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)



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TECHNICAL DATA

Electrical data

Nominal wattage	1.30 W
Nominal voltage	220…240 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 °

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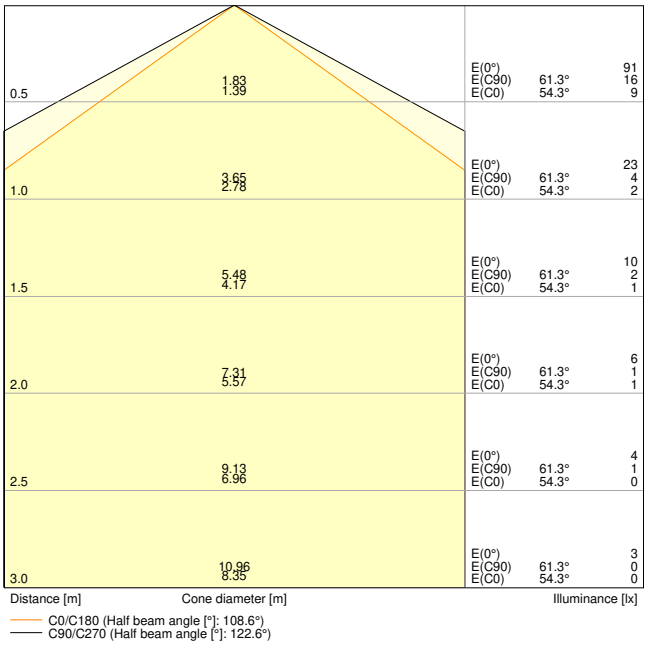

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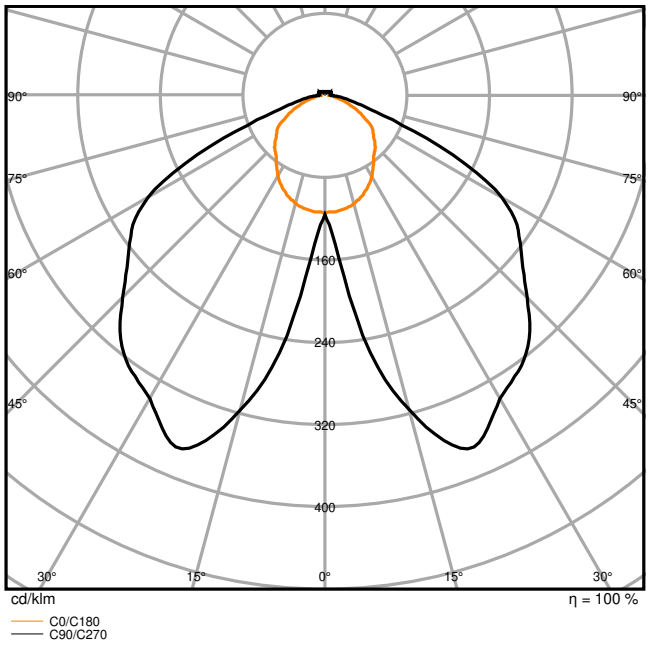
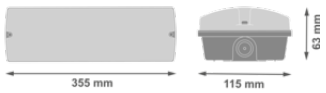


EM BULKHEAD E 1,3W 3H EM AC AT

Dimensions & Weight

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



EM BULKHEAD E 1.3W 3H EM/AC AT

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9003
Body material	Polycarbonate (PC)|Acrylonitrile butadiene styrene (ABS)

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Cover material	Polycarbonate (PC)/ Acrylonitrile Butadiene Styrene (ABS)
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	IP65
Protection class IK (shock resistance)	IK06
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	460 mA
ECG - Output ripple current	8 %

BATTERY

Type of Battery	LiFePO4
Battery size [GMS]	Others
Nominal voltage of battery	3.2 V
Nominal capacity of battery	1800 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	Escape route lighting / Anti-panic lighting
Type of emergency light operation	Maintained / Non-maintained

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Type of emergency operation test	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
Replaceable light source (EPREL)	Not replaceable

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
PDF	Product information bulletin	The Emergency Range Flyer UK

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	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
	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 174 mm	6920.00 g	39.48 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.

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