

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
- 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°

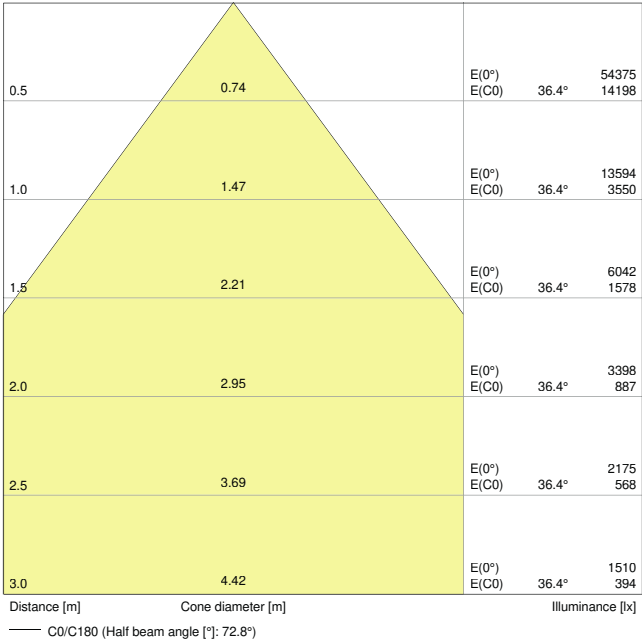


TECHNICAL DATA**Electrical data**

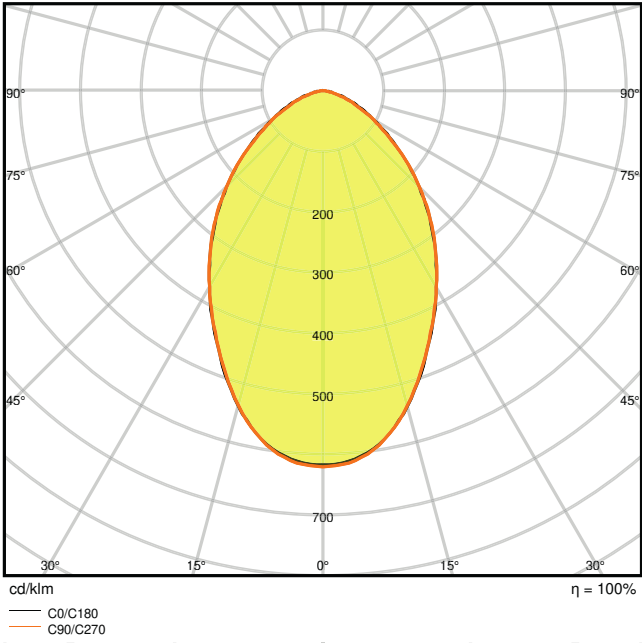
Nominal wattage	165.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	740.000 mA
Inrush current	70 A
Inrush current time T_{h50}	150 μ s
Max. no. of lum. on circuit break. B16 A	13
Max. no. of lum. on circuit break. C10 A	10
Max. no. of lum. on circuit break. C16 A	15
Power factor λ	≥ 0.95
Total harmonic distortion	< 10 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	22000 lm
Luminous efficacy	135 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	70 °



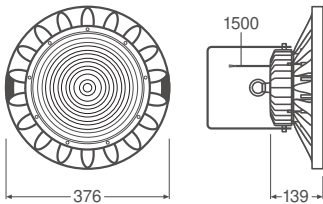
LDC typ cone



LDC typ polar

Dimensions & Weight

Diameter	376.00 mm
Height	139.00 mm
Product weight	4365.00 g
Cable length	1500 mm



Materials & Colors

Product color	Black
Housing color	Black

Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
Adjustable	Yes
LED module replaceable	Not replaceable

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

Control gear

Output current	630 mA
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Certificates & Standards

Standards	CE / CB / TÜV SÜD / RoHS
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

EQUIPMENT / ACCESSORIES

- Mounting hook and brackets included

DOWNLOAD DATA

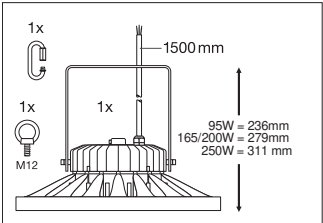
Documents and certificates	
	User instruction
	On-Pack-Info
	Declarations Of Conformity CE
Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)
	ULD file (DIALux)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

LOGISTICAL DATA

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