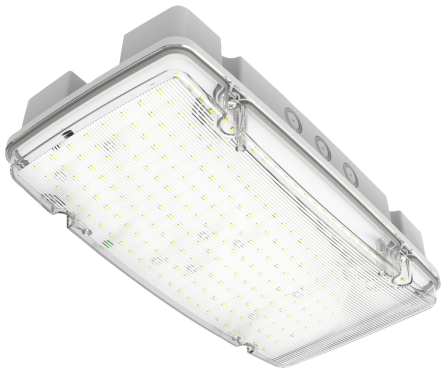
PRODUCT DATASHEET
EM BULKHEAD HLO E 10W 3H AT

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)



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TECHNICAL DATA

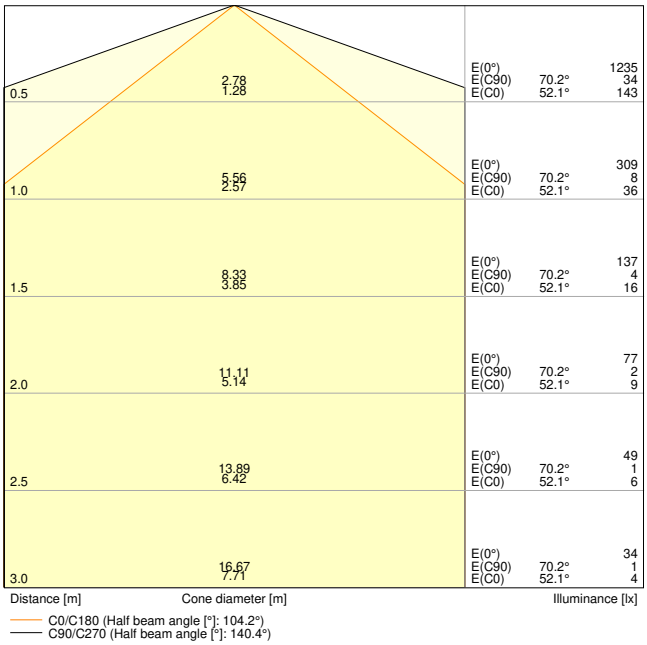
Electrical data

Nominal wattage	10.00 W
Nominal voltage	220…240 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

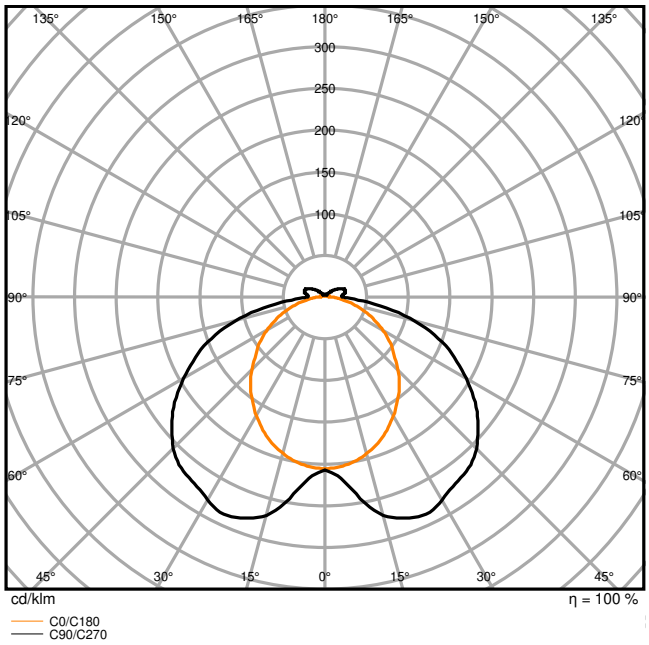
Photometrical data

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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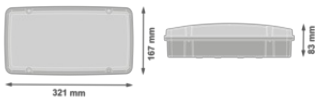
EM BULKHEAD HLO E 10W 3H AT



EM BULKHEAD HLO E 10W 3H AT

Dimensions & Weight

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



EM BULKHEAD HLO E 10W 3H AT

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

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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
Mechanically adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Number of switching cycles	50000

Control gear

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

Type of Emergency Lighting (EL)	EL unit (battery and controller) for decentral operation included
Area of emergency application	Anti-panic lighting
Type of emergency light operation	Non-maintained
Type of emergency operation test	Automatic
Wattage in emergency operation mode	10 W

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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	IES file (IES)	EM BULKHEAD HLO E 10W 3H AT
LDT	LDT file (Eulumdat)	EM BULKHEAD HLO E 10W 3H AT
	UGR file (UGR table)	EM BULKHEAD HLO E 10W 3H AT

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	Photometric and lighting design 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/BIM files	Document name
	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

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