

# PRODUCT DATASHEET

## HIGH BAY VALUE 200 W 4000 K 100 DEG IP65 BK

HIGH BAY VALUE | High-bay luminaires up to 110 lm/W



VALUE  
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

- Modern exclusive design
- Energy savings of up to 60 % compared to conventional high bay luminaires
- 3 years guarantee
- Optimized weight and size due to compact design

### Product features

- Operating temperature: -20...50 °C
- Black aluminum housing, tempered glass cover
- Opal cover
- Type of protection: IP65
- Lifetime (L70): up to 50,000 h
- High luminous efficacy: up to 110 lm/W



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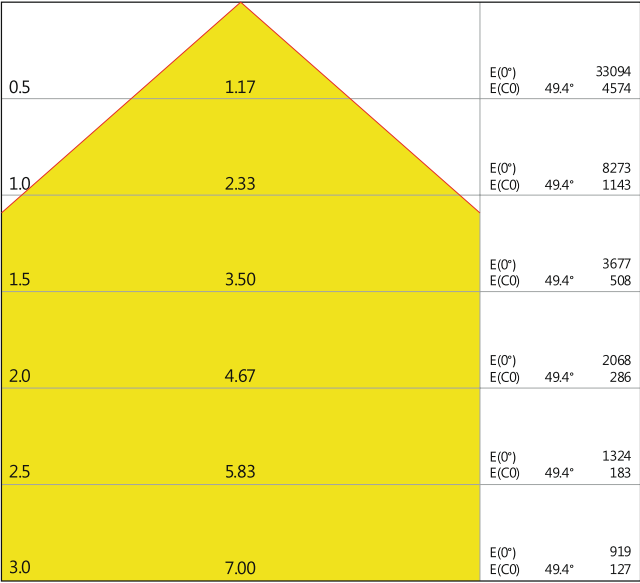
## TECHNICAL DATA

### Electrical data

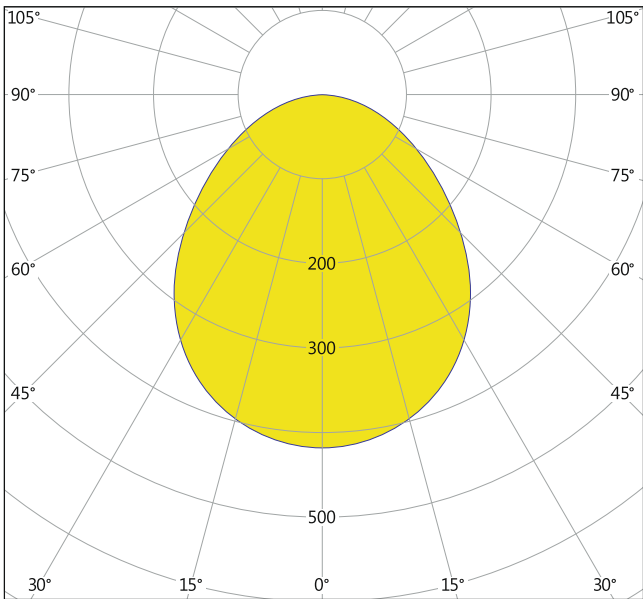
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 200.00 W      |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 910 mA        |
| Inrush current                                              | 10.3 A        |
| Inrush current time $T_{h50}$                               | 3.66 $\mu$ s  |
| Max. number of luminaires per miniature circuit breaker B16 | 14            |
| Max. number of luminaires per miniature circuit breaker C10 | 8             |
| Max. number of luminaires per miniature circuit breaker C16 | 14            |
| Power factor $\lambda$                                      | $\geq 0.90$   |
| Total harmonic distortion                                   | < 20 %        |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                              |                      |
|----------------------------------------------|----------------------|
| Luminous flux                                | 20000 lm             |
| Luminous efficacy                            | 100 lm/W             |
| Color temperature                            | 4000 K               |
| Light color (designation)                    | Cool White           |
| Color rendering index Ra                     | > 80                 |
| Standard deviation of color matching         | < 5 sdc <sub>m</sub> |
| Photobiological safety group acc. to EN62778 | RG1                  |
| Photobiological safety group acc. to EN62471 | RG1                  |
| Beam angle                                   | 100 °                |



