

# 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 $\lambda$    | $\geq 0.95$           |

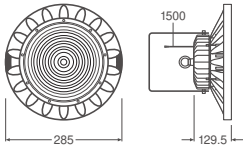
Photometrical data

|                                      |                           |
|--------------------------------------|---------------------------|
| 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 | $\leq 5$ sdc <sub>m</sub> |

Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 110 °   |
| Starting time | < 0.2 s |

Dimensions & Weight



|                |           |
|----------------|-----------|
| Diameter       | 285.00 mm |
| Product weight | 3135.00 g |

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -30...+50 °C |
|---------------------------|--------------|

### 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 |
|-----------------|--------|

### Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Certificates & 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 |
|-----------------|-----------------|

### Energy labelling regulation data acc EU 2019/2015

|        |           |
|--------|-----------|
| Height | 129.50 mm |
| Width  | 285.00 mm |











### EQUIPMENT / ACCESSORIES

- Mounting hook and brackets included

### Safety advice

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

### DOWNLOAD DATA

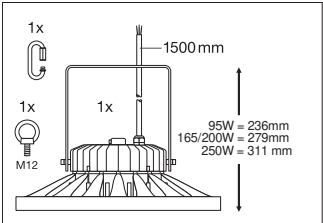
| Documents and certificates  |  | Document name                                  |
|---|--|--|
|    | User instruction / safety instructions | User Instruction HighBay LED                   |
|    | On-Pack-Info                           | Legal Insert HIGH BAY LED                      |
|    | Declarations 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<br>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)

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