

PRODUCT DATASHEET

HB 200 W 4000 K 110DEG IP65 BK

HIGH BAY GEN 2 | High-bay luminaires up to 135 lm/W



PERFOR-
MANCE
CLASS

Areas of application

- Replacement for high bay luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industry
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)

Product benefits

- High luminous efficacy
- Energy savings of up to 60 % compared to conventional high bay luminaires
- 5 years guarantee
- Optimized weight and size due to compact design

Product features

- Luminous efficacy: up to 135 lm/W
- Type of protection: IP65
- Available with beam angle: 70°, 90°, 110°



TECHNICAL DATA

Electrical data

Nominal wattage	200.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	900 mA
Inrush current	70 A
Inrush current time T_{h50}	150 μ s
Max. number of luminaires per miniature circuit breaker B16	13
Max. number of luminaires per miniature circuit breaker C10	9
Max. number of luminaires per miniature circuit breaker C16	14
Power factor λ	≥ 0.95
Total harmonic distortion	< 10 %
Protection class	I
Operating mode	Integrated LED driver

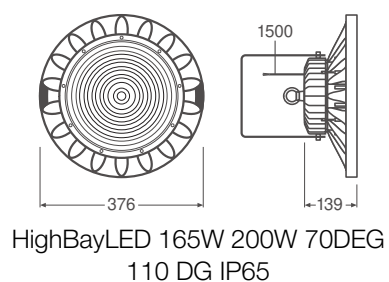
Photometrical data

Luminous flux	27000 lm
Luminous efficacy	135 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

4058075074385 HighBayLED 200W 4000K 110DEG IP65



Diameter	376.00 mm
Height	139.00 mm
Product weight	4365.00 g
Cable length	1500 mm



Materials & Colors

Product color	Black
Housing color	Black

Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
Adjustable	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	35000 h ¹⁾
Lifespan L80/B50 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	20000 h
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)

Control gear

Output current	810 mA
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Certificates & Standards

Standards	CE / CB / TÜV SÜD / RoHS
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

– Mounting hook and brackets included

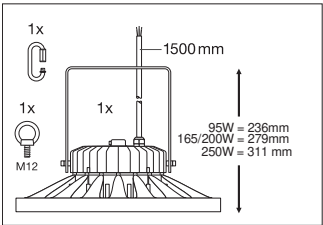
Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	User Instruction HighBay LED
	On-Pack-Info	Legal Insert HIGH BAY LED
	Declarations of conformity	EC declaration for HighBayLED 200W/4000K 110DEG IP65
	Declarations of conformity	Attestation-of-Conformity HighBay LED TÜV
Photometric and lighting design files		Document name
	IES file (IES)	HighBayLED 200W 4000K 110DEG IP65
	LDT file (Eulumdat)	HighBayLED 200W 4000K 110DEG IP65
	ULD file (DIALux)	HIGHBAYGen2200W4000K110DEGIP65BK
	UGR file (UGR table)	4058075074385 HighBayLED 200W 4000K 110DEG IP65
	Light distribution curve type cone	4058075074385 HighBayLED 200W 4000K 110DEG IP65
	Light distribution curve type polar	4058075074385 HighBayLED 200W 4000K 110DEG IP65

ADDITIONAL CATALOG INFORMATION



References / Links

- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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