

PRODUCT DATASHEET EM BULKHEAD HLO E 10W 3H AT

EMERGENCY BULKHEAD HLO | Rectangular EMERGENCY BULKHEAD HIGH LUMEN OUTPUT with IP66 and 3 h standby time



Areas of application

- Antipanic lighting
- Industry
- Warehouses

Product benefits

- Operation of integrated emergency lighting function with long life LiFePO4 battery with 3h battery discharge time
- Easy maintenance with automatic test function or integrated test switch

Product features

- Luminous flux: 1500 lm
- Type of protection: IP66
- Battery discharge time: 3 h
- Battery technology: LiFePO4
- Function test: manual (MA) or automatic (AT)
- With integrated test switch for manual testing
- Operation mode: non-maintained (NM)



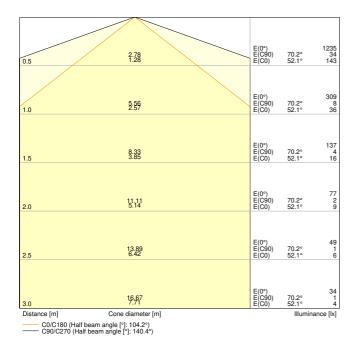
TECHNICAL DATA

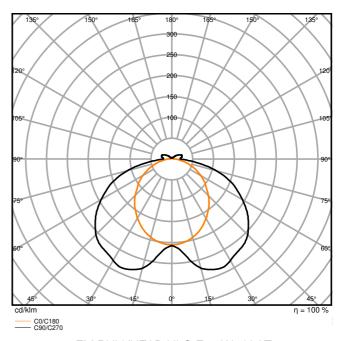
Electrical data

Nominal wattage	10.00 W
Nominal voltage	220240 V
Mains frequency	50/60 Hz
Nominal current	51.000 mA
Inrush current	4.4 A
Inrush current time T _{h50}	16 µs
Max. number of luminaires per miniature circuit breaker B16	170
Max. number of luminaires per miniature circuit breaker C10	136
Max. number of luminaires per miniature circuit breaker C16	218
Power factor λ	0.3
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1500 lm
Luminous efficacy	150 lm/W
Color temperature	5700 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	≤ 0,4
Photobiological safety group acc. to EN62778	RG0
Beam angle	70 ° x 140 °





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Dimensions & Weight

Length	321.00 mm
Width	167.00 mm
Height	83.00 mm
Product weight	1470.00 g



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Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)
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	0+45 °C	
Temperature range at storage	0+35 °C	
Type of connection	Terminal	
Type of protection	IP66	
Protection class IK (shock resistance)	IK08	
Dimmable	No	
Mounting type	Surface	
Mounting location	Ceiling / Wall	
Application environment	Indoor	
Mounting depth	0 mm	
Adjustable	No	
With light source	Yes	
Replaceable light source No		
Number of switching cycles Control gear	50000	
Output current	900 mA	
ECG - Output ripple current	8 %	
BATTERY		
Type of Battery	LiFePO4	
Battery size [GMS]	Others	
Nominal voltage of battery	6.4 V	
Nominal capacity of battery	6600 mAh	
Battery charging time	24 h	
Emergency lighting		
Emergency lighting Type of Emergency Lighting (EL)	EL unit (battery and controller) for decentral operation included	
	EL unit (battery and controller) for decentral operation included Anti-panic lighting	
Type of Emergency Lighting (EL) Area of emergency application	Anti-panic lighting	

Luminous flux in emergency operation mode	1500 lm
Battery life in emergency operation mode	3 h
Integrated test switch	Yes

Certificates & Standards

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

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	User instruction / safety instructions	EM BULKHEAD HLO E 10W 3H AT	
PDF	Legal information	Informationstext 18 Abs 4 ElektroG	
PDF	Legal information	Safety Insert G11218810	
PDF	Legal information	Legal Insert G11231524	
PDF	Declarations of conformity	EM BULKHEAD HLO E 10W 3H AT	
PDF	Declarations of conformity UKCA	EM BULKHEAD HLO E 10W 3H AT	
PDF	Product information bulletin	The Emergency Range Flyer UK	
	Photometric and lighting design files	Document name	
	IES file (IES)	EM BULKHEAD HLO E 10W 3H AT	
	LDT file (Eulumdat)	EM BULKHEAD HLO E 10W 3H AT	
<u></u>	UGR file (UGR table)	EM BULKHEAD HLO E 10W 3H AT	

Light distribution curve type cone EM BULKHEAD HLO E 10W 3H AT EM BULKHEAD HLO E 10W 3H AT CAD/BIM files Document name CAD STEP 3D EM BLKH HLO E		Photometric and lighting design files	Document name	
CAD/BIM files Document name		Light distribution curve type cone	EM BULKHEAD HLO E 10W 3H AT	
		Light distribution curve type polar	EM BULKHEAD HLO E 10W 3H AT	
CAD STEP 3D EM BLKH HLO E		CAD/BIM files	Document name	
	STEP	CAD STEP 3D	EM BLKH HLO E	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854230691	Folding box 1	172 mm x 88 mm x 328 mm	1571.00 g	4.96 dm ³
4099854230707	Shipping box 6	360 mm x 345 mm x 285 mm	10006.00 g	35.40 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.