

PRODUCT DATASHEET

HIGH BAY VALUE 100 W 4000 K 100 DEG IP65 BK

HIGH BAY VALUE | 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
- 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



TECHNICAL DATA

Electrical data

Nominal wattage	100.00 W
Operating mode	Mains voltage
Nominal voltage	220...240 V
Power factor λ	≥ 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	28
Max. no. of lum. on circuit break. C10 A	17
Max. no. of lum. on circuit break. C16 A	28
Inrush current	7.72 A
Total harmonic distortion	< 20 %
Inrush current time T_{h50}	3.4 μ s

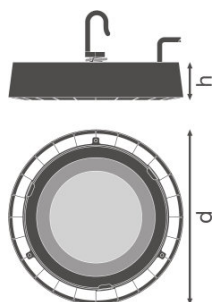
Photometrical data

Color temperature	4000 K
Luminous efficacy	100 lm/W
Luminous flux	10000 lm
Standard deviation of color matching	<5 sdc _m
Light color (designation)	Cool White
Color rendering index Ra	>80

Light technical data

Beam angle	100.00 °
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Dimensions & weight



Diameter	230.0 mm
Height	51.4 mm
Product weight	1338.00 g

Cable length	500 mm
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Colors & materials

Body material	Aluminum
Product color	Black
Housing color	Black
Cover material	Tempered glass

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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Lifespan

Number of switching cycles	50000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	32000 h
Lifespan L90/B10 at 25 °C	- h

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling

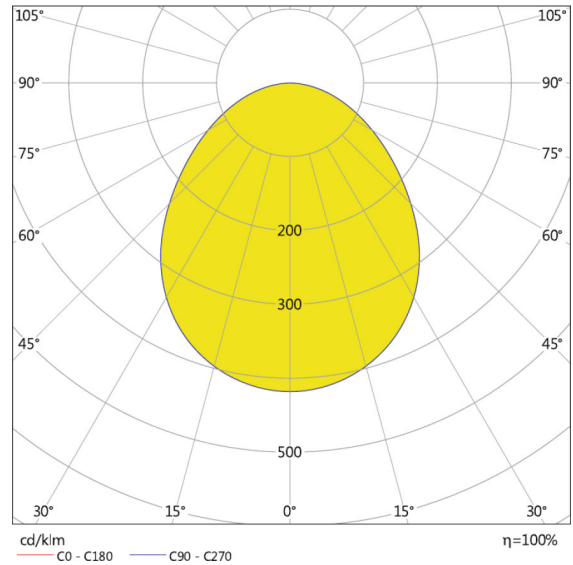
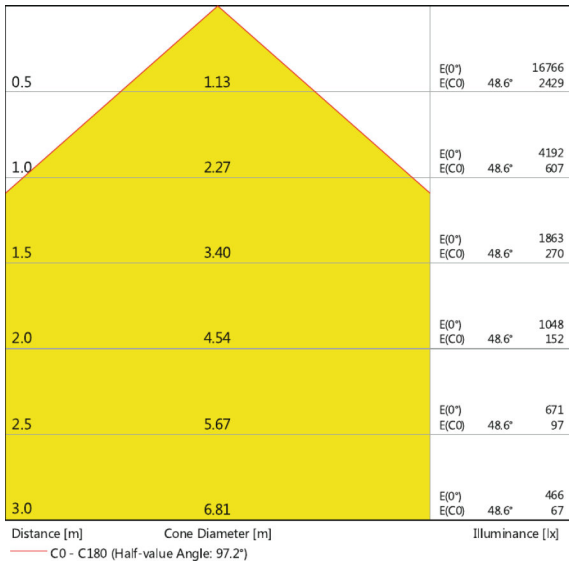
Capabilities

Dimmable	No
Type of connection	Cable, 3-pole
Ball shot safe	No
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK06
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group EN62778	RG 1
Photobio. safety group acc. to EN62471	RG 1
Protection class	I
Type of protection	IP65
Standards	CE/CB/EAC/ROHS/REACH

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

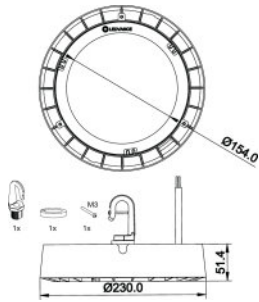
- Bracket available

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075408395	Shipping carton box 1	257 mm x 257 mm x 89 mm	1743.00 g	5.88 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.

ADDITIONAL CATALOG INFORMATION



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.