

# PRODUCT DATASHEET

## HB COMP V 225W 865 110DEG IP65

HIGH BAY COMPACT | 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

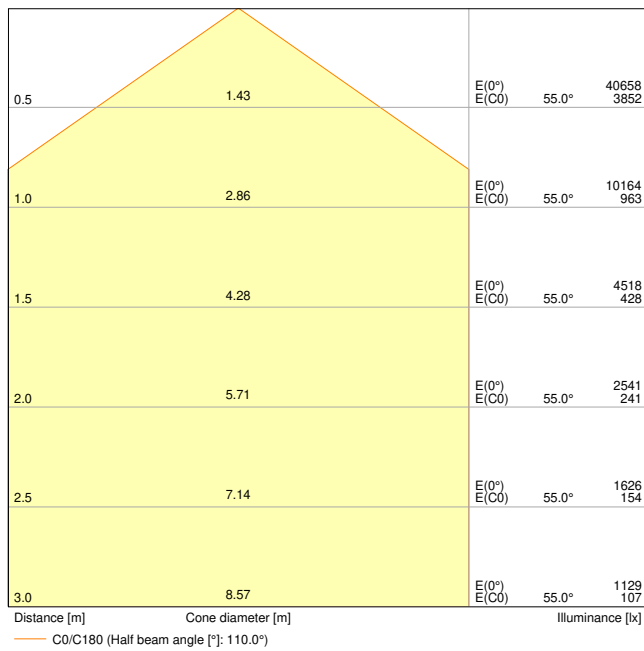
## TECHNICAL DATA

### Electrical data

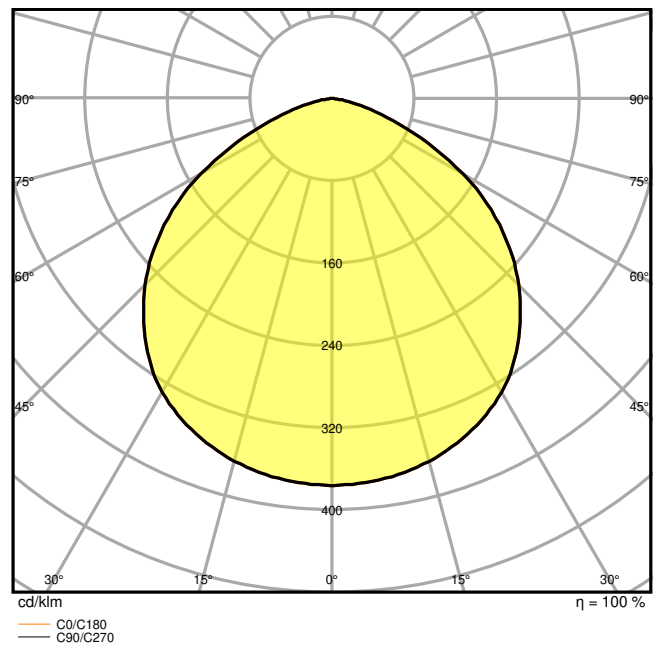
Nominal wattage	225.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	980 mA
Inrush current	10.64 A
Inrush current time $T_{h50}$	16.52 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	13
Max. number of luminaires per miniature circuit breaker C10	8
Max. number of luminaires per miniature circuit breaker C16	13
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	27000 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	$\leq 5$ sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °



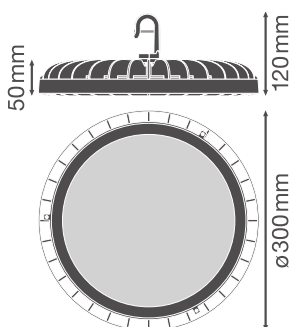
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Dimensions & Weight

Diameter	300.00 mm
Height	50.00 mm
Product weight	2000.00 g
Cable length	500 mm



HB COMP V 225W 840 110DEG  
IP65

Materials & Colors

Product color	Black
Housing color	Black
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

### Lifespan

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

<sup>1)</sup> 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"	Yes
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable








### EQUIPMENT / ACCESSORIES



- Bracket available
- Reflector available


### DOWNLOAD DATA

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

Documents and certificates		Document name
	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

Photometric and lighting design files		Document name
	IES file (IES)	HB COMP V 225W 865 110DEG IP65
	LDT file (Eulumdat)	HB COMP V 225W 865 110DEG IP65
	ULD file (DIALux)	HB COMP V 225W 865
	ROLF file (RELUX)	HB COMP V 225W 865
	UGR file (UGR table)	HB COMP V 225W 865 110DEG IP65
	Light distribution curve type cone	HB COMP V 225W 865 110DEG IP65
	Light distribution curve type polar	HB COMP V 225W 865 110DEG IP65

CAD/BIM files		Document name
	BIM Revit 3D	High Bay Compact
	CAD STEP 3D	HB COMP 225W

Tender texts		Document name
	Tender documents	HIGH BAY COMPACT 225W 865 110DEG IP65-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075775138	Shipping box 1	345 mm x 335 mm x 75 mm	2438.00 g	8.67 dm <sup>3</sup>

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](http://www.ledvance.com/guarantee)

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