1889 - Rodio PADEL - HE

Code: 414793-00

A truly comprehensive range of luminaires that can meet the multiple needs of outdoor lighting. From street lighting to architectural enhancement, from sports facilities to residential areas, Rodio is now available with special optics designed for the lighting of padel courts.
This luminaire by Disano stands out for its very high light quality with colour temperatures of 4000K and excellent colour rendering.
These outstanding technical features are complemented by long-lasting and carefully selected materials, and design details that ensure maximum versatility and easy usage.

GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	568 mm
Width (mm)	333 mm
Height (mm)	90 mm
Weight (Kg)	7.7 kg

INSTALLATION

Surface exposed to wind (mm)	L 45500 mm², F 152900 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

Please contact the Consulting and Design Centre for any technical information. The reported luminous flux is the flux emitted by the light source with a tolerance of ± 10% compared to the indicated value. The total wattage absorbed by the system will not exceed 10% of the reported value. Technical lighting data may be subject to changes and improvements due to the fast evolution of the technology. Tuesday, June 2, 2026

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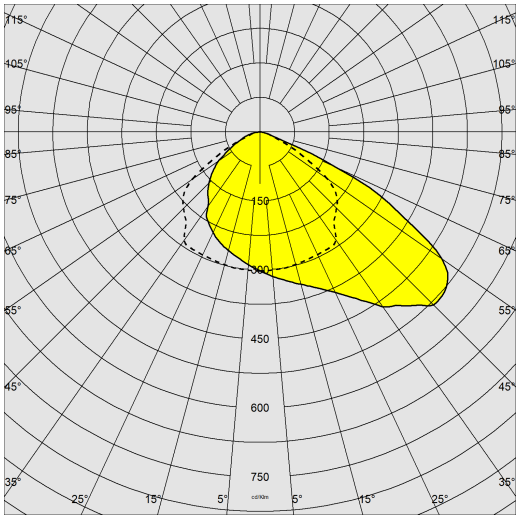

PHOTOMETRIC DATA

Lighting source	LED
CRI	80
Luminous flux (output) (lm)	21775 lm
Power absorption (total) (W)	136 W
CCT	4000 K
Luminous efficacy (lm/W)	160 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Colour consistency	SDCM4
LED flux maintenance	100000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK09
IP	66
Ambient temperature - min	-40 °C
Ambient temperature - max	50 °C

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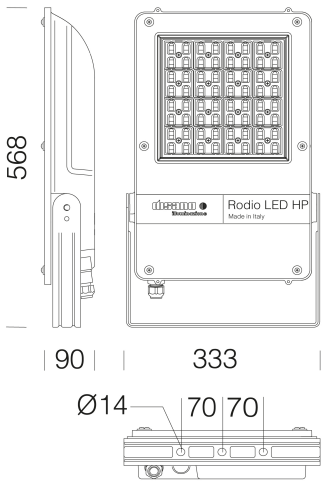

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DESIGNS

TechnicalDrawing 1889j.dxf

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	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.
Special coating (UPON REQUEST)	- Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea. - Upon request: 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
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Energy Label	D

WARRANTY

After sales warranty	5 yr

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