PRODUCT DATASHEET
LED PERFORMANCE HIGHBAY 150W 865

LED PERFORMANCE HIGHBAY | High-bay luminaires



Areas of application

- Industry
- Commercial lighting
- Warehouses
- Public areas (stations, stadiums)
- Airports

Product benefits

- Energy savings thanks to system efficacy 160 lm/W
- UV resistant PC lens offer a durable service
- Low maintenance costs thanks to long lifetime

Product features

- Available with different wattage: 100 W, 150 W, 200 W
- Input voltage: 100 - 277V AC
- Standard CCT: 6500 K and 4000 K
- Color rendering index R_a: ≥ 80
- Power factor: ≥ 0.9
- Luminous efficacy: up to 160 lm/W
- Lifetime (L70/B50): 100,000 h (at 25 °C)
- Type of protection: IP66
- Impact resistance: IK08
- Pre-wired with 500mm cable
- Die-cast aluminum housing
- Safety compliance certificates: CB, EMC, RoHS 2.0

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TECHNICAL DATA

Electrical data

Nominal wattage	150.00 W
Nominal voltage	100…277 V
Mains frequency	50…60 Hz
Max. number of luminaires per miniature circuit breaker B16	6
Max. number of luminaires per miniature circuit breaker C16	9
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	I

Photometrical data

Luminous flux	24000 lm
Luminous efficacy	160 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcm
Photobiological safety group acc. to EN62778	RG1

Dimensions & Weight

Diameter	298.00 mm
Height	119.00 mm
Product weight	2200.00 g



Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum

Application & Mounting

Ambient temperature range	-30…+50 °C
Type of protection	IP66

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Protection class IK (shock resistance)	IK08
Dimmable	No
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	100000 h [1)]

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 / SASO
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

DOWNLOAD DATA

	Photometric and lighting design files
	IES file (IES)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075726000	Shipping box 1	346 mm x 346 mm x 164 mm	3000.00 g	19.63 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.

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