

PRODUCT DATASHEET EM BULKHEAD E 1.3W 3H EM/AC AT

EMERGENCY BULKHEAD RECTANGULAR | Rectangular EMERGENCY BULKHEAD with IP65 and 3 h standby time



Areas of application

- Antipanic lighting
- Industry
- Corridors, stairways, entrance areas

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
- Emergency pictograms included in packaging

Product features

- Luminous flux: 200 lm
- Type of protection: IP65
- Battery discharge time: 3 h
- Battery technology: LiFePO4
- Function test: manual (MA) or automatic (AT)
- With integrated test switch for manual testing
- Operation mode: maintained (M) or non-maintained (NM)



TECHNICAL DATA

Electrical data

Nominal wattage	1.30 W
Nominal voltage	220240 V
Mains frequency	50/60 Hz
Nominal current	42.000 mA
Inrush current	6.8 A
Inrush current time T _{h50}	48 μs
Max. number of luminaires per miniature circuit breaker B16	110
Max. number of luminaires per miniature circuit breaker C10	88
Max. number of luminaires per miniature circuit breaker C16	141
Power factor λ	0.3
Protection class	II
Operating mode	Integrated LED driver

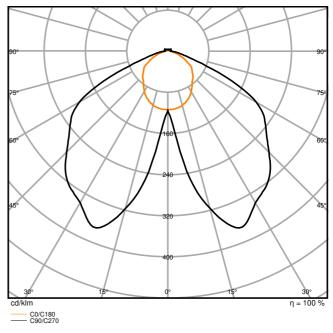
Photometrical data

Luminous flux	200 lm	
Luminous efficacy	150 lm/W	
Color temperature	5700 K	
Light color (designation)	Cool Daylight	
Color rendering index Ra	> 80	
Standard deviation of color matching	6 sdcm	
Low flicker	Yes	
Flickering metric (Pst LM)	< 1	
Stroboscope effect metric (SVM)	≤ 0,4	
Photobiological safety group acc. to EN62778	RG0	
Beam angle	100 ° x 120 °	

August 22, 2025, 22:03:50

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Dimensions & Weight

Length	355.00 mm
Width	115.00 mm
Height	63.00 mm
Product weight	510.00 g



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Materials & Colors

Product color	White	
Housing color	White	
Body material	Polycarbonate (PC) Acrylonitrile butadiene styrene (ABS)	
Cover material	Polycarbonate (PC)/ Acrylonitrile Butadiene Styrene (ABS)	

Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg
pplication & Mounting	
Ambient temperature range	0+45 °C
Temperature range at storage	0+35 °C
Type of connection	Terminal
Type of protection	IP65
Protection class IK (shock resistance)	IK06
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
ifespan	
Number of switching cycles	50000
Number of switching cycles Control gear	50000
	460 mA
Control gear	
Control gear Output current	460 mA
Control gear Output current ECG - Output ripple current	460 mA
Control gear Output current ECG - Output ripple current SATTERY	460 mA 8 %
Control gear Output current ECG - Output ripple current SATTERY Type of Battery	460 mA 8 % LiFePO4
Control gear Output current ECG - Output ripple current SATTERY Type of Battery Battery size [GMS]	460 mA 8 % LiFePO4 Others
Control gear Output current ECG - Output ripple current SATTERY Type of Battery Battery size [GMS] Nominal voltage of battery	460 mA 8 % LiFePO4 Others 3.2 V
Control gear Output current ECG - Output ripple current SATTERY Type of Battery Battery size [GMS] Nominal voltage of battery Nominal capacity of battery	460 mA 8 % LiFePO4 Others 3.2 V 1800 mAh

Area of emergency application

Type of emergency light operation

Type of emergency operation test

Escape route lighting / Anti-panic lighting

Maintained / Non-maintained

Automatic

Wattage in emergency operation mode	1.3 W
Luminous flux in emergency operation mode	200 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 E 1.3W 3H EM/AC AT LEDV	
PDF	Legal information	Informationstext 18 Abs 4 ElektroG	
PDF	Legal information	EM BULKHEAD E 1.3W 3H EM/AC AT LEDV	
PDF	Legal information	Safety Insert G11218810	
PDF	Legal information	Legal Insert G11231524	
PDF	Declarations of conformity	EM BULKHEAD E 1.3W 3H EM/AC AT	
PDF	Declarations of conformity UKCA	EM BULKHEAD E 1.3W 3H EM/AC AT	
	Photometric and lighting design files	Document name	
	IES file (IES)	EM BULKHEAD E 1,3W 3H EM AC AT	
	LDT file (Eulumdat)	EM BULKHEAD E 1,3W 3H EM AC AT	

Photometric and lighting design files	Document name		
UGR file (UGR table)	EM BULKHEAD E 1,3W 3H EM AC AT		
Light distribution curve type cone	EM BULKHEAD E 1,3W 3H EM AC AT		
Light distribution curve type polar	EM BULKHEAD E 1,3W 3H EM AC AT		
CAD/BIM files	Document name		
CAD STEP 3D	EM BLKH E		

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854230677	Folding box 1	115 mm x 70 mm x 360 mm	596.00 g	2.90 dm ³
4099854230684	Shipping box 10	605 mm x 375 mm x 155 mm	6460.00 g	35.17 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.