PRODUCT DATASHEET
HB COMP V 166W 840 110DEG IP65

HIGH BAY COMPACT | High-bay luminaires up to 120 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

- Modern exclusive design
- Energy savings of up to 60 % compared to conventional high bay luminaires
- 3 years guarantee
- 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
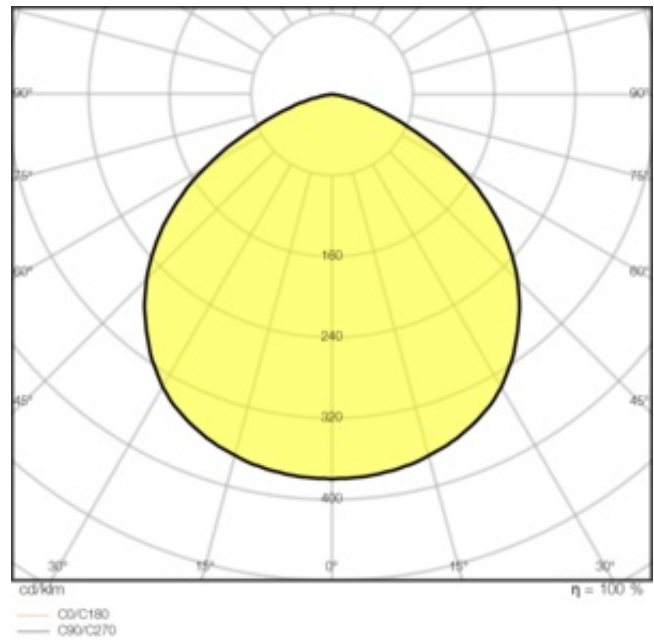
TECHNICAL DATA

Electrical data

Nominal wattage	166.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	720 mA
Inrush current	8.34 A
Inrush current time T_{h50}	19.84 µs
Max. no. of lum. on circuit break. B16 A	17
Max. no. of lum. on circuit break. C10 A	11
Max. no. of lum. on circuit break. C16 A	17
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

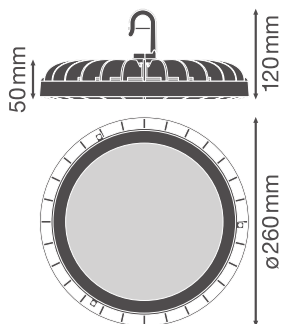|	
Luminous flux	20000 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdcm
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	110 °

LDC typ cone

LDC typ polar

Dimensions & Weight

Diameter	260.00 mm
Height	50.00 mm
Product weight	1500.00 g
Cable length	500 mm

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
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

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

Certificates & Standards

Standards	CE / UKCA / CB / EAC
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

Additional product data

Product remark	Available from March 2022

EQUIPMENT / ACCESSORIES

– Bracket available
– Reflector available

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction

	DOWNLOAD DATA
PDF	Addon Technical Information
	Tender documents
PDF	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075708198	Shipping box 1	75 mm x 295 mm x 305 mm	1844.00 g	6.75 dm³

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.