

Technical datasheet

INDSUR3-M-840-1-HR



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**  **CE** **CCT 4000 k** **CRI 80+** **CLO** 

Product technical data

Mains voltage 220 - 240V AC, 50/60Hz

Connection method Connection cable

Dimming type Non-dimmable

IP rating 65

Protection class I

Impact rating IK 08

Ambient temperature -25 to 30 °C

Light source LED

Colour temperature 4000k

Color rendering index 80

Rated luminous flux 16,926 lm

Connected load 102.70 W

Luminous efficacy 164.8 lm/W

Ripple 3 %

Inrush current 89 A

Inrush time 584 μs

Optical system Lenses

Optical part material PC

Housing material Aluminium

Surface finish Powder coated

Width 192.00 cm

Height 100.00 cm

Length 320.00 cm

Weight 4.50 kg

Service lifetime (L80 B10) >100 000 h

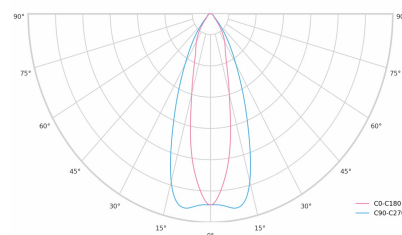
Warranty 7 years

Dimensions



l 320 mm
 w 192 mm
 h 100 mm

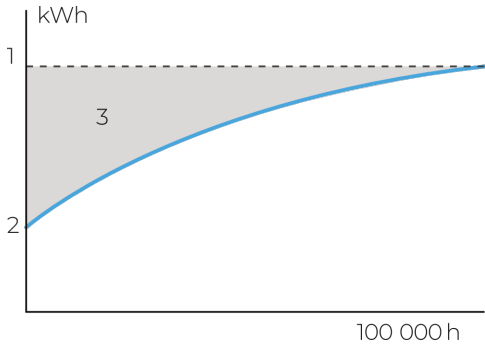
Light distribution



Constant Light Output (CLO)

This system compensates for the depreciation of luminous flux to avoid excess lighting at the beginning of the installation's service life. Luminous depreciation over time must be taken into account to ensure a predefined lighting level during the luminaire's useful life.

Without a CLO feature, this simply means increasing the initial power upon installation in order to make 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.



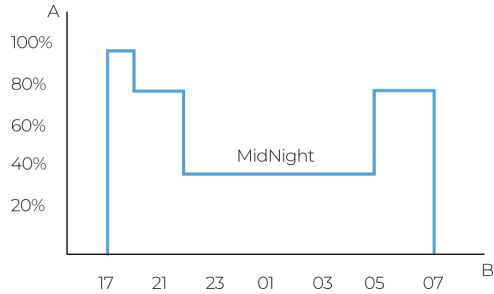
A. Dimming level
B. Time

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 switch-on 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