

1576 - Square - direct-indirect light FS

Code: 420646-00



Today, lighting is asked to do more than ever. To effectively illuminate a room, in addition to providing the necessary amount of light, proper attention must also be paid to aesthetics, luminaire design and light distribution. Without forgetting sustainable energy consumption. Square is the new LED luminaire designed to always provide the best lighting quality, with maximum reliability in every context, whether outdoor or indoor.

In the wall-mounted version, with direct and indirect light, Square ensures maximum functionality and aesthetics with very low consumption, in different versions to achieve the best light distribution. The sturdiness of the materials, with a die-cast aluminum housing and tempered glass diffuser resistant to thermal shock and impact, also makes this product ideal for outdoor use.

It's easy installation, without the need to open the fixture, makes Square LED particularly suited to illuminate a facade with class and elegance.

The Square range also includes a spotlight version, with lens or fully adjustable square optics to achieve the desired lighting scenario.

Luminaires are equipped with LEDs that ensure a very long lifespan, low consumption and high light quality.



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	126 mm
Width (mm)	98 mm
Height (mm)	190 mm
Weight (Kg)	2.2 kg

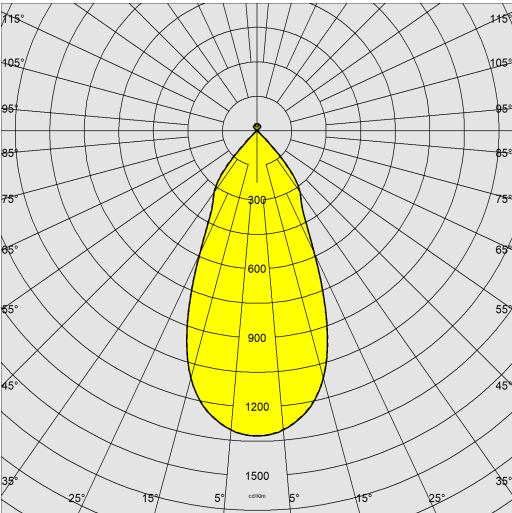
ELECTRICAL CHARACTERISTICS AND CONTROLS

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	≥0.92
Insulation class	Class I
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED COB
CRI	80
Luminous flux (output) (lm)	1791 lm
Power absorption (total) (W)	14 W
CCT	4000 K
Luminous efficacy (lm/W)	128 lm/W
LED flux maintenance	50000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66



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MATERIALS AND COLOURS

Housing	in die-cast aluminium.
Optics	in high-performance metallised polycarbonate.
Diffuser	extra-clear, tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI-EN 12150-1:2001).
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.
Colour	White
Equipment	- with wall mounting plate. - complete with waterproof connector for line connection.
Luminous flux maintenance 70%: 100.000h (L70B50) o luminous flux maintenance 90%: 50.000h (L90B10).	

EMERGENCY LIGHTING

Emergency power supply type	Not present
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STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Energy Label	D

GEAR

Sensors	
Upon request	1/10 DIMM or DALI versions.

WARRANTY

After sales warranty	3 yr
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DOWNLOAD

MOUNTS

AssemblyInstructions square 09-22.pdf

DESIGNS

TechnicalDrawing 1576.dxf

TechnicalDrawing3D disano 1576 square.3ds



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. Friday, July 10, 2026