

Industrial highbay luminaire from the TROLL family Aries.

DESCRIPTION

Industrial highbay luminaire from the TROLL family Aries setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000° K (neutral white) optimised to be used as general lighting of warehouses, supermarkets, exhibition pavilions and other indoor industrial areas. It has been designed for Ceiling suspended installation. Body built in die-cast aluminium and polycarbonate finished in black. Luminaire is IP65. Luminaire built-in an independent lens system for each led with an angle beam of 110°. Luminaire sets a 90 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 6 SMCD. Fixture has a luminous flux of 9527 Lm, with an efficiency of 95,5 Lm/W and a total consumption of 100 W. The average life for the luminaire is 35000 h (established at a minimum flux of 70 % from the original). Luminaire built-in DOB technology and it is fed at 220-240V; 50/60 Hz.

Item code	11.1820.1841.04
Product type	IN
Category	Industrial
Family	Highbays
Subfamily	Aries
Materials	Body built in die-cast aluminium and polycarbonate finished in black.
Optical system	Luminaire built-in an independent lens system for each led with an angle beam of 110°.
Installation instructions	Aries has been designed for Ceiling suspended installation.

Pictograms

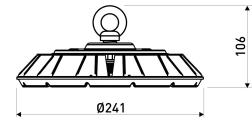


Dimensions

Product dimensions (mm)	ø241 x 106
Packing dimensions (mm)	375 x 285 x 275
Net weight (g)	1180
Gross weight (Kg)	1,5

Scheme

Scheme



Product

Real power (W)	100
Real luminous flux (Lm)	9527
Luminous efficiency (Lm/W)	95,3
Beam angle (°)	110
Life time (h)	35000
IP	65
IK	06
Electrical class insulation	Class 1
Operating temperature	from -20°C to 40°C
Electrical feeding	220..240V, 50/60Hz
Colour	Black
Energy efficiency class	A+

Control gear

Control gear included	Yes
Control gear	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)	10500
Colour temperature (K)	4000
Colour consistency (SDCM)	6
CRI	80

Photometry

Photometry

