

# PRODUCT DATASHEET

## HIGH BAY LED 250 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°



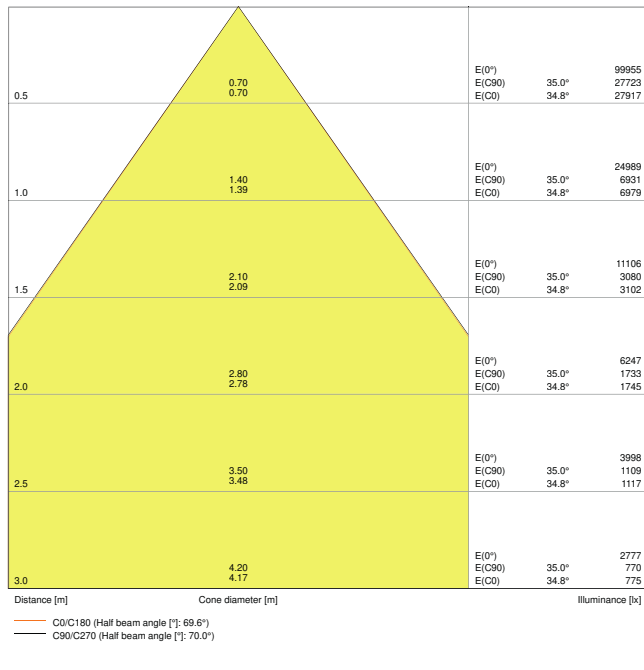
---

**TECHNICAL DATA****Electrical data**

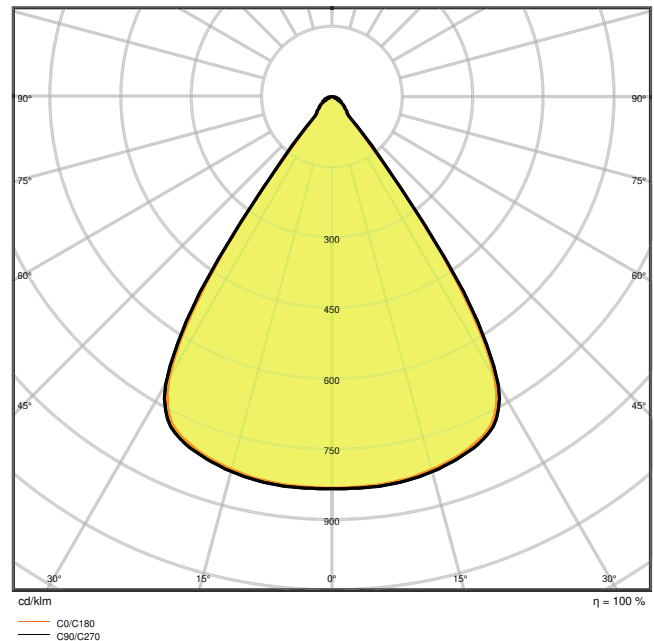
Nominal wattage	250.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	1150 mA
Inrush current	68 A
Inrush current time $T_{h50}$	256 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	3
Max. number of luminaires per miniature circuit breaker C10	3
Max. number of luminaires per miniature circuit breaker C16	3
Power factor $\lambda$	> 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	$\geq$ 80
Standard deviation of color matching	$\leq$ 5 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	70 °



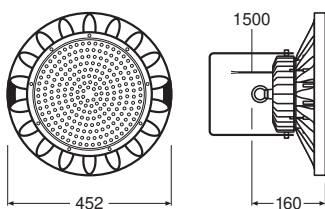
LDC typ cone



LDC typ polar

Dimensions & Weight

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



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
LED module replaceable	Not replaceable

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	35000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	15000

<sup>1)</sup> 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
----------------	---------








### Certificates & Standards

Standards	CE / CB / TÜV SÜD
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

### EQUIPMENT / ACCESSORIES

- Mounting hook and brackets included

DOWNLOAD DATA

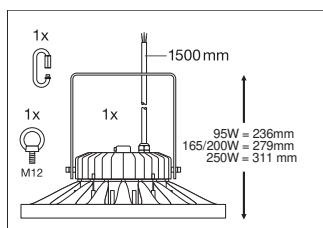
Documents and certificates	
	User instruction
	Declarations Of Conformity CE
Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

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 <sup>3</sup>

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](http://www.ledvance.com/guarantee)

DISCLAIMER

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