

2889 - Saturno ø370 - narrow beam

Code: 330874-00



Saturno LED by Disano Illuminazione: the lamp designed for environmentally and work friendly lighting.

- Disano's range of lighting fixtures for warehouses and manufacturing facilities is extended with new products.
- Saturno LED is the right alternative solution to achieve the best performance, without wasting energy, in spaces where maximum power is not needed.
- Built with the best materials and made to last in time, these fixtures are designed to ensure increased light control.

An increasingly energy-efficient manufacturing process is making sustainability the most important challenge for companies that aim at maximum competitiveness. The use of new lighting technologies in manufacturing facilities allows achieving three fundamental goals: to save energy while ensuring economic and environmental benefits, to improve safety and comfort in workplaces and to increase productivity. The new LED lighting fixtures cut energy consumption by half and offer superior light quality, in line with the market demands. Manufacturing facilities are changing, dedicating increasingly greater space to automation and precision processes. LED sources ensure high colour rendering, which results in better viewing and positive effects on the workers' health and wellbeing. Disano's range of spotlights was designed to allow the best use of new sources and technologies for a more efficient management of the lighting system in industrial settings. The possibility to choose the product with the most suitable technical features allows for the optimisation of the economic investment, reaching increasingly higher levels of performance.



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	370 mm
Width (mm)	370 mm
Height (mm)	307 mm
Diameter (Ø) (mm)	370 mm
Weight (Kg)	8.865 kg

INSTALLATION

Surface exposed to wind (mm)	L 39400 mm², F 122500 mm²
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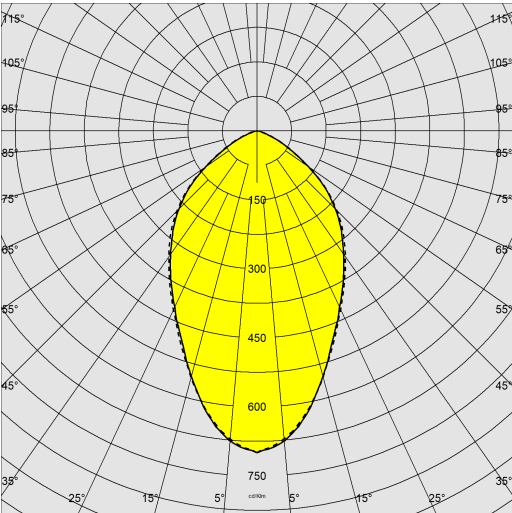
ELECTRICAL CHARACTERISTICS AND CONTROLS

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	≥0.95
Surge protector (common) (EN 61547)	6 kV, 8 kV
Insulation class	Class II
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED
CRI	80
Luminous flux (output) (lm)	19664 lm
Power absorption (total) (W)	151 W
CCT	4000 K
Luminous efficacy (lm/W)	130 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	80000 hr, L 80, B 10

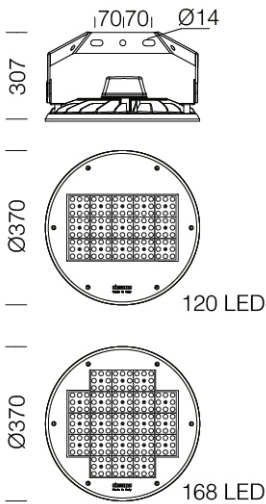
MECHANICAL CHARACTERISTICS

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

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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions 2889-2890 09-22.pdf

DESIGNS

TechnicalDrawing 2889i.dxf



Housing	in die-cast aluminium with cooling fins integrated in the cover. Box in black nylon for versions Ø370mm up to 151W max.
Optics	in high-performance PMMA resistant to high temperatures and UV rays.
Diffuser	tempered glass, 4 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)	upon request: available with coating tested to withstand corrosion tests in aggressive artificial atmospheres (UNI EN ISO 9227) or marine environments (sea front).
Colour	Anthracite
Equipment	<ul style="list-style-type: none"><li>- galvanised and painted bracket</li><li>- waterproof connector for quick installation with no need to open the fixture</li><li>- temperature controller with auto-reset</li><li>- EN 61547 compliant surge protection.</li><li>- anti-condensation valve</li><li>- goniometric scale</li></ul>

STANDARDS AND COMPLIANCE

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

GEAR

Upon request	<ul style="list-style-type: none"><li>- protection of up to 10KV.</li><li>- possibility of central light management or with external presence/light sensors.</li><li>- surface coating for marine environments compliant with UNI EN ISO 9227.</li><li>- CLD D-D (DALI) subcode -0041.</li></ul>
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WARRANTY

After sales warranty	5 yr
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