

# PRODUCT DATASHEET

## HB DALI CLO 155 W 4000 K 115 DEG IP65 BK

**HIGH BAY DALI CONSTANT LUMEN OUTPUT | LED high-bay luminaires with DALI interface and constant lumen function**



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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

- Same luminous flux over the luminaire's lifetime thanks to constant lumen function
- High compatibility thanks to DALI-2 certification
- DALI 2.0 interface for dimming and sensor operations
- Low flicker light thanks to special electronic control gear
- High luminous efficacy
- Easy electrical connection due to push button connector
- Energy savings of up to 90 % compared to conventional high bay luminaires
- 5 years guarantee

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### PRODUCT FEATURES

- Pre-configured DALI driver included
- Luminous efficacy: up to 140 lm/W
- Type of protection: IP65
- Lifetime: up to 50,000 h



**TECHNICAL DATA**

## Electrical data

|  |                       |
|--|-----------------------|
| Nominal wattage                          | 125...155 W           |
| Operating mode                           | Integrated LED driver |
| Nominal voltage                          | 220...240 V           |
| Power factor $\lambda$                   | $\geq 0.90$           |
| Mains frequency                          | 0/50/60 Hz            |
| Max. no. of lum. on circuit break. B16 A | 5                     |
| Max. no. of lum. on circuit break. C10 A | 6                     |
| Max. no. of lum. on circuit break. C16 A | 10                    |
| Inrush current                           | 84.0 A                |
| Total harmonic distortion                | < 10 %                |

## Luminaire control gear data

|                             |          |
|-----------------------------|----------|
| ECG - Life time             | 100000 h |
| Low flicker                 | Yes      |
| Output current              | 690 mA   |
| ECG - Output ripple current | <10 %    |

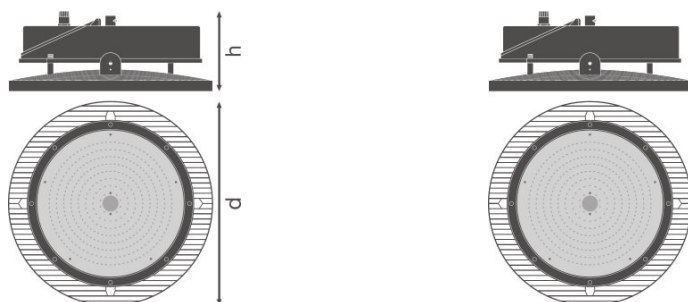
## Photometrical data

|                                      |                     |
|--------------------------------------|---------------------|
| Color temperature                    | 4000 K              |
| Luminous efficacy                    | 115...140 lm/W      |
| Luminous flux                        | 17500 lm            |
| Standard deviation of color matching | <4 sdc <sub>m</sub> |
| Light color (designation)            | Cool White          |
| Color rendering index Ra             | >80                 |

## Light technical data

|            |       |
|------------|-------|
| Beam angle | 115 ° |
|------------|-------|

### Dimensions & weight



|                       |           |
|-----------------------|-----------|
| <b>Diameter</b>       | 360.0 mm  |
| <b>Height</b>         | 131.0 mm  |
| <b>Product weight</b> | 4985.00 g |

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

### Lifespan

|                                   |       |
|-----------------------------------|-------|
| <b>Number of switching cycles</b> | 50000 |
|-----------------------------------|-------|

### Additional product data

|                          |                   |
|--------------------------|-------------------|
| <b>Mounting type</b>     | Suspended/Surface |
| <b>Mounting location</b> | Ceiling / Wall    |

### Capabilities

|                                |                            |
|--------------------------------|----------------------------|
| <b>Adjustable</b>              | Yes                        |
| <b>Dimmable</b>                | Yes                        |
| <b>Type of connection</b>      | Screwless terminal, 5-Pole |
| <b>Ball shot safe</b>          | No                         |
| <b>Constant lumen function</b> | Yes                        |
| <b>LED module replaceable</b>  | Not replaceable            |

