

PRODUCT DATASHEET

HIGH BAY LED 200 W 4000 K BK

HIGH BAY GEN 1 | High-bay luminaires up to 110 lm/W



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

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

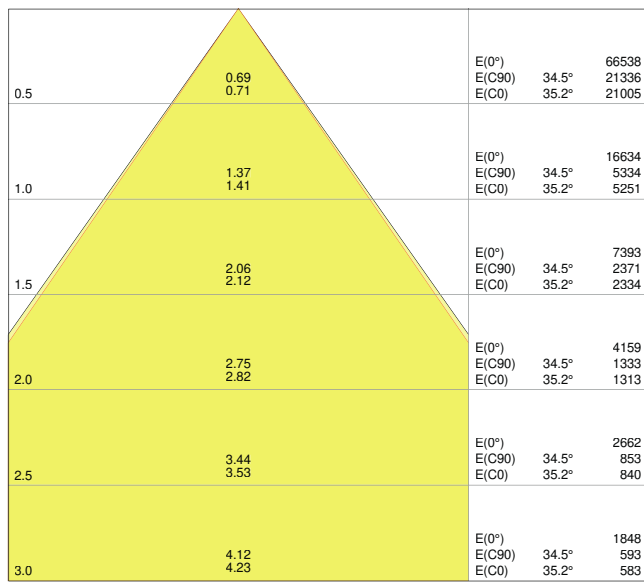


TECHNICAL DATA**Electrical data**

Nominal wattage	200.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	870 mA
Power factor λ	> 0.95
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

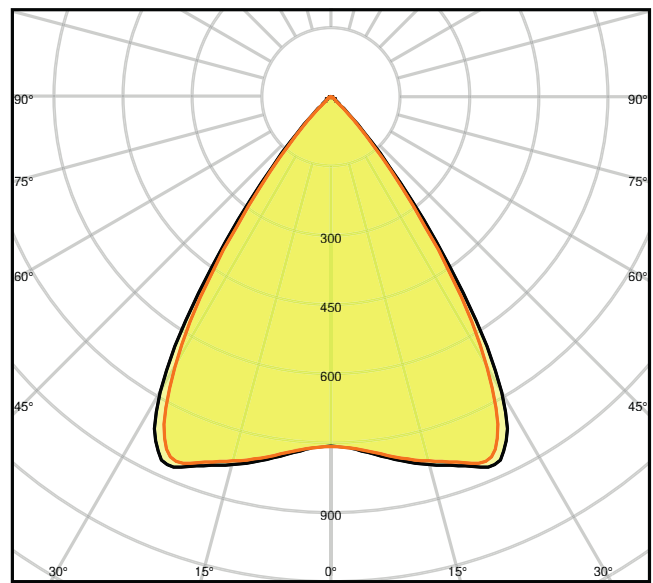
Luminous flux	22000 lm
Luminous efficacy	110 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Photobiological safety group acc. to EN62778	RG0
Beam angle	70 °



Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half beam angle [°]: 70.4°)
 — C90/C270 (Half beam angle [°]: 69.0°)

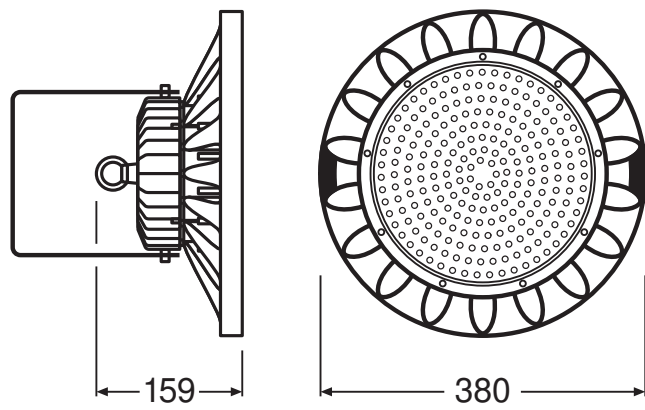
4058075001053 HighBayLED 200W 4000K 100-240V
IP65



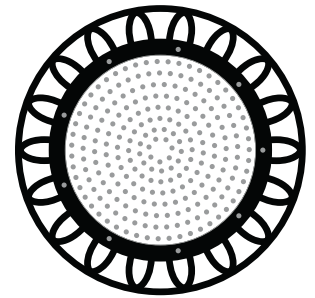
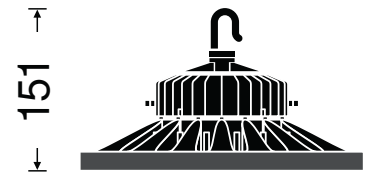
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Dimensions & Weight

Diameter	376.00 mm
Height	139.00 mm
Product weight	6000.00 g
Cable length	1500 mm



707546_LEDVANCE High Bay LED 200W



HIGHBAY 120 TECHNICAL DRAW

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Light emitting surface material	Polycarbonate (PC)
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
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
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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	30000

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	CE / CB / TÜV SÜD / EAC / RoHS
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

– Mounting hook and brackets included

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	714192_User Instruction Hight Bay LED
	On-Pack-Info	Legal Insert HIGH BAY LED
	Declarations of conformity	CE Highbay 120W, 200W 4000K

Photometric and lighting design files		Document name
	IES file (IES)	HighBayLED 200W 4000K 100-240V IP65
	UGR file (UGR table)	4058075001053 HighBayLED 200W 4000K 100-240V IP65
	Light distribution curve type cone	4058075001053 HighBayLED 200W 4000K 100-240V IP65
	Light distribution curve type polar	4058075001053 HighBayLED 200W 4000K 100-240V IP65

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.