

# 1781 - Aura - cycle-pedestrian lane

Code: 423280-00

## 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 <sup>2</sup> , F 280000 mm <sup>2</sup>
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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)	4 kV, 6 kV
Insulation class	Class II
Controllability	None



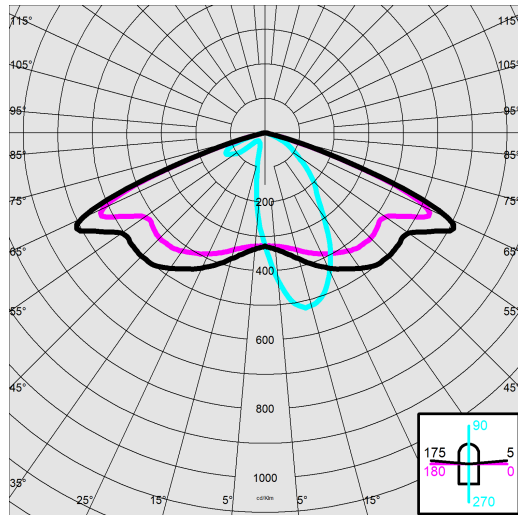
The great expectations raised by the use of high-efficiency LED bulbs in urban lighting applications are stimulating the creation of luminaires designed specifically to fit these new lights. Aura makes it immediately obvious how these sources allow the design of completely new types of lamps, with a 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	Asymmetric
Lighting source	LED
CRI	70
Luminous flux (output) (lm)	2905 lm
Power absorption (total) (W)	21 W
CCT	4000 K
Luminous efficacy (lm/W)	138 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

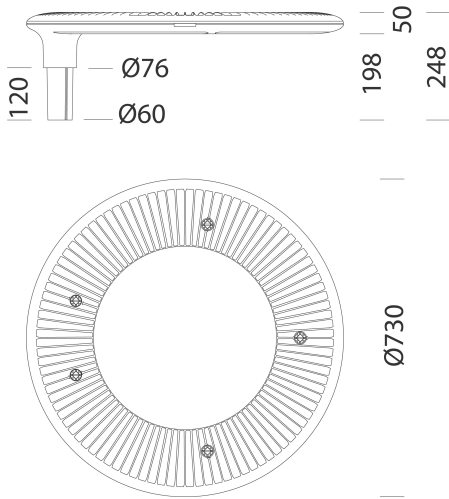
### MECHANICAL CHARACTERISTICS

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

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## MATERIALS AND COLOURS



[DOWNLOAD](#)

### MOUNTS

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

[AssemblyInstructions acc 513.pdf](#)

[AssemblyInstructions acc 532.pdf](#)

### DESIGNS

[TechnicalDrawing aura21.dxf](#)



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	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	Grey
Equipment	<ul style="list-style-type: none"> <li>- waterproof connector for quick installation with no need to open the fixture.</li> <li>- anti-condensation valve.</li> <li>- temperature controller with auto-reset.</li> <li>- EN 61547 compliant surge protection.</li> <li>- class II wire plate to be inserted into the pole or the bracket</li> </ul>

## EMERGENCY LIGHTING

Emergency power supply type	Not present
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## 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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