

# PRODUCT DATASHEET

## LED VALUE LINEAR HIGHBAY 100W 840 WD

LED VALUE LINEAR HIGHBAY | High-bay luminaires



### Areas of application

- Factory
- Warehouses
- Distribution centre
- Other high ceiling indoor application

### Product benefits

- Energy savings thanks to system efficacy up to 135 lm/W
- 1-10 dimming provides additional energy saving
- 3 kinds of beam angle available, Narrow (60°), Wide (90°) and High rack optic (30° x 90°), can meet different application requirements
- IP44, can be used in indoor wet environment
- Low maintenance costs thanks to long lifetime 50,000 hrs @ 35 °C

### Product features

- Available in 4 lengths: 252 mm, 491 mm, 730 mm and 969 mm
- Available with wattage: 50 W, 100 W, 150 W and 200 W
- Surge protection: up to 4 kV (L/N-PE), 2 kV (L-N)
- Available in sling suspended and bracket mounted
- Certificate: CB, RoHS

TECHNICAL DATA

Electrical data

Nominal wattage	100.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	1100.000 mA
Max. number of luminaires per miniature circuit breaker B16	2
Max. number of luminaires per miniature circuit breaker C16	2
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I

Photometrical data

Luminous flux	13500 lm
Luminous efficacy	135 lm/W
Color temperature	4000 K
Light color (designation)	Neutral White
Color rendering index Ra	80
Beam angle	90 °

Dimensions & Weight

Length	491.00 mm
Width	129.00 mm
Height	70.00 mm
Product weight	1400.00 g



LDVAL LINEAR HB 100W

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Terminal
Type of protection	IP44
Protection class IK (shock resistance)	IK06
Dimmable	Yes
Type of dimming	1-10V
Mounting type	Suspended/Surface
Application environment	Indoor
Mounting length	491 mm
Mounting width	129 mm
With light source	Yes
Replaceable light source	No


Certificates & Standards

Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	no
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DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDVAL LINEAR HB 100W 840 WD

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075660236	Folding box 1	540 mm x 105 mm x 155 mm	1601.00 g	8.79 dm <sup>3</sup>
4058075660243	Shipping box 6	555 mm x 345 mm x 330 mm	10598.00 g	63.19 dm <sup>3</sup>

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.