

INDOOR LIGHTING FIXTURE

ASTRELA LED



	EN IEC 60598	RoHS	IP40	IK02		-20°C÷....+45°C	WARRANTY 5 years	MAX 75W LED
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General specifications

Product name	ASTRELA LED
Application area	Indoor lighting fixture available in various sizes, suitable for surface-mounted or suspended installation. It provides efficient and uniform illumination, integrating easily into different types of indoor spaces. Ideal for offices, commercial areas, hallways, corridors, classrooms, waiting areas, or residential environments, in locations without high humidity.
Advantages	– High-quality light for a comfortable ambiance – Low energy consumption – Low maintenance costs – Easy installation
Light source	LED
Color temperature	4000
Color rendering index (CRI)	≥80
Type of light distribution	Symmetrical
Degree of protection against dust/water ingress	IP40
Degree of protection against mechanical impacts	IK02
Operating temperature range	-20°C...+45°C
Warranty	5 years

Electrical characteristics

Rated voltage	230 Vac
Surge protection	2 kV
Frequency (Hz)	50-60 Hz
Power factor	≥0,95
LED lifetime	100.000 hours

Technical characteristics

Construction structure	
Body	Die-cast aluminum, powder-coated (electrostatically painted)
Color	RAL 7016 (anthracite gray)
Diffuser	Polycarbonate (PC) opal
Variants upon request	• Can be equipped another LEDs with color temperature in the range 3000–6500 K • Body painted in other colors from the RAL palette • Dali driver • Emergency lighting kit 1/3H

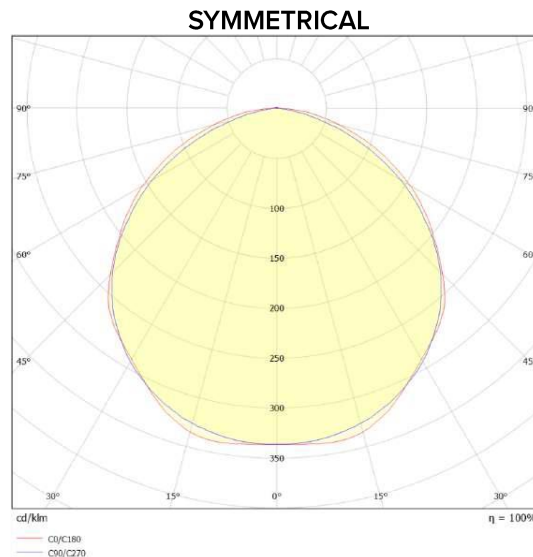
Mounting

- Suspended or surface mounted

Standards and certifications

Standards	EN IEC 60598-1 EN IEC 60598-2-1
In compliance with European Directives	
– Electromagnetic Compatibility Directive	
– Low Voltage Directive	
– RoHS Directive, WEEE Directive	

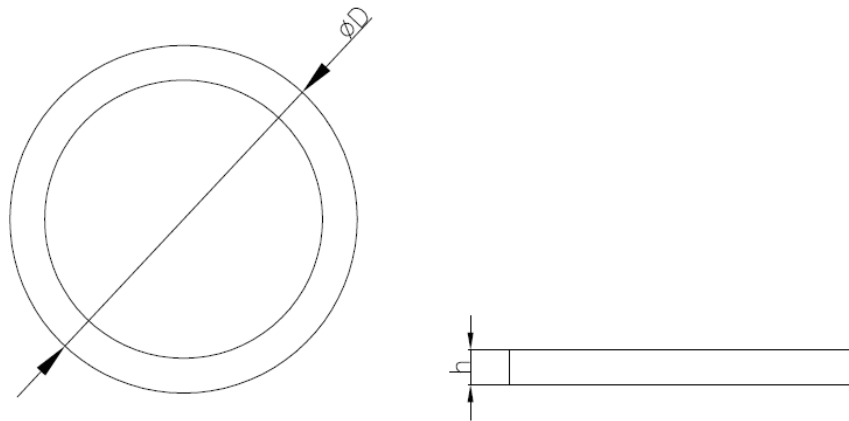
Photometric data



Light intensity distribution curve [Cd/1000 lm]

Dimensional characteristics

ASTRELA LED



Product type	D [mm]	h [mm]
ASTRELA 01 LED	Ø600	100
ASTRELA 02 LED	Ø900	100
ASTRELA 03 LED	Ø1200	100

Annex-product codes

Product type	Product code	Nominal voltage [V]	Active power [W]	Protection degree	Degree of protection against electric shock	IK	Weight [Kg]	Total net flux [lm]	Net luminous efficacy [lm/W]
ASTRELA 01 LED 45W 4950LM D600 840	23491208	230	45	IP40	I	IK02	3	4950	110
ASTRELA 02 LED 65W 7150LM D900 840	23491209	230	65	IP40	I	IK02	4	7150	110
ASTRELA 03 LED 75W 8250LM D1200 840	23491210	230	75	IP40	I	IK02	6	8250	110

840=4000K, CRI≥80;
D600, D900, D1200 = product diameter size.

The values are approximate and may be subject to change.
The tolerance of the initial flux and initial active power is ±10% of the specified value. These values are measured at an ambient temperature of 25°C unless another temperature is specified.
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