Technical datasheet

INDSUR3-M-850-1-90



Product description

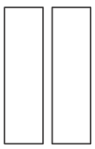
High-bay led light created with an emphasis on efficiency and easy installation.
Suitable for installation in warehouses and production halls.

LED 220-240V 50-60Hz IP65 CCT 5000 k CRI 80+ CLO MidNight Multi-Step Dimming

Product technical data

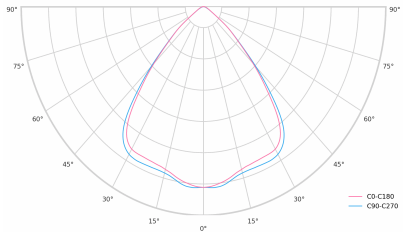
Mains voltage	220 - 240V AC, 50/60Hz	Ripple	3 %
Connection method	Connection cable	Inrush current	89 A
Dimming type	Non-dimmable	Inrush time	584 µs
IP rating	65	Optical system	Lenses
Protection class	I	Optical part material	PC
Impact rating	IK 08	Housing material	Aluminium
Ambient temperature	-25 to 30 °C	Surface finish	Powder coated
Light source	LED	Width	192.00 cm
Colour temperature	5000k	Height	100.00 cm
Color rendering index	80	Length	320.00 cm
Rated luminous flux	16,926 lm	Weight	4.50 kg
Connected load	102.70 W	Service lifetime (L80 B10)	>100 000 h
Luminous efficacy	164.8 lm/W	Warranty	7 years

Dimensions



l 320 mm
w 192 mm
h 100 mm

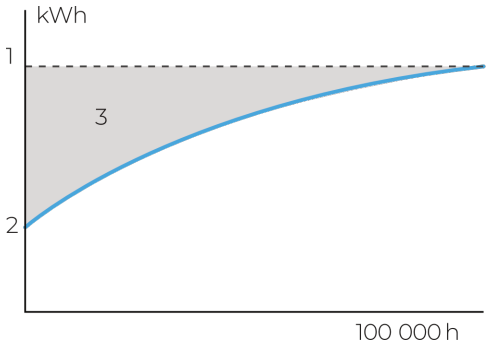
Light distribution



Constant Light Output (CLO)

This system compensates for the depreciation of luminousflux to avoid excess lightingat the beginningof the installation's service life. Luminous depreciation over time must be taken into account to ensure a predefined lightinglevel duringthe luminaire's usefullife.

Without a CLO feature, this simply means increasingthe initial power upon installationin order tomake up for luminous depreciation. By precisely controlling the luminous flux,the energy needed to reach the required level can be maintained throughout the luminaire's life.



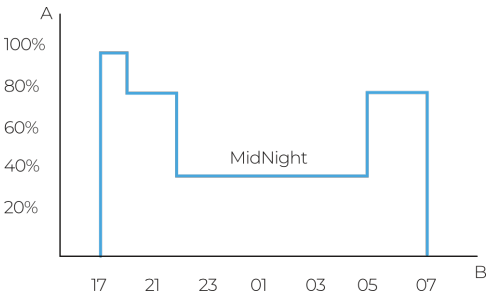
A. Dimming level
B. Time

MidNight function

The MidNight function feature allows an autonomous dimming without the need for an additional control line. The output levels can be set to 0% (OFF) or between 10% and 100% in steps of 1%

Time-based: The dimming profile defined in the reference schedule is referenced to the switchon time of the LED driver.

Astro-based: The dimming profile defined in the reference schedule is referenced to the annual average middle of the night, which is calculated based on the theoretical sunrise and sunset times.



1. Standard lighting level
2. LED lighting consumption with CLO
3. Energy savings