

1786 - Aura - roto-symmetric

Code: 423270-39

GENERAL INFORMATION



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DIMENSIONS AND WEIGHT

Height (mm)	248 mm
Diameter (Ø) (mm)	730 mm
Weight (Kg)	8.5 kg

INSTALLATION

Surface exposed to wind (mm)	L 40000 mm ² , F 280000 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	≥0.92
Surge protector (common) (EN 61547)	10 kV, 10 kV
Insulation class	Class II
Controllability	None



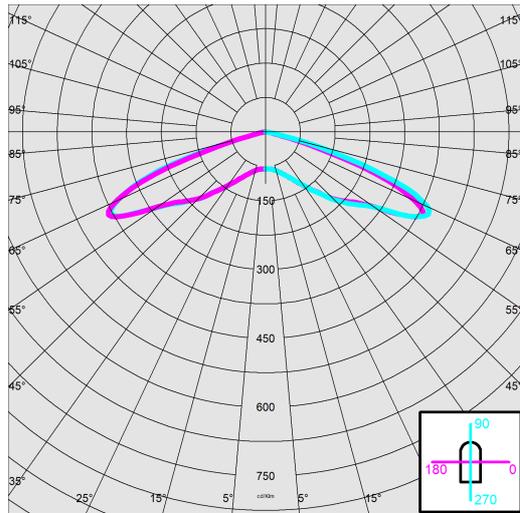
The great expectations raised by the use of high-efficiency LED bulbs in urban lighting applications are stimulating the creation of luminaires designed specifically to fit these new lights. Aura makes it immediately obvious how these sources allow the design of completely new types of lamps, with a very different appearance from traditional streetlights. Elegance in the city often lies in simplicity. In an urban landscape which is increasingly crowded with confusing stimuli and signals, there is a need for simple, recognisable forms.



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PHOTOMETRIC DATA



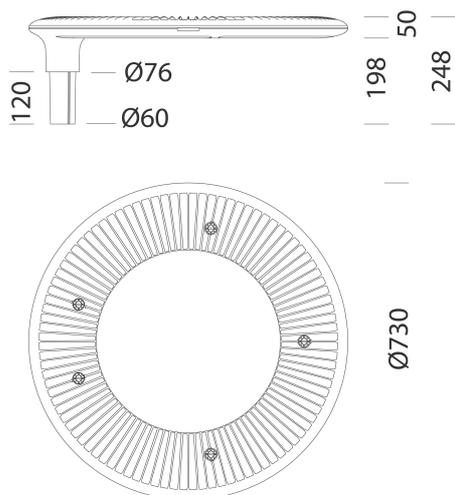
Distribution type	Roto-symmetric wide beam - 360°
Lighting source	LED
CRI	70
Luminous flux (output) (lm)	6768 lm
Power absorption (total) (W)	56 W
CCT	3000 K
Luminous efficacy (lm/W)	121 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	100000 hr, L 80, B 10

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	65
Ambient temperature - min	-20 °C
Ambient temperature - max	40 °C

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DOWNLOAD

MOUNTS

[AssemblyInstructions 1786 aura 02 11 10.dxf](#)

[AssemblyInstructions acc.532 doppio.dxf](#)

[AssemblyInstructions istr acc 513.dxf](#)

[AssemblyInstructions aura 03-23.pdf](#)

DESIGNS

[TechnicalDrawing aura21.dxf](#)



MATERIALS AND COLOURS

Housing	in die-cast aluminium.
Optics	in high-performance PMMA resistant to high temperatures and UV rays.
Diffuser	in polycarbonate, transparent, anti-glare, shatterproof and V2 self-extinguishing, UV stabilised.
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	suited for poles with a diameter of 60 mm.
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	Grey9007
Equipment	<ul style="list-style-type: none"> - waterproof connector for quick installation with no need to open the fixture. - anti-condensation valve. - temperature controller with auto-reset. - EN 61547 compliant surge protection. - class II wire plate to be inserted into the pole or the bracket

STANDARDS AND COMPLIANCE

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

WARRANTY

After sales warranty	5 yr
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513 Curved arm for Aura



532 Double arm