

# PRODUCT DATASHEET

## HB 95 W 4000 K 110DEG BK IP65

Starters for single operation at 230 V AC ( ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



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

- 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
Nominal voltage	100...240 V
Operating mode	Integrated LED driver
Nominal current	440 mA
Type of current	AC
Inrush current	56 A
Mains frequency	50...60 Hz
Total harmonic distortion	< 10 %
Power factor $\lambda$	$\geq 0.95$

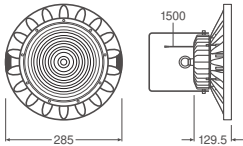
Photometrical data

Luminous flux	13000 lm
Luminous efficacy	135 lm/W
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	> 80
Light color	840
Standard deviation of color matching	$\leq 5$ sdcn

Light technical data

Beam angle	110 °
Starting time	< 0.2 s

Dimensions & Weight



Diameter	285.00 mm
Product weight	3135.00 g

## Temperatures &amp; operating conditions

Ambient temperature range	-30...+50 °C
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## Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
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)

## Additional product data

Mercury content	0.0 mg
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## Capabilities

Dimmable	No
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## Certificates &amp; Standards

Type of protection	IP65
Standards	CE / CB / TÜV SÜD / RoHS
Photobiological safety group acc. to EN62778	RG0

## Country-specific categorizations

Order reference	HIGH BAY LED 95
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## Energy labelling regulation data acc EU 2019/2015









Height	129.50 mm
Width	285.00 mm

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	User Instruction HighBay LED
	On-Pack-Info	Legal Insert HIGH BAY LED

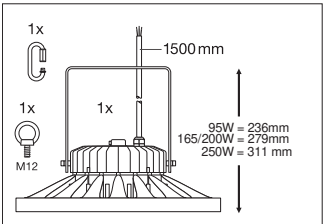
Documents and certificates		Document name
	Declarations of conformity	EC declaration HighBay
	Declarations of conformity	Attestation-of-Conformity HighBay LED TÜV
Photometric and lighting design files		Document name
	IES file (IES)	HighBayLED 95W 4000K 110DEG IP65
	LDT file (Eulumdat)	HighBayLED 95W 4000K 110DEG IP65
	ULD file (DIALux)	HIGHBAYGen295W4000K110DEGBKIP65
	UGR file (UGR table)	4058075074354 HighBayLED 95W 4000K 110DEG IP65
	Light distribution curve type cone	4058075074354 HighBayLED 95W 4000K 110DEG IP65
	Light distribution curve type polar	4058075074354 HighBayLED 95W 4000K 110DEG IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074354	Shipping box 1	335 mm x 335 mm x 188 mm	4042.00 g	21.10 dm³

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.