

PRODUCT DATASHEET

LED Performance HighBay 1-10V 200 W/6500 K

LED PERFORMANCE HIGHBAY 1-10V | High-bay luminaires



Areas of application

- Industrial and commercial halls
- Warehouses
- Public areas (stations, stadiums)
- Airports

Product benefits

- Pre-wired with 500 mm flying cable
- Low maintenance costs thanks to long lifetime

Product features

- Die-casting aluminum offer a heavy-duty housing and high efficacy heat-dissipation
- High system efficiency up to 140 lm/W
- Available with wattage: 90 W, 120 W, 150 W, 200 W
- Available with color temperature: 4,000 K, 6,500 K
- Color rendering index R_a : > 80
- Power factor: > 0.9
- 1-10V dimming driver
- Type of protection: IP65
- Impact resistance: IK08
- Certificate: CB

TECHNICAL DATA

Electrical data

Nominal wattage	200.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I

Photometrical data

Luminous flux	28000 lm
Luminous efficacy	140 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Standard deviation of color matching	< 5 sdcm

Dimensions & Weight

Diameter	321.00 mm
Height	120.80 mm
Product weight	2650.00 g
Cable length	500 mm

LDPFM HB 1-10V 200W 277V

Materials & Colors

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

Application & Mounting

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...+70 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08

Dimmable	Yes
Type of dimming	1-10V
Mounting location	Ceiling
Application environment	Indoor
Replaceable light source	No

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

Standards	CB / EMC / RoHS
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDPFM HB 1-10V 200W 865

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075420656	Shipping box 1	377 mm x 377 mm x 162 mm	3157.00 g	23.02 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.