

3216 - Lucerna R6 LED

Code: 327210-00

GENERAL INFORMATION



In the history of design, there are classic shapes that are hard to give up. The typical lamp posts with the glass lantern is the familiar image of our cities, imprinted in our memories, and part of our everyday life. The opportunity to renew urban lighting with new technologies, to have a better light quality while saving energy, can go hand in hand with the timeless charm of the old street lamps.

Lucerna is not a simple reinterpretation of the classic street post, but a new design that reintroduces a traditional form with renovated details. The lantern is available in two versions, with either a square or circular cross-section, combined with newly styled poles, also with distinctive details such as floral motifs at the base or at the junction with the lighting fixture.



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DIMENSIONS AND WEIGHT

Height (mm)	909 mm
Diameter (Ø) (mm)	480 mm
Weight (Kg)	8.9 kg

INSTALLATION

Surface exposed to wind (mm)	L 137800 mm ² , F 137800 mm ²
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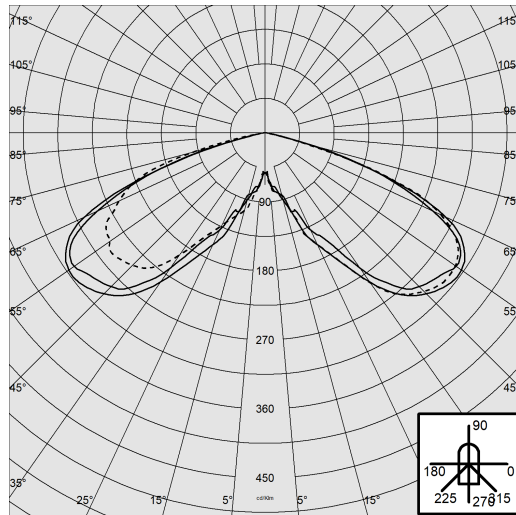
ELECTRICAL CHARACTERISTICS AND CONTROLS

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	≥0.9
Rated Current	350 mA
Surge protector (common) (EN 61547)	6 kV, 10 kV
Insulation class	Class II
Controllability	None

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PHOTOMETRIC DATA



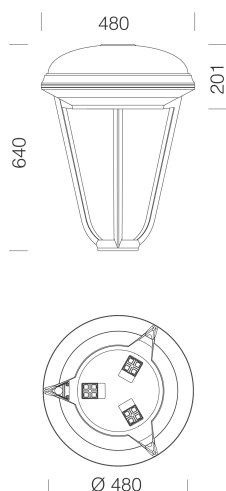
Lighting source	LED
CRI	>70
Luminous flux (output) (lm)	3390 lm
Power absorption (total) (W)	27 W
CCT	4000 K
Luminous efficacy (lm/W)	126 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	100000 hr, L 80, B 10

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-30 °C
Ambient temperature - max	40 °C

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MOUNTS

[AssemblyInstructions lucerna 09-22.pdf](#)

DESIGNS

[TechnicalDrawing 3216nh.dxf](#)

[TechnicalDrawing3D disano 3216 lucerna.3ds](#)



MATERIALS AND COLOURS

Housing	in die-cast aluminium.
Optics	in high-performance PMMA resistant 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.
Pole connection	Non predisposto.
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	Anthracite
Equipment	<ul style="list-style-type: none"> - selector switch. - anti-condensation valve. - temperature controller with auto-reset. - EN 61547 compliant surge protection. - ADVANCED PROG built-in functions.

STANDARDS AND COMPLIANCE

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

WARRANTY

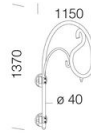
After sales warranty	5 yr
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329 Suspension



507 Liberty arm



518 Connection with chain



519 Connector with support rods