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**Dimensions**


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

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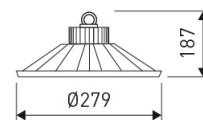


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**Scheme**


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Scheme




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**Product**


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Real power (W)	100
Real luminous flux (Lm)	12670
Luminous efficiency (Lm/W)	126,7
Beam angle (°)	120
Life time (h)	50000
IP	65
IK	06
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+

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**Control gear**


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

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**Light source**


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Light source included	Yes
Light source	Led
Nominal power (W)	90
Nominal luminous flux (Lm)	12000
Average life time (h)	50000
Colour temperature (K)	5000
Colour consistency (SDCM)	3
CRI	80

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**Photometry**


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

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


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**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 120°. 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 12670 Lm, with an efficiency of 126,7 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	11.1607.4853.21
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

