

PRODUCT DATASHEET

LED VALUE Highbay 83 W 6500 K

LED VALUE Highbay GEN 2 | High-bay luminaires



Areas of application

- Warehouses
- Factory
- Logistics halls
- Public areas
- Airports
- Indoor sports facilities

Product benefits

- Energy savings thanks to high system efficacy: up to 120 lm/W
- Tough and heavy duty thanks to the aluminum die-cast housing tempered glass
- Low maintenance costs thanks to long lifetime

Product features

- Driver on board technology platform
- Available with wattage: 60 W, 83 W, 125 W, 150 W and 200 W
- Standard CCT: 6500 K and 4000 K
- Input voltage: 220...240 V
- Color rendering index $R_a \geq 80$
- Power factor: > 0.9
- Luminous efficacy: 120 lm/W
- Type of protection: IP65
- Impact resistance: IK06
- Safety compliance certificates: CB, EMC, RoHS 2.0

TECHNICAL DATA

Electrical data

| | |
|------------------------|-------------|
| Nominal wattage | 83.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Power factor λ | > 0.90 |
| Protection class | I |

Photometrical data

| | |
|--------------------------------------|---------------------|
| Luminous flux | 10000 lm |
| Luminous efficacy | 120 lm/W |
| Color temperature | 6500 K |
| Light color (designation) | Daylight |
| Color rendering index Ra | 80 |
| Standard deviation of color matching | ≤5 sdc _m |
| Beam angle | 105 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 180.00 mm |
| Height | 50.00 mm |
| Product weight | 800.00 g |



LDVAL HB 60W/83W

Materials & Colors

| | |
|-----------------|------------|
| Product color | Black/Gray |
| Housing color | Black/Gray |
| Body material | Aluminum |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|---------------------------|--------------|
| Ambient temperature range | -30...+50 °C |
| Type of protection | IP65 |
| Dimmable | No |

| | |
|--------------------------|-------------------|
| Mounting type | Surface/Suspended |
| Application environment | Indoor |
| With light source | Yes |
| Replaceable light source | No |

Lifespan


| | |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
|---------------------------|-----------------------|

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

| | |
|----------------------------------|-----------------|
| Replaceable light source (EPREL) | Not replaceable |
|----------------------------------|-----------------|

DOWNLOAD DATA

| Photometric and lighting design files | | Document name |
|--|----------------|---------------------|
|  | IES file (IES) | LDVAL HB 83W 865 G2 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075739000 | Shipping box 1 | 75 mm x 215 mm x 225 mm | 1005.00 g | 3.63 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.

DISCLAIMER

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