# PRODUCT DATASHEET
# HIGH BAY LED 250 W 6500 K BK

## HIGH BAY Gen 1 | High-bay luminaires up to 110 lm/W



### AREAS OF APPLICATION

- Replacement for high bay luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industry
- Indoor and outdoor
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)

### PRODUCT BENEFITS

- High luminous efficacy
- Exclusive LEDVANCE design
- 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

- Luminaire efficacy: up to 110 lm/W
- Type of protection: IP65
- Available with beam angle: 70°, 90°, 110°




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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Nominal wattage** | 250.00 W |
| **Operating mode** | Electronic control gear (ECG) |
| **Nominal voltage** | 100...240 V |
| **Power factor λ** | >0.95 |
| **Mains frequency** | 50/60 Hz |

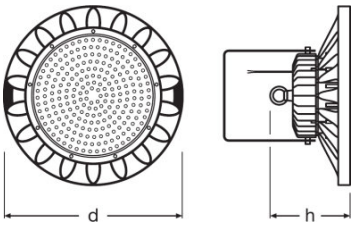
### Photometrical data

| | |
|---|---|
| **Color temperature** | 6500 K |
| **Luminous efficacy** | 120 lm/W |
| **Luminous flux** | 30000 lm |
| **Standard deviation of color matching** | ≤5 sdcm |
| **Light color (designation)** | Cool Daylight |
| **Color rendering index Ra** | ≥80 |

### Light technical data

| | |
|---|---|
| **Beam angle** | 70 ° |

### Dimensions & weight




| | |
|---|---|
| **Diameter** | 452.0 mm |
| **Height** | 160.0 mm |
| **Product weight** | 7650.00 g |
| **Cable length** | 1500 mm |

### Colors & materials

| | |
|---|---|
| **Body material** | Aluminum |
| **Housing color** | Black |
| **Product color** | Black |


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| | |
|---|---|
| **Cover material** | Polycarbonate (PC) |

## Temperatures & operating conditions

| | |
|---|---|
| **Ambient temperature range** | -30…50 °C |

## Lifespan

| | |
|---|---|
| **Lifespan L70 at 25 °C** | 50000 h |
| **Lifespan L80 at 25 °C** | 35000 h |
| **Lifespan L90 at 25 °C** | 20000 h |

## Additional product data

| | |
|---|---|
| **Mounting type** | Suspended/Surface |
| **Mounting location** | Ceiling |

## Capabilities

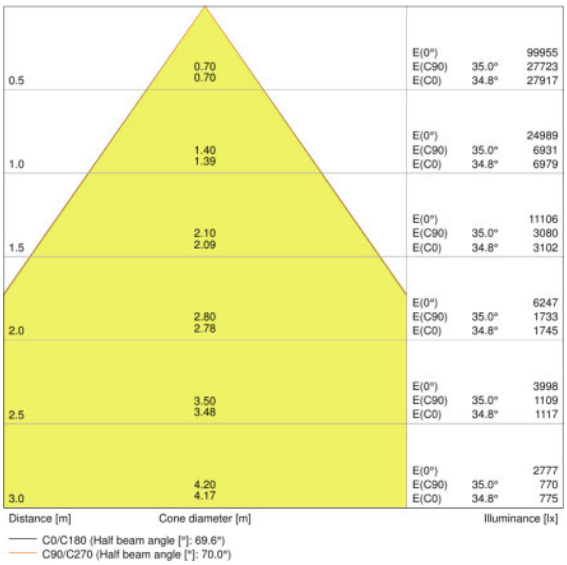
| | |
|---|---|
| **Dimmable** | No |
| **Type of connection** | Cable, 3-pole |
| **LED module replaceable** | Not replaceable |

## Certificates & standards

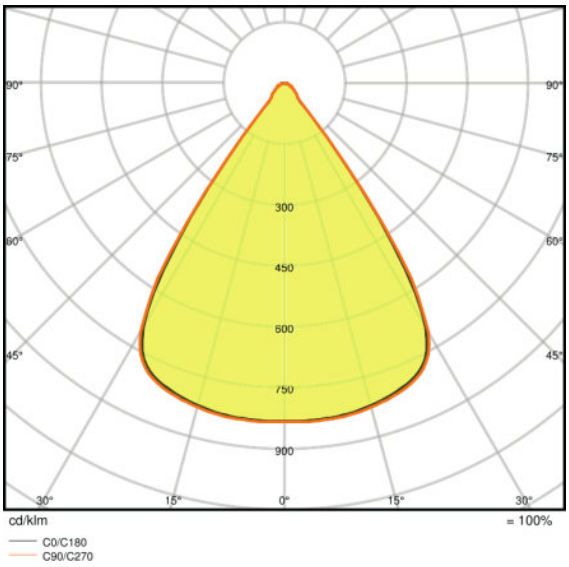
| | |
|---|---|
| **Protection class IK (shock resistance)** | IK08 |
| **Photobiological safety group** | RG 1 |
| **Protection class** | I |
| **Type of protection** | IP65 |
| **Standards** | CE/CB/TÜV SÜD/EAC/RoHS |


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## Light Distribution




LDC typ cone




LDC typ polar

## EQUIPMENT / ACCESSORIES

– Mounting hook and brackets included

## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4058075814783 | HIGH BAY LED 250 W 6500 K BK | Shipping carton box 1 | 487 mm x 487 mm x 235 mm | 55.73 $dm^3$ | 8613.00 g |

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.

## 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.


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