1887 - Rodio LED - asymmetric

Code: 414753-00

Many different designs, with different wattages and optics for a result that is always of the highest quality. These luminaires are ideal for illuminating façades, street, sports facilities, residential areas and in any outdoor application.
The Rodio family comprises several versions, with asymmetric, narrow-beam and wide-beam optics, also available in wide beam and street curve versions, and Virtual Midnight option.
Equipped with LEDs, these luminaires offer perfect glare-free light control. You can choose versions with lenses or with COB LEDs for better lighting performance. All models feature high light quality, colour temperatures of 3000 or 4000K and excellent colour rendering. Also available in Amber colour versions.

GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	568 mm
Width (mm)	333 mm
Height (mm)	80 mm
Weight (Kg)	6.5 kg

INSTALLATION

Surface exposed to wind (mm)	L 39000 mm², F 142000 mm²

ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD
Power factor	≥0.9
Surge protector (common) (EN 61547)	10 kV, 10 kV
Insulation class	Class I
Controllability	None

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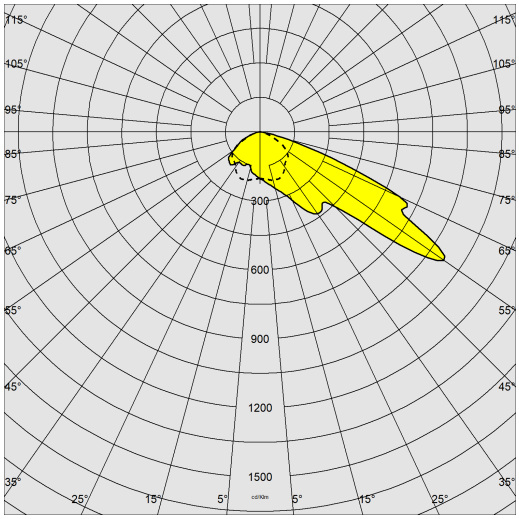

PHOTOMETRIC DATA

Distribution type	Asymmetric
Lighting source	LED
CRI	80
Luminous flux (output) (lm)	23125 lm
Power absorption (total) (W)	157 W
CCT	4000 K
Luminous efficacy (lm/W)	147 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Colour consistency	SDCM4
Asymmetry degrees	55 °
LED flux maintenance	80000 hr, L 80, B 20

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-40 °C
Ambient temperature - max	40 °C

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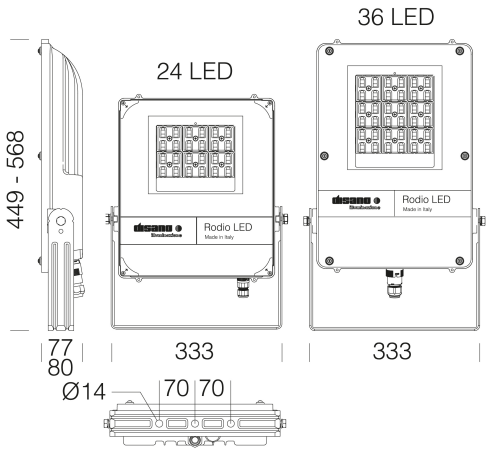

DOWNLOAD

MOUNTS

AssemblyInstructions rodio 05-24.pdf

DESIGNS

BIM 1887 asymmetric 11-23

TechnicalDrawing 1887.dxf

TechnicalDrawing3D disano 1887 rodio 36 led.3ds

MATERIALS AND COLOURS

Housing	in die-cast aluminium with cooling fins integrated in the cover.
Optics	in high-performance PMMA resistent to high temperatures and UV rays.
Diffuser	tempered glass, 5 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).
Heat sink	the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life.
Coating	pre-treatment of metal surface, polyester powder coating to ensure resistance to corrosion and salt spray fogs, UV stabilised.
Special coating (UPON REQUEST)	- surface coating in compliance with UNI EN ISO 9227 (Corrosion tests in agressive artificial atmospheres) - conformal coating compliant, subcode -38 with high chemical resistance for environments with a high concentration of chlorine
Colour	Graphite
Equipment	- with galvanised and painted bracket - waterproof connector for quick installation with no need to open the fixture - EN 61547 compliant surge protection - anti-condensation valve - silicone rubber gasket - external screws and bolts in stainless steel

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0 Ethr
Markings and tests	CE, ENEC
Reference standards	EN60598-1. With degree of protection according to EN60529.
Energy Label	C

GEAR

Upon request	- protection of up to 10kV. Virtual midnight (subcode -30) - amber LED (subcode -73 - 2200K) - possibility of central light management or with external presence/light sensors. special version (with conformal coating treatment with subcode -38) featuring high chemical resistance for environments with high chlorine content.

WARRANTY

After sales warranty	5 yr

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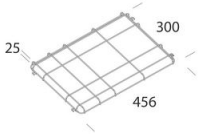
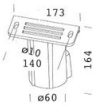
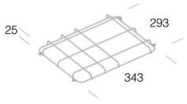
334 Connection for diam. 76 pole



350 Protection grid - Rodio 36LED



333 Connection for diam. 60 pole



350 Protection grid - Rodio 12-24LED