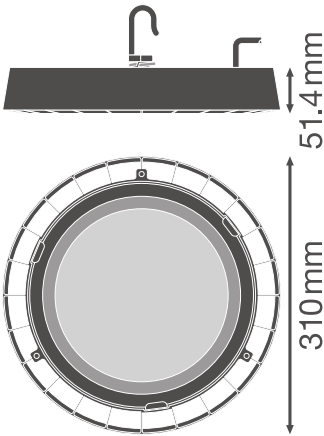
HIGH BAY VALUE 200W



HIGH BAY VALUE 200W

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 310.00 mm |
| Height         | 51.40 mm  |
| Product weight | 2260.00 g |
| Cable length   | 500 mm    |



HIGHBAY VALUE 200W

## Materials & Colors

|                                            |                |
|--------------------------------------------|----------------|
| Product color                              | Black          |
| Housing color                              | Black          |
| Body material                              | Aluminum       |
| Cover material                             | Tempered glass |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C         |
| Mercury content                            | 0.0 mg         |

## Application & Mounting

|                                        |                   |
|----------------------------------------|-------------------|
| Ambient temperature range              | -20...+50 °C      |
| Type of connection                     | Cable, 3-pole     |
| Type of protection                     | IP65              |
| Protection class IK (shock resistance) | IK06              |
| Dimmable                               | No                |
| Mounting type                          | Suspended/Surface |
| Mounting location                      | Ceiling           |
| Application environment                | Indoor            |
| With light source                      | Yes               |
| Replaceable light source               | No                |

## Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 32000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 36000 h               |
| 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)

## Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / CB / EAC   |
| Luminaire with limited surface temperature, "D sign" | Yes             |
| Ball shot safe                                       | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

## EQUIPMENT / ACCESSORIES

– Bracket available

DOWNLOAD DATA

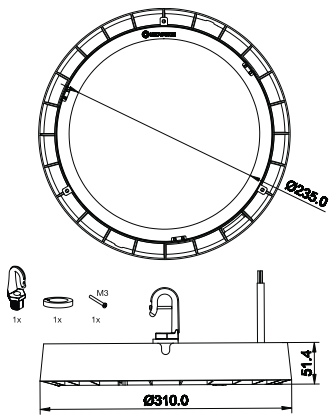
| Documents and certificates                                                          |                                        | Document name                                  |
|-------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------|
|    | User instruction / safety instructions | HIGH BAY VALUE USER INSTRUCTION                |
|    | Legal information                      | Legal insert HB VAL AND HB COMP V              |
|    | Declarations of conformity             | HB VAL                                         |
| Photometric and lighting design files                                               |                                        | Document name                                  |
|    | IES file (IES)                         | HB VALUE 200W 4000K 100DEG IP65                |
|    | LDT file (Eulumdat)                    | HB VALUE 200W 4000K 100DEG IP65                |
|    | UGR file (UGR table)                   | HIGH BAY VALUE 200W                            |
|    | Light distribution curve type cone     | HIGH BAY VALUE 200W                            |
|   | Light distribution curve type polar    | HIGH BAY VALUE 200W                            |
| CAD/BIM files                                                                       |                                        | Document name                                  |
|  | BIM Revit 3D                           | High Bay Value                                 |
|  | CAD STEP 3D                            | HB VAL 200W                                    |
| Tender texts                                                                        |                                        | Document name                                  |
|  | Tender documents                       | HIGH BAY VALUE 200 W 4000 K 100 DEG IP65 BK-EN |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075408456 | Shipping box<br>1            | 337 mm x 337 mm x 89 mm              | 2547.00 g    | 10.11 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



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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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### DISCLAIMER

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