm	474mm	3.0 Kgs.	66	08	0.035m ²

Electrical characteristics

Voltage	Frequency	Cos φ	Operative Temp.
AC 240V	50/60 Hz	> 0.9	-35°C...+50°C

Fixing

- Suitable for post top or side mounting on Ø 48mm .
- Coupling with adjustable tilt of 10° with steps of 5°.

Materials

- Die cast aluminium.
- clear transparent flat glass (IK08)
- Stainless steel fasteners.

Structure – Main components

- Lower frame oval in shape, in aluminium hinged to the upper frame.
- Hole for coupling on pipes Ø 48 mm, for lateral or installation (angular regulation 0°~10°) and horizontal installation (angular regulation ±5°).
- Upper tilting frame for accessing the compartment holding the auxiliary devices and optics.
- Silicone gasket between the upper and lower frames & glass.
- LED module with heat sink directly on the frame and refractive micro lenses in polycarbonate (PC).
- Protection screen in transparent clear tempered glass (IK 08).
- Electronic power supply.

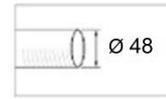
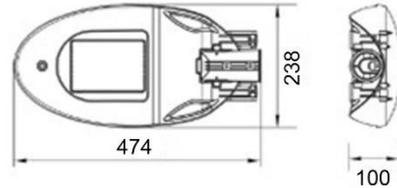
Operations – Maintenance

- Open-close operations by one screw on the lower frame: no component actually comes away from the structure.
- Power supply unit not attached to the LED module and can be replaced separately. No maintenance required except for periodical cleaning of the screen to remove dust and dirt.

Finish

- Powder coating in Grey Colour
- Other colors available on request

DRAWINGS



DESCRIPTION

Optic

Lighting distribution	LOR	IES Class
Roadways – Side road installation (T2)	100%	Full Cutoff
Roadways – Side road installation (T3)	100%	Full Cutoff

* More Optics available on request

- Refractive lens in PC.

Luminous flux

3000K	System	
	lm	lm/W
	28	111
	43	111
	63	111

Luminous flux

4000K	System	
	lm	lm/W
	28	120
	43	120
	63	120

*Other colour temperatures available on request.

- Integrated heat sink in cast aluminium on external frame.

- Estimated life – >L70 @100,000 hours

- Colour Rendering Index: Ra ≥ 70

Driver

Driver functions
Standard Electronic Power supply

*Dimmable Power supply available on request

