

PRODUCT DATASHEET

HIGH BAY LED 250 W 4000 K BK

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

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

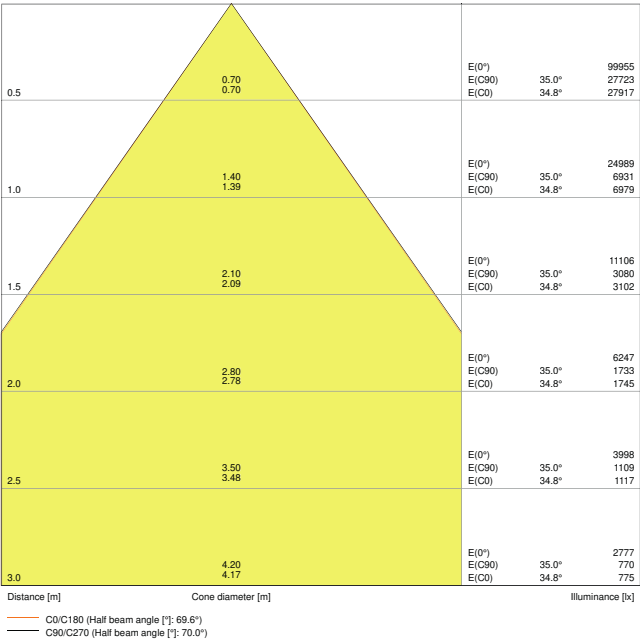


TECHNICAL DATA**Electrical data**

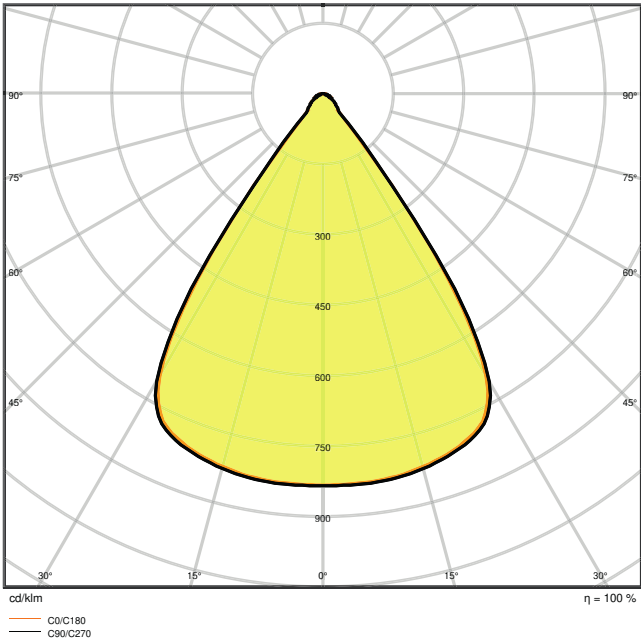
Nominal wattage	250.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	1150 mA
Inrush current	68 A
Inrush current time T_{h50}	256 μ s
Max. number of luminaires per miniature circuit breaker B16	3
Max. number of luminaires per miniature circuit breaker C10	3
Max. number of luminaires per miniature circuit breaker C16	3
Power factor λ	> 0.95
Total harmonic distortion	< 10 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	30000 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	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	70 °



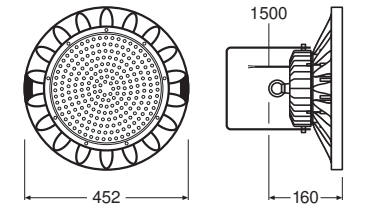
HIGH BAY LED 250W 4000K BK IP65



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Dimensions & Weight

Diameter	452.00 mm
Height	160.00 mm
Product weight	7650.00 g
Cable length	1500 mm



LEDVANCE High Bay LED 250W

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum

Cover material	Polycarbonate (PC)
Light emitting surface 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
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	15000

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	4650 mA
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Certificates & Standards

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

DOWNLOAD DATA

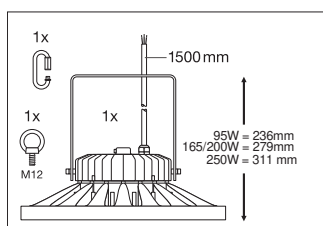
Documents and certificates		Document name
	User instruction / safety instructions	HIGHBAY LED
	Declarations of conformity	HIGH BAY LED 250W BK
Photometric and lighting design files		Document name
	IES file (IES)	HighBayLED 250W 4000K 100-240V IP65
	LDT file (Eulumdat)	HIGH BAY LED 250W 4000K BK IP65
	UGR file (UGR table)	HIGH BAY LED 250W 4000K BK IP65
	Light distribution curve type cone	HIGH BAY LED 250W 4000K BK IP65
	Light distribution curve type polar	HIGH BAY LED 250W 4000K BK IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075255432	Shipping box 1	487 mm x 487 mm x 235 mm	8613.00 g	55.73 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.

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.

