

PRODUCT DATASHEET

HIGH BAY LED 120 W 6500 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°



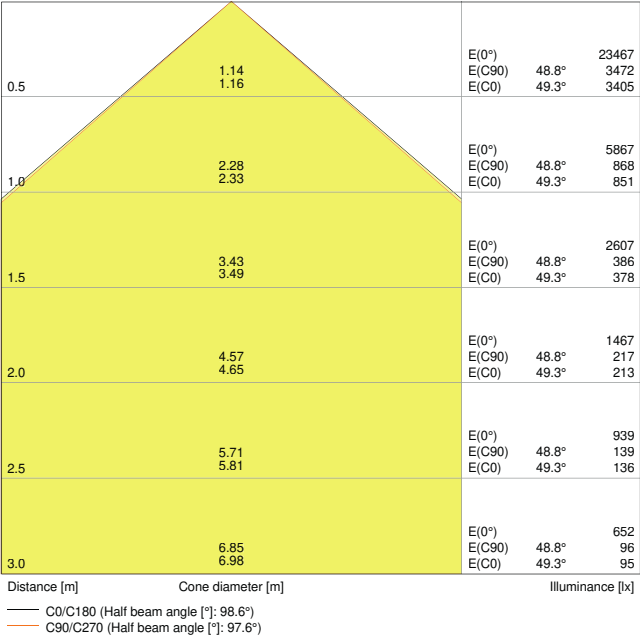
TECHNICAL DATA

Electrical data

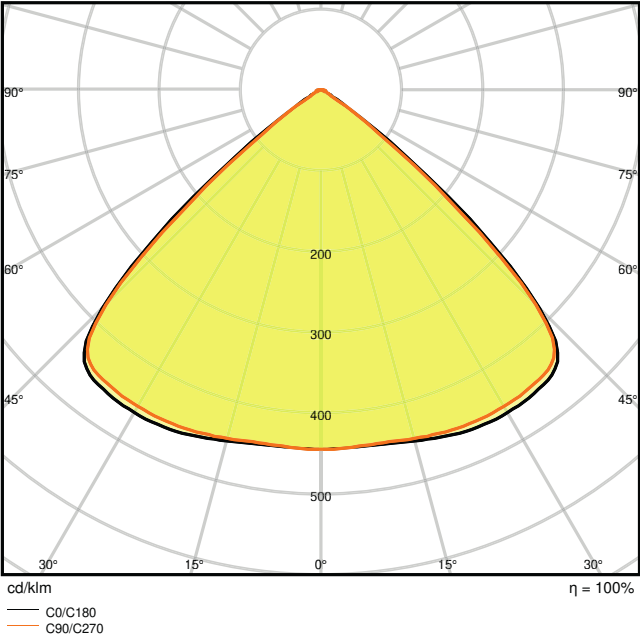
Nominal wattage	120.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	550.000 mA
Power factor λ	> 0.95
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	13200 lm
Luminous efficacy	110 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdc _m
Photobiological safety group acc. to EN62778	RG0
Beam angle	90 °
UGR	21



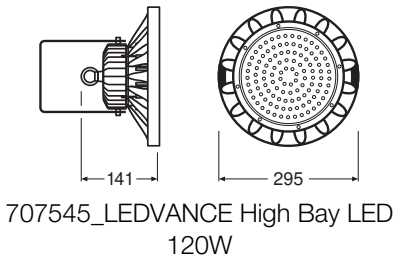
4058075811041 HighBayLED 120W 6500K 100-240V
IP65



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Dimensions & Weight

Diameter	285.00 mm
Height	129.50 mm
Product weight	4000.00 g
Cable length	1500 mm



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⁾
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	User Instruction HIGH BAY LED

Documents and certificates		Document name
	On-Pack-Info	Legal Insert HIGH BAY LED
	Declarations of conformity	CE Highbay 120W, 200W 6500K
Photometric and lighting design files		Document name
	IES file (IES)	HighBayLED 120W 6500K 100-240V IP65
	LDT file (Eulumdat)	HighBayLED 120W 6500K 100-240V IP65
	UGR file (UGR table)	4058075811041 HighBayLED 120W 6500K 100-240V IP65
	Light distribution curve type cone	4058075811041 HighBayLED 120W 6500K 100-240V IP65
	Light distribution curve type polar	4058075811041 HighBayLED 120W 6500K 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.