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
- Exclusive LEDVANCE design
- 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	Electronic control gear (ECG)
Nominal voltage	100...240 V
Power factor λ	≥0.95
Mains frequency	50/60 Hz

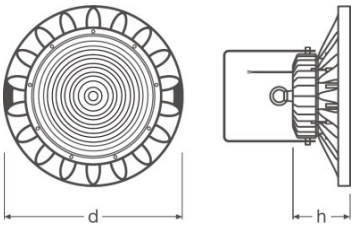
Photometrical data

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
Luminous efficacy of lamp in luminaire	135 lm/W

Light technical data

Beam angle	70 °

Dimensions & weight



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

Colors & materials

Body material	Aluminum
Housing color	Black

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Product color	Black

Temperatures & operating conditions

Ambient temperature range	-30…50 °C

Lifespan

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

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling

Capabilities

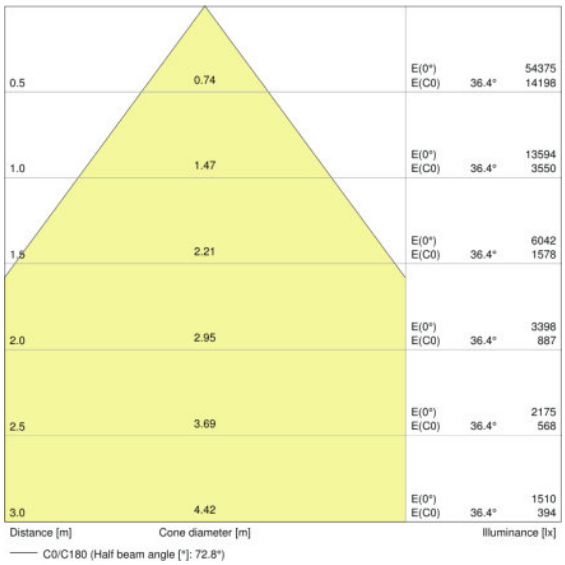
Dimmable	No
Type of connection	Cable, 3-pole
LED module replaceable	Not replaceable

Certificates & standards

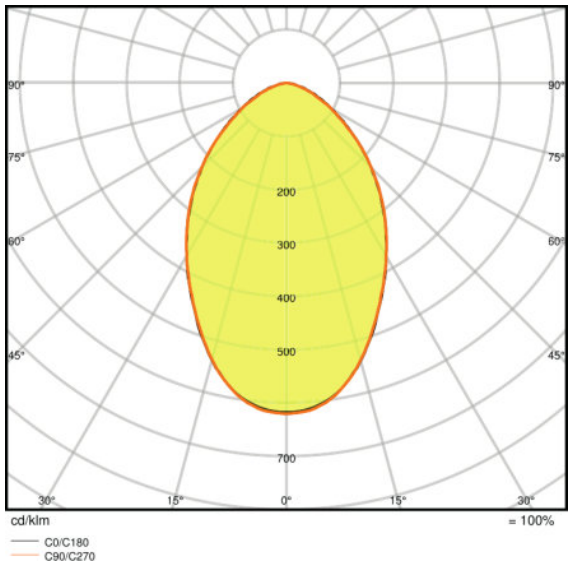
Protection class IK (shock resistance)	IK08
Photobiological safety group	RG 0
Protection class	I
Type of protection	IP65
Standards	CE/CB/TÜV SÜD/RoHS

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Light Distribution



LDC typ cone



LDC typ polar

EQUIPMENT / ACCESSORIES

– Mounting hook and brackets included

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075074361	HB 165 W 4000 K 70DEG BK IP65	Shipping carton box 1	409 mm x 409 mm x 198 mm	33.12 dm^3	5761.00 g

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.

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.

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