

PRODUCT DATASHEET

HB DALI 155 W 4000 K 115 DEG IP65 BK

HIGH BAY DALI | LED high-bay luminaires with DALI interface



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 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

Product features

- Pre-configured DALI driver included
- Luminous efficacy: up to 140 lm/W
- Type of protection: IP65



TECHNICAL DATA

Electrical data

| | |
|--|-----------------------|
| Nominal wattage | 155.00 W |
| Operating mode | Integrated LED driver |
| Nominal voltage | 220...240 V |
| Nominal current | 690 mA |
| Inrush current | 84 A |
| Power factor λ | $\geq 0,90$ |
| 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 |
| Total harmonic distortion | < 10 % |

Luminaire control gear data

| | |
|-----------------------------|--------|
| Low flicker | Yes |
| ECG - Output ripple current | < 10 % |

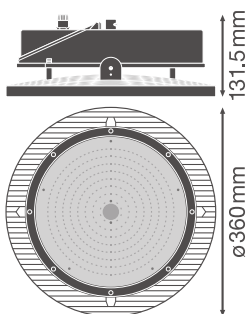
Photometrical data

| | |
|--------------------------------------|------------|
| Color temperature | 4000 K |
| Luminous flux | 22000 lm |
| Luminous efficacy | 140 lm/W |
| Light color (designation) | Cool White |
| Standard deviation of color matching | < 4 sdcn |
| Color rendering index Ra | > 80 |

Light technical data

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

Dimensions & weight



| | |
|----------------|------------|
| Diameter | 360.00 mm |
| Height | 131.00 mm |
| Product weight | 4985.000 g |

Colors & materials

| | |
|---------------------------------|--------------------|
| Body material | Aluminum |
| Product color | Black |
| Housing color | Black |
| Cover material | Polycarbonate (PC) |
| Light emitting surface material | Polystyrene |

Temperatures & operating conditions

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

Lifespan

| | |
|----------------------------|---------|
| Number of switching cycles | 50000 |
| Lifespan L70/B50 at 25 °C | 80000 h |
| Lifespan L80/B10 at 25 °C | 50000 h |
| Lifespan L90/B10 at 25 °C | 25000 h |

Additional product data

| | |
|-------------------|----------------|
| Mounting location | Ceiling / Wall |
| Low flicker | Yes |

Capabilities

| | |
|------------|-----|
| Adjustable | Yes |
| Dimmable | Yes |

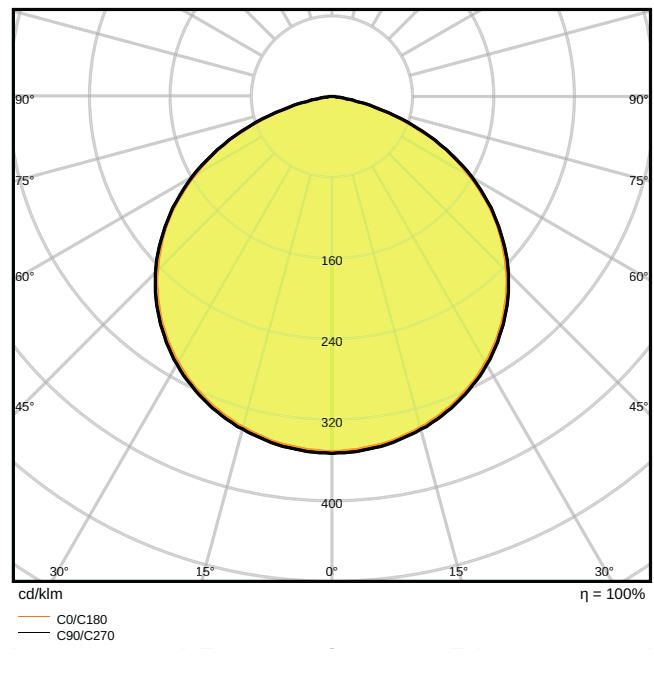
| | |
|------------------------|----------------------------|
| Type of connection | Screwless terminal, 5-Pole |
| ErP LEDmod replaceable | Not replaceable |
| Ball shot safe | No |

Certificates & standards

| | |
|---|---------------------------------------|
| Protection class IK (shock resistance) | IK08 |
| Glow Wire Test according to IEC 69 | 850 °C |
| Photobio. safety group acc. to EN62471 | RG0 |
| Protection class | I |
| Type of protection | IP65 |
| Standards | CE / CB / ENEC / TÜV SÜD / RoHS / EAC |
| Luminaire with limited surface temperature, class "D" | Yes |



LDC typ cone



LDC typ polar











LOGISTICAL DATA

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

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

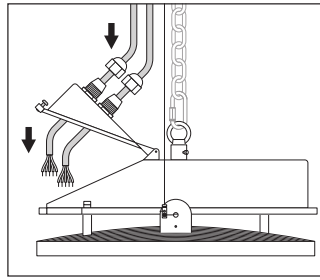
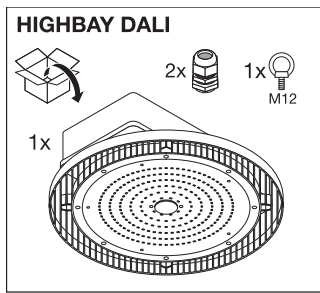
| DOWNLOAD DATA | |
|---|--|
|  | Tender documents Tender Text 4058075130678 |
|  | Certificates EAEC N RU D-DE.MYu62.B.02016 20 14.07.2020-13.07.2025 |
|  | Declarations of conformity EU Declaration of Conformity Highbay DALI LEDV |
|  | On-Pack-Info Legal Insert Highbay DALI |
|  | IES file (IES) HB DALI 155W 4000K 115DEG IP65 |
|  | LDT file (Eulumdat) HB DALI 155W 4000K 115DEG IP65 |
|  | R3D file (Relux 3D Model) High Bay Dali 155W |
|  | M3D file (3D Model) High_Bay_Dali_155W |
|  | ULD file (DIALux) HIGHBAYDALI115DEG155W4000K115DEGIP65BK |
|  | UGR file (UGR table) HB DALI 155W 4000K 120DEG IP65 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075130678 | Shipping box 1 | 400 mm x 400 mm x 200 mm | 6388.00 g | 32.00 dm ³ |

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

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.