

PRODUCT DATASHEET

LED Performance HighBay 120 W 6500 K GEN2

LED PERFORMANCE HIGHBAY | LED high-bay luminaires



Areas of application

- Industrial and storage facilities
- Production and assembly facilities
- Warehouses
- Loading docks
- Train stations
- Aircraft hangers
- Shopping malls
- Supermarkets

Product benefits

- 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

- Luminous efficacy: up to 140 lm/W
- 1...10 V dimming control
- Available with color temperature: 4,000 K, 6,500 K
- Color rendering index R_a : > 80
- UV-stabilized polycarbonate (PC) housing, PC-diffuser
- Type of protection, plug: IP65
- Black powder-coated, robust die-cast aluminum housing



- Pre-wired with mains cable
- Lifetime up to 50,000 h
- Certificate: CB

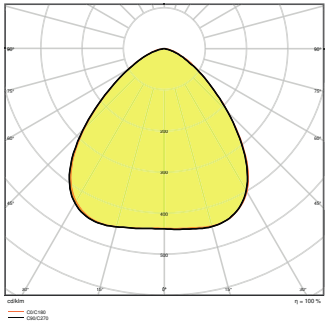
TECHNICAL DATA

Electrical data

Nominal wattage	120.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	540.000 mA
Power factor λ	> 0.90
Protection class	I

Photometrical data

Luminous flux	16200 lm
Luminous efficacy	135 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	≥80
Standard deviation of color matching	< 5 sdcm
Beam angle	90 °



LED PFM HighBay 120 W GEN2

Dimensions & Weight

Diameter	285.00 mm
Height	129.50 mm
Product weight	2970.00 g
Cable length	500 mm

LDPFM highbay FP 90W/120W

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	No
Mounting location	Ceiling
Application environment	Outdoor

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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Accessories Optional

Product image	Product name	EAN
	LED Performance HighBay bracket kit 90/120/150 W	4058075265141

EQUIPMENT / ACCESSORIES

– Clips for optional surface mounting available

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDPFM HB FP 120W
	LDT file (Eulumdat)	LED PFM HighBay 120 W GEN2
	Light distribution curve type polar	LED PFM HighBay 120 W GEN2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075215818	Shipping box 1	335 mm x 335 mm x 185 mm	3513.00 g	20.76 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.