

# PRODUCT DATASHEET

## HB 95 W 4000 K 90DEG IP65 BK

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



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### 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)

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### 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

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### Product features

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



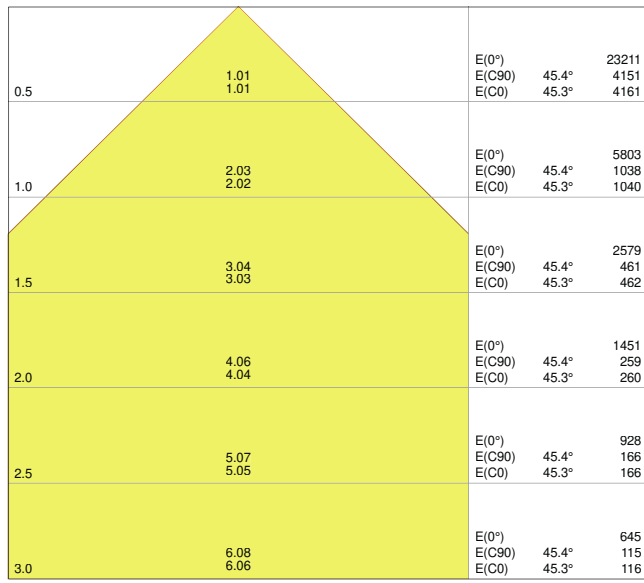
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**TECHNICAL DATA****Electrical data**

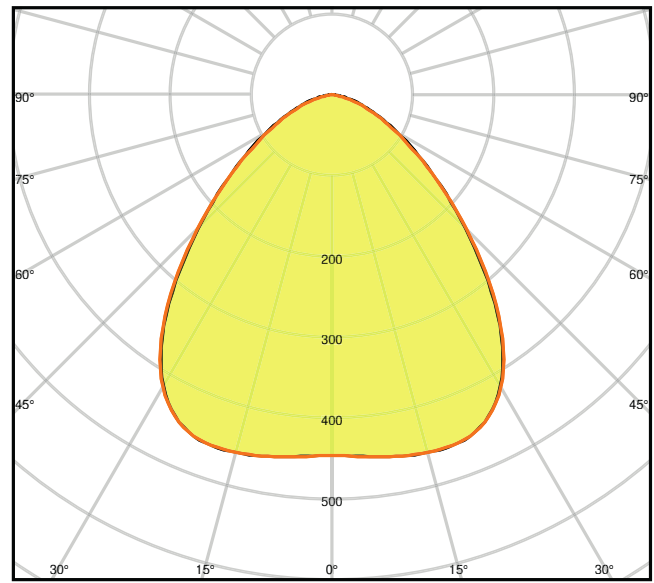
Nominal wattage	95.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	440 mA
Inrush current	56 A
Inrush current time $T_{h50}$	300 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature circuit breaker C10	8
Max. number of luminaires per miniature circuit breaker C16	13
Power factor $\lambda$	$\geq 0.95$
Total harmonic distortion	< 10 %
Protection class	I
Operating mode	Integrated LED driver

**Photometrical data**

Luminous flux	13000 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	$\leq 5$ sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	90 °



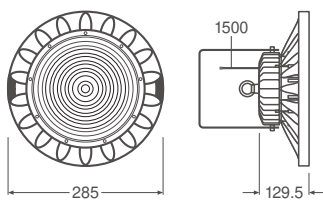
LDC typ cone



LDC typ polar

### Dimensions & Weight

Diameter	285.00 mm
Height	129.50 mm
Product weight	3135.00 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
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	50000

<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	400 mA
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### 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



On-Pack-Info



Declarations Of Conformity CE

**Photometric and lighting design files**



IES file (IES)



LDT file (Eulumdat)



ULD file (DIALux)



UGR file (UGR table)



LDC typ cone



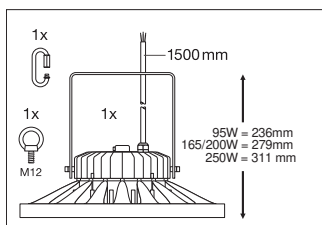
LDC typ polar

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074330	Shipping box 1	335 mm x 335 mm x 188 mm	4034.00 g	21.10 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)

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