PRODUCT DATASHEET
HB 165 W 4000 K 70DEG BK IP65

HIGH BAY Gen 2 | High-bay luminaires up to 135 lm/W



AREAS OF APPLICATION

- Replacement for high bay luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industry
- Indoor and outdoor
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)

PRODUCT BENEFITS

- High luminous efficacy
- Energy savings of up to 60 % compared to conventional high bay luminaires
- 5 years guarantee
- Optimized weight and size due to compact design

PRODUCT FEATURES

- Luminous efficacy: up to 135 lm/W
- Type of protection: IP65
- Available with beam angle: 70°, 90°, 110°



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TECHNICAL DATA

Electrical data

Nominal wattage	165.00 W
Operating mode	Integrated LED driver
Nominal voltage	100...240 V
Power factor λ	≥0.95
Mains frequency	50/60 Hz
Inrush current	70.0 A
Total harmonic distortion	< 10 %
Inrush current time T_{h50}	150 µs

Luminaire control gear data

Ouput current	630 mA
Max. no. of lum. on circuit break. B16 A	13
Max. no. of lum. on circuit break. C10 A	10
Max. no. of lum. on circuit break. C16 A	15

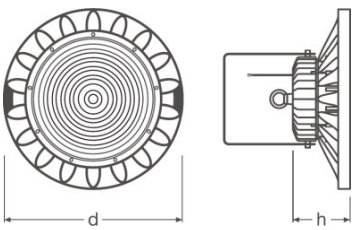
Photometrical data

Color temperature	4000 K
Luminous efficacy	135 lm/W
Luminous flux	22000 lm
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool White
Color rendering index Ra	>80

Light technical data

Beam angle	70 °

Dimensions & weight



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Diameter	376.0 mm
Height	139.0 mm
Product weight	4365.00 g
Cable length	1500 mm

Colors & materials

Body material	Aluminum
Product color	Black
Housing color	Black
Cover material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-30...+50 °C

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	50000

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling

Capabilities

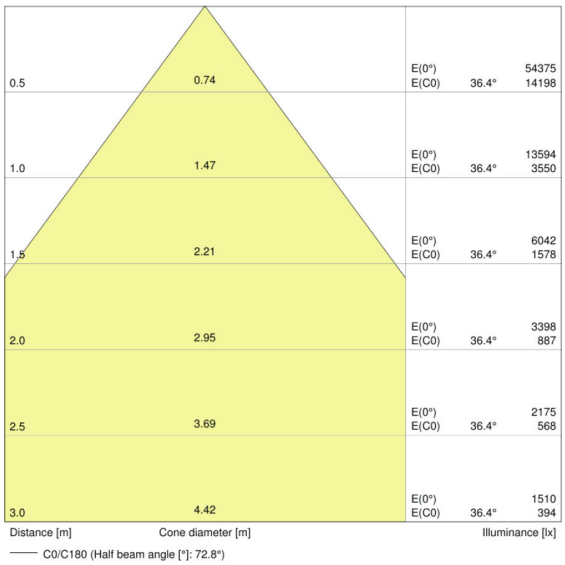
Adjustable	Yes
Dimmable	No
Type of connection	Cable, 3-pole
Ball shot safe	No
LED module replaceable	Not replaceable

Certificates & standards

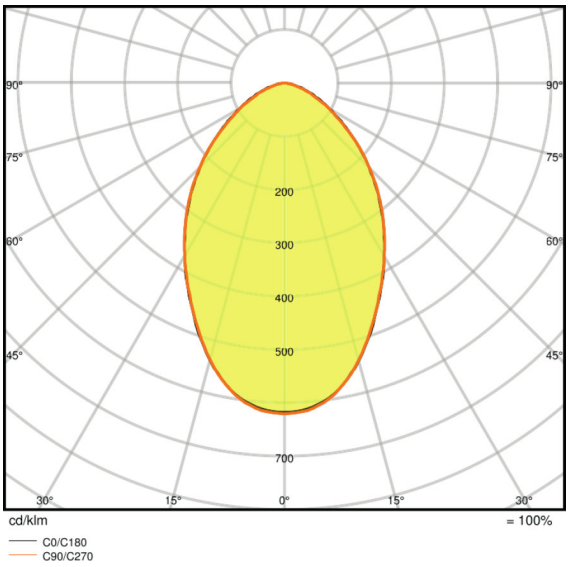
Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group EN62778	RG 0
Photobio. safety group acc. to EN62471	RG 0
Protection class	I
Type of protection	IP65
Luminaire with limited surface temperature, class "D“	Yes
Standards	CE/CB/TÜV SÜD/RoHS

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Light Distribution



LDC typ cone



LDC typ polar

EQUIPMENT / ACCESSORIES

– Mounting hook and brackets included

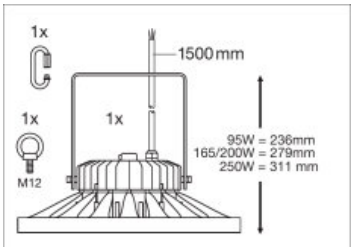
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074361	Shipping carton box 1	410 mm x 410 mm x 198 mm	5761.00 g	33.28 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

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