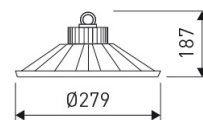


**Dimensions**

Product dimensions (mm)	ø279 x 187
Net weight (g)	4000
Gross weight (Kg)	4,7

Scheme**Scheme****Product**

Real power (W)	100
Real luminous flux (Lm)	12536
Luminous efficiency (Lm/W)	125,3
Beam angle (°)	60
Life time (h)	50000
IP	65
IK	08
Electrical class insulation	Class 1
Operating temperature	from -20°C to 40°C
Electrical feeding	220..240V, 50/60Hz
Colour	Grey
Energy efficiency class	A+

Control gear

Control gear included	Yes
Control gear	1-10V Dimmable Electronic Control Gear
Factor de potencia	0,99

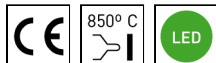
Light source

Light source included	Yes
Light source	Led
Nominal power (W)	90
Nominal luminous flux (Lm)	13000
Average life time (h)	50000
Colour temperature (K)	5000
Colour consistency (SDCM)	3
CRI	80

Photometry**Industrial highbay luminaire from the TROLL family Astrea.****DESCRIPTION**

Industrial highbay luminaire from the TROLL family Astrea setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 5000° K (cold white) optimised to be used as general lighting of warehouses, supermarkets, exhibition pavilions and other indoor industrial areas. Designed for Ceiling suspended installation. Body built in die-cast aluminium and polycarbonate finished in grey. Luminaire is IP65. Luminaire built-in an independent lens system for each led with an angle beam of 60°. Luminaire sets a 100 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 12536 Lm, with an efficiency of 125,3 Lm/W and a total consumption of 100 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear Dimmable 1-10V fed at 220-240V; 50/60 Hz.

Item code	11.1607.4851.21
Product type	IN
Category	Industrial
Family	Highbays
Subfamily	Astrea
Materials	Body built in die-cast aluminium and polycarbonate.
Optical system	Luminaire built-in a independent lens system for each led.
Installation instructions	Luminaire designed for Ceiling suspended installation.
Pictograms	



Photometry

