

# PRODUCT DATASHEET

## HB 95 W 4000 K 110DEG BK IP65

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°



## TECHNICAL DATA

### Electrical data

Nominal wattage	95.00 W
Operating mode	Integrated LED driver
Nominal voltage	100...240 V
Power factor $\lambda$	$\geq 0.95$
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	7
Max. no. of lum. on circuit break. C10 A	8
Max. no. of lum. on circuit break. C16 A	13
Inrush current	56.0 A
Total harmonic distortion	< 10 %
Inrush current time $T_{h50}$	300 $\mu$ s

### Luminaire control gear data

Output current	400 mA
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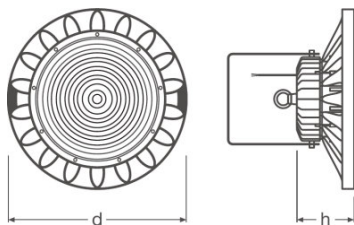
### Photometrical data

Color temperature	4000 K
Luminous efficacy	135 lm/W
Luminous flux	13000 lm
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	>80

### Light technical data

Beam angle	110 °
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### Dimensions & weight



<b>Diameter</b>	285.0 mm
<b>Height</b>	129.5 mm
<b>Product weight</b>	3135.00 g
<b>Cable length</b>	1500 mm

#### Colors & materials

<b>Body material</b>	Aluminum
<b>Product color</b>	Black
<b>Housing color</b>	Black
<b>Cover material</b>	Polycarbonate (PC)

#### Temperatures & operating conditions

<b>Ambient temperature range</b>	-30...+50 °C
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#### Lifespan

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

#### Additional product data

<b>Mounting type</b>	Suspended/Surface
<b>Mounting location</b>	Ceiling

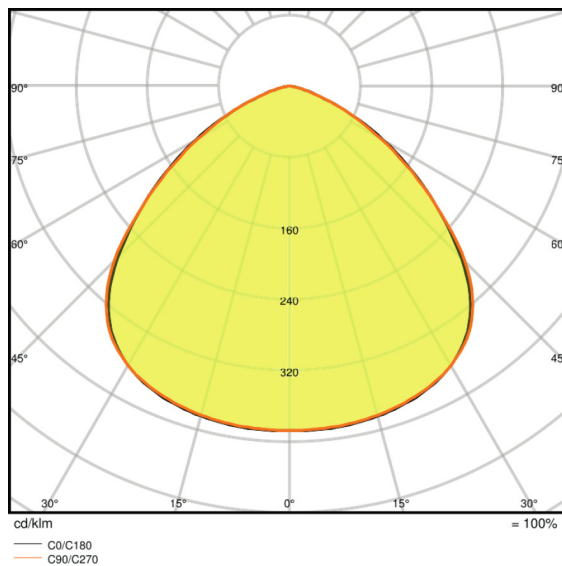
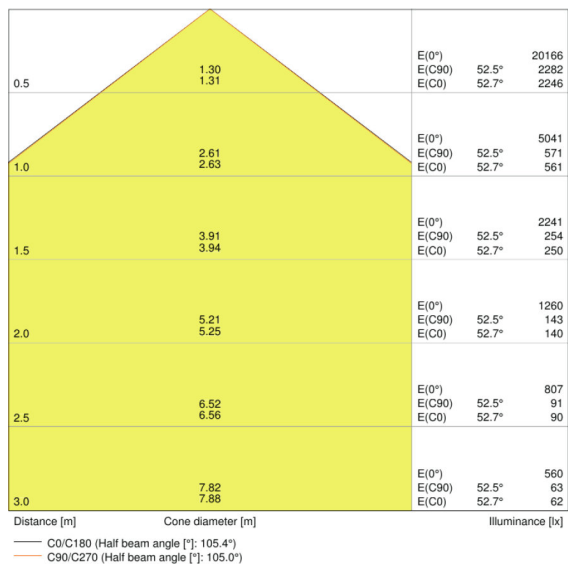
#### Capabilities

<b>Adjustable</b>	Yes
<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole
<b>Ball shot safe</b>	No
<b>LED module replaceable</b>	Not replaceable

#### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK08
<b>Glow Wire Test according to IEC 695-2-1</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG 0
<b>Photobio. safety group acc. to EN62471</b>	RG 0
<b>Protection class</b>	I
<b>Type of protection</b>	IP65
<b>Luminaire with limited surface temperature, class "D"</b>	Yes
<b>Standards</b>	CE/CB/TÜV SÜD/RoHS

### Light Distribution



LDC typ cone

LDC typ polar

### EQUIPMENT / ACCESSORIES

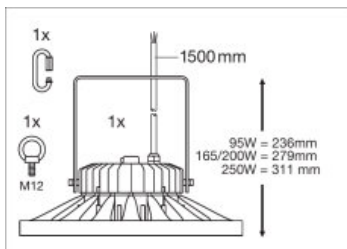
- Mounting hook and brackets included

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074354	Shipping carton box 1	335 mm x 335 mm x 188 mm	4042.00 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



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## REFERENCES / LINKS

For Guarantee see

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

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