PRODUCT DATASHEET
HB DALI CLO 90 W 4000 K 115 DEG IP65 BK

HIGHBAY DALI CONSTANT LUMEN 115DEG | LED high-bay luminaires with DALI interface and constant lumen function



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

- Same luminous flux over the luminaire's lifetime thanks to constant lumen function
- High compatibility thanks to DALI-2 certification
- DALI 2.0 interface for dimming and sensor operations
- Low flicker light thanks to special electronic control gear
- High luminous efficacy
- Easy electrical connection due to push button connector
- Energy savings of up to 90 % compared to conventional high bay luminaires
- 5 years guarantee

PRODUCT FEATURES

- Pre-configured DALI driver included
- Luminous efficacy: up to 140 lm/W
- Type of protection: IP65
- Lifetime: up to 50,000 h



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TECHNICAL DATA

Electrical data

Nominal wattage	75...90 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	≥0.90
Mains frequency	0/50/60 Hz

Luminaire control gear data

Ouput current	820 mA
ECG - Output ripple current	<10 %

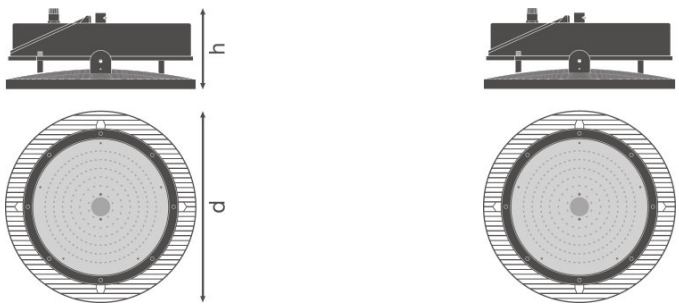
Photometrical data

Color temperature	4000 K
Luminous efficacy	115...140 lm/W
Luminous flux	10500 lm
Standard deviation of color matching	<4 sdcm
Light color (designation)	Cool White
Color rendering index Ra	>80
Luminous efficacy of lamp in luminaire	115 lm/W

Light technical data

Beam angle	115 °

Dimensions & weight



Diameter	330.0 mm
Height	130.0 mm
Product weight	3170.00 g

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Colors & materials

Body material	Aluminum
Housing color	Black
Product color	Black

Temperatures & operating conditions

Ambient temperature range	-30…50 °C

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling / Wall
Product remark	Available from July 2018

Capabilities

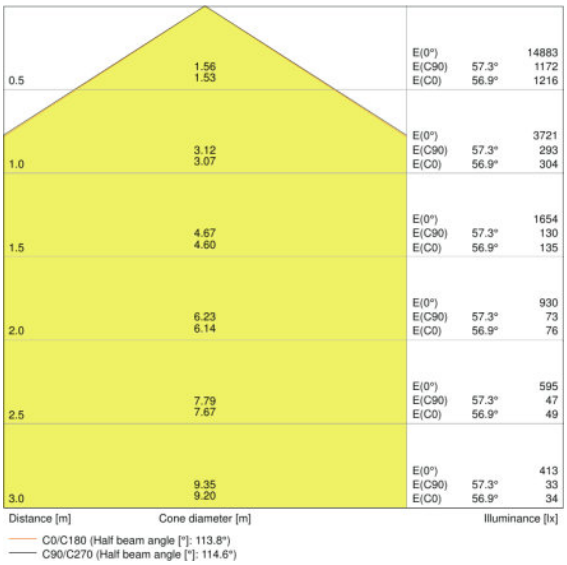
Dimmable	Yes
Type of connection	Terminal
Constant lumen function	Yes
LED module replaceable	Not replaceable

Certificates & standards

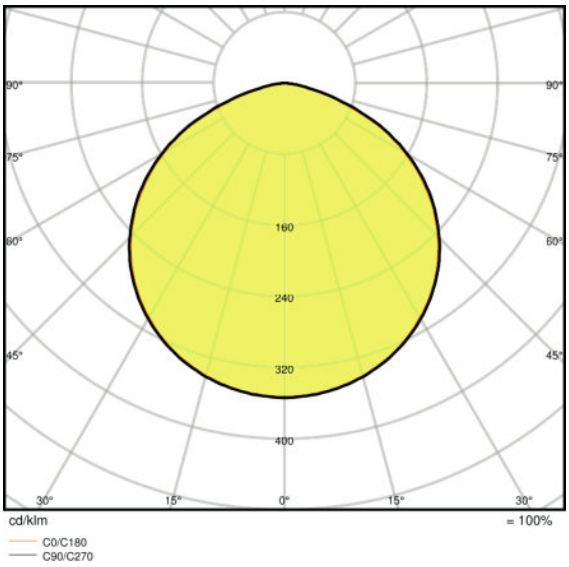
Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group	RG 0
Protection class	I
Type of protection	IP65
Standards	CE/CB/ENEC/TÜV SÜD/RoHS/EAC

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Light Distribution



LDC typ cone



LDC typ polar

EQUIPMENT / ACCESSORIES

- Mounting hook included
- Mounting brackets and reflectors as seperate accessory available

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075130661	HB DALI CLO 90 W 4000 K 115 DEG IP65 BK	Shipping carton box 1	370 mm x 370 mm x 200 mm	27.38 dm^3	5305.00 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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