

PRODUCT DATASHEET

LED VALUE Highbay 83 W 4000 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	4000 K
Light color (designation)	Cool White
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 840 G2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075738997	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.