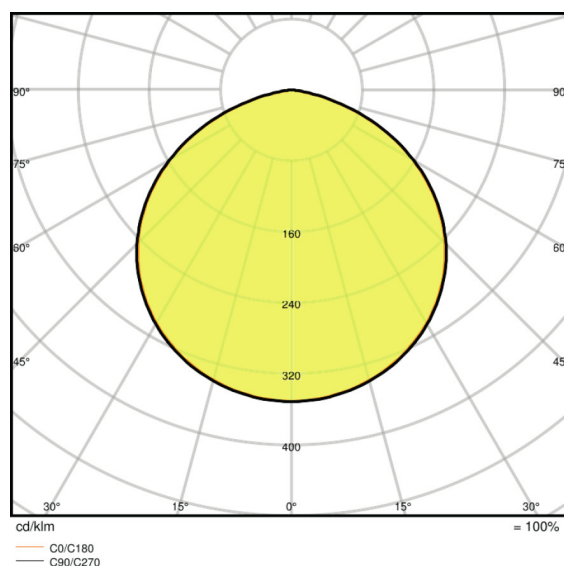
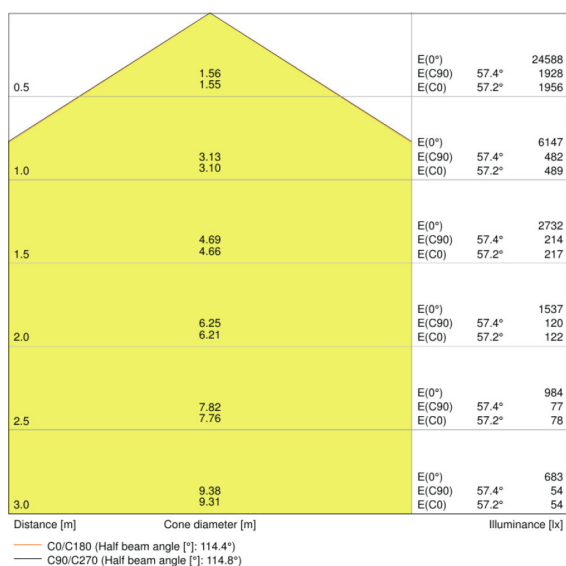
### Certificates & standards

|   |                             |
|---|-----------------------------|
| Protection class IK (shock resistance)                | IK08                        |
| Glow Wire Test according to IEC 695-2-1               | 850 °C                      |
| Photobiological safety group EN62778                  | RG 0                        |
| Photobio. safety group acc. to EN62471                | RG 0                        |
| Protection class                                      | I                           |
| Type of protection                                    | IP65                        |
| Luminaire with limited surface temperature, class "D" | Yes                         |
| Standards   | CE/CB/ENEC/TÜV SÜD/RoHS/EAC |

Logistical data

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -40...+70 °C |
|------------------------------|--------------|

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Mounting hook included
- Mounting brackets and reflectors as separate accessory available

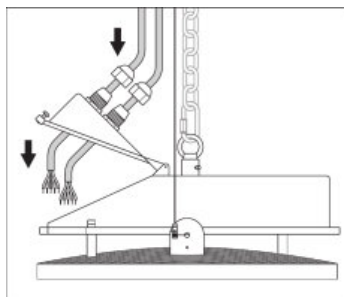
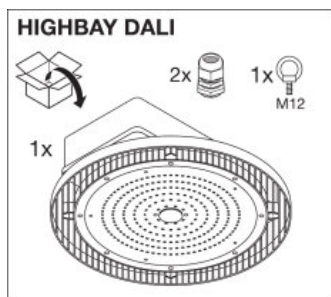
LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

|               |                          |                          |           |                       |
|---------------|--------------------------|--------------------------|-----------|-----------------------|
| 4058075130654 | Shipping carton box<br>1 | 400 mm x 400 mm x 200 mm | 6346.00 g | 32.00 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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