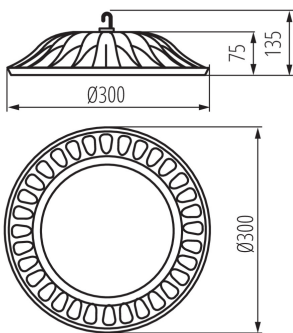


31112 HIBO LED N 100W-NW

High-bay LED light fitting

8595665311124



HIBO LED is a "High Bay" luminaire using a LED module with SMD diodes. The luminaire has a high rating of tightness IP65, thanks to which it can be mounted in places of high dustiness and exposed to water. It is an industrial luminaire suitable for lighting of storehouses, production halls and large commercial spaces.

TYPE OF LIGHT SOURCE:

Lighting technology used: LED

Non-directional or directional light source: DLS

Mains or non-mains light source: MLS

Connected light source (CLS): no

Colour-tunable light source: no

High luminance light source: no

Anti-glare shield: no

Dimmable: no

PRODUCT PARAMETERS:

Colour: black

Place of assembly: ceiling mounted

Place of application: for industrial applications

Minimum distance from the illuminated object: 1m

Compatible with a dimmer: no

Fixture lighting direction: down

Height [mm]: 135

Depth [mm]: 100

Diameter [mm]: 300

Mercury content: no

Integrated LED light source: yes

Rated voltage [V]: 220-240 AC

Rated frequency [Hz]: 50

Maximum power [W]: 100

Class of protection against electric shock: I

Diode type: LED SMD

Luminous flux [lm]: 10000

Colour temperature: white

Service life [h]: 25000

Number of on/off cycles: ≥ 20000

Lighting angle [°]: 120

Ambient temperature range to which the product can be exposed: $-20 \div 40$

Enclosure material: aluminum alloy

Protective glass material: glass

Connection type: Free cable ends

Wire type: H05RN-F

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Wire length [m]: 0.45
Wire diameter [mm²]: 1
Lamp-heating time [s]: ≤1
Lamp-ignition time [s]: ≤0,5
IP class: 65

PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:

Peak luminous intensity [cd]: 4075
Beam angle [°]: 120

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

Energy consumption in on-mode of the light source (kWh/1000h): 150
Energy efficiency class: F
Useful luminous flux of the light source Φ_{use} [lm]: 8200
Useful luminous flux of the light source Φ_{use} [lm]: in wide cone (120°)
Correlated colour temperature [K]: 4000
Colour consistency in McAdam ellipses: ≤6
On-mode power of the light source P_{on} [W]: 150
Colour rendering index: 80
Chromaticity coordinates (x): 0.38
Chromaticity coordinates (y): 0.38
R9 colour rendering index value: 7
Survival factor: ≥0.9
The lumen maintenance factor: 0.96

PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES:

Displacement factor (cos φ_1): 0.9
LED light source replaces a fluorescent light source without integrated ballast of a particular wattage: Not applicable
Flicker metric (Pst LM): ≤1,0
Stroboscopic effect metric (SVM): ≤0,4

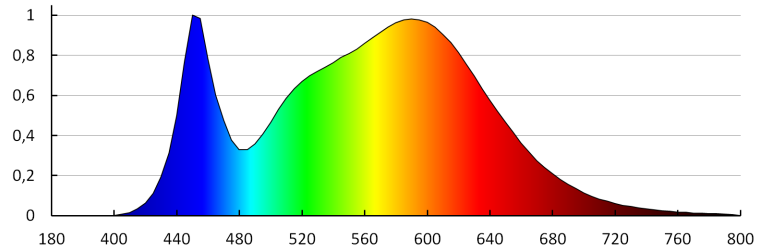
LOGISTIC DATA:

Packaging method: 1
Number of units in the secondary packaging: 1
Number of units in the packaging: 1
Net unit weight [g]: 1850
Grammage [g]: 2120
Length of a unit pack [cm]: 31.5
Width of a unit pack [cm]: 31.5
Height of a unit pack [cm]: 10.5
Weight of a cardboard box [kg]: 2.12
Width of a cardboard box [cm]: 31.5
Height of a cardboard box [cm]: 10.5
Length of a cardboard box [cm]: 31.5

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Volume of a cardboard box [m³]: 0.010419



MILEDO (kat 31112) HIBO LED N 100W-NW / LDC (Polar)

Luminaire: MILEDO (kat 31112) HIBO LED N 100W-NW
Lamps: 1 x HIBO LED 100W-NW

