

PRODUCT DATASHEET

HIGH BAY LED PRO 200 W 6500 K 70 °

LEDVANCE HIGH BAY LED | LED high-bay luminaires



Areas of application

- Industrial and storage facilities
- Production and assembly facilities
- Shopping malls
- Supermarkets
- Loading docks, access areas
- Aircraft hangers
- Train stations
- Airports, stations

Product benefits

- Equipment for suspended and pole mounting included
- Unique heat sink design with air channels to increase system reliability
- Low maintenance and operation costs due to long lifetime of LED
- Single piece lens, color stable and shape-retaining even at high temperatures
- High efficiency and reliability

Product features

- Three versions with different luminous flux available
- Luminaire efficacy: up to 100 lm/W
- Color rendering index R_a : ≥ 80
- Beam angle: 90°×90° or 70°×70°



- Impact resistance: IK08
- Power factor: > 0.95
- Type of protection: IP65
- Lifetime up to 50,000 h
- Robust die-cast aluminum housing

TECHNICAL DATA

Electrical data

Nominal wattage	200.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Power factor λ	0.95
Protection class	I

Photometrical data

Luminous flux	20000 lm
Luminous efficacy	100 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	80
Standard deviation of color matching	≤5 sdcn
Beam angle	70 °

Dimensions & Weight

Diameter	380.00 mm
Height	152.00 mm
Product weight	6077.00 g

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Mercury content	0.0 mg

Application & Mounting

Type of connection	Cable/Connector
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor

Replaceable light source	No
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Lifespan


Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Number of switching cycles	50000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Replaceable light source (EPREL)	Not replaceable
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DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	HighBay LED PRO UI

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075003958	Shipping box 1	335 mm x 335 mm x 215 mm	6993.00 g	24.13 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.