

PRODUCT DATASHEET

HB COMP V 133W 865 110DEG IP65

HIGH BAY COMPACT GEN 1 | High-bay luminaires up to 120 lm/W



VALUE
CLASS

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
- Optimized weight and size due to compact design

Product features

- Operating temperature: -20...45 °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 120 lm/W

TECHNICAL DATA

Electrical data

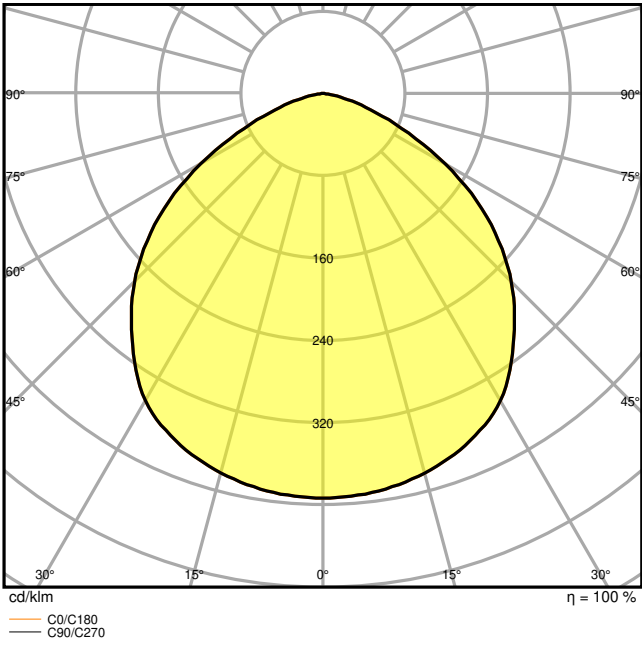
Nominal wattage	133.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	580 mA
Inrush current	8.70 A
Inrush current time T_{h50}	19.72 μ s
Max. number of luminaires per miniature circuit breaker B16	22
Max. number of luminaires per miniature circuit breaker C10	13
Max. number of luminaires per miniature circuit breaker C16	22
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	16000 lm
Luminous efficacy	120 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °



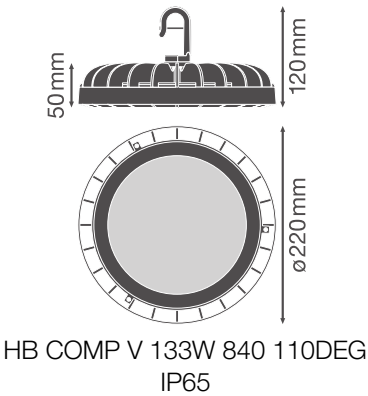
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Dimensions & Weight

Diameter	220.00 mm
Height	50.00 mm
Product weight	1100.00 g
Cable length	500 mm



Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9017

Body material	Aluminum
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface/Suspended
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	45000 h ¹⁾
Lifespan L80/B50 at 25 °C	45000 h
Lifespan L90/B10 at 25 °C	30000 h
Number of switching cycles	>100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE / UKCA / CB / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00040-V01.01-EN

EQUIPMENT / ACCESSORIES

- Bracket available
- Reflector available

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	UI HighBay Compact V 110D

Documents and certificates	Document name
 Legal information	LS Insert HighBay Compact V 110D
 Legal information	Legal insert HB VAL AND HB COMP V
 Legal information	Informationstext 18 Abs 4 ElektroG
 Declarations of conformity	CE Declaration HB COMP V
 Declarations of conformity	CE Declaration of Conformity
 Declarations of conformity UKCA	UKCA Declaration of Conformity HIGHBAY COMP V IP65
 Declarations of conformity UKCA	HB COMP V 110DEG IP65
 EPD	EPD EN HIGH BAY COMPACT

Photometric and lighting design files	Document name
 IES file (IES)	HB COMP V 133W 865 110DEG IP65
 LDT file (Eulumdat)	HB COMP V 133W 865 110DEG IP65
 ULD file (DIALux)	HB COMP V 133W 865 110DEG
 ROLF file (RELUX)	HB COMP V 133W 865
 UGR file (UGR table)	HB COMP V 133W 865 110DEG IP65
 Light distribution curve type cone	HB COMP V 133W 865 110DEG IP65
 Light distribution curve type polar	HB COMP V 133W 865 110DEG IP65

CAD/BIM files	Document name
 BIM Revit 3D	High Bay Compact
 CAD STEP 3D	HB COMP 133W

Tender texts	Document name
 Tender documents	HIGH BAY COMPACT 133W 865 110DEG IP65-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075764453	Shipping box 1	265 mm x 255 mm x 75 mm	1362.00 g	5.07 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.

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.