

**Order No.:** 58FA207A403B3G | **GTIN (EAN):** 4058352419601

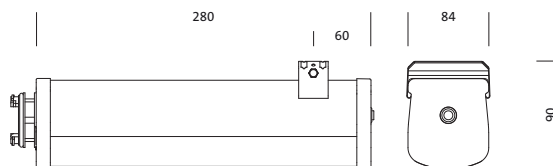
**Product description:** Mon31emerg.lght.elem,LED,450lm840,w/o.CG



Monsun® 31, emergency light element, primary optical cover: diffuser, of PC, frosted, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, EM-KIT 3h,LED, rated luminous flux: 450lm, luminous efficacy: 100lm/W, light colour: 840, colour temperature: 4000K, control gear: ON/OFF, emergency light function, with socket/plug, mains connection: 220..240V, AC, 50..60Hz, rated input power: 5W, housing, luminaire housing, of PC, light grey (RAL 7035), length: 297mm, width: 68mm, height: 76mm, protection rating (complete): IP65, insulation class (complete): insulation class II (safety insulation), certification: CE, protection symbol: D, impact resistance: IK08, permissible operating ambient temperature: 0..+40°C, standard: EN 60598-2-22, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, packaging unit: 1 piece

IP 65 IK 08  

Lamps:	LED
Wt. (kg):	0.7
GTIN (EAN):	4058352419601



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

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**Detailed technical description:** Mon31emerg.lght.elem,LED,450lm840,w/o.CG



#### Key data

- Product type: emergency light element
- Product name: Monsun® 31
- Order No.: 58FA207A403B3G

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Cover: diffuser, frosted
- Beam angle: diffuse distribution
- Symmetry: symmetric
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis:  $\leq 22$
- UGR viewing direction along lateral luminaire axis:  $\leq 22$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 450lm
- Luminous efficacy: 100lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 4$  SDCM (initial)
- Rated input power: 5W
- Supplement: suitable for emergency light operating devices according to IEC 60598-2-22, with self-test function push button and LED

#### Operating device:

- Control gear: without CG
- Control: ON/OFF
- Switching method: emergency light function

#### Certificates, Standards

- Protection rating: IP65
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- Protection symbol: D
- Temperature range (operation): 0..+40°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry
- Standard: EN 60598-2-22
- Certification, designation: CE

#### Material, Colour

- housing: PC, light grey (RAL 7035)
- luminaire housing: PC, light grey (RAL 7035)
- Colour specification: light grey (RAL 7035)
- Cover: diffuser of PC

#### Mounting

- Mounting method, mounting location: surface-mounted, to the luminaire
- Arrangement: single/continuous arrangement

#### Electrical connection

- Connection: socket/plug
- Nominal voltage: 220..240V, 50..60Hz, AC

#### Dimensions, Weight

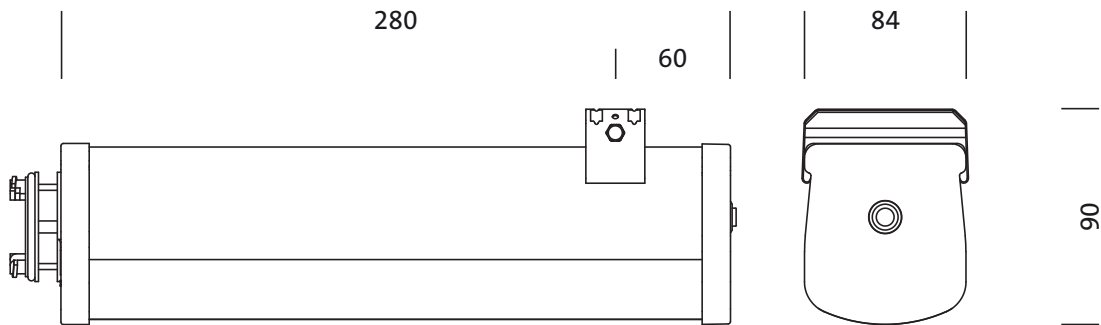
- Length: 297mm
- Width: 68mm
- Height: 76mm
- Weight: 0.7kg

#### Service life

- Rated service life: 50000h (L80/B50) at AT = 25°C

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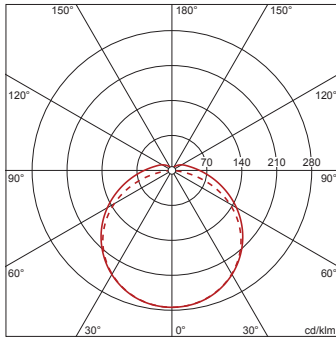
58FA207A403B3G: 1x LED;  
emergency light operation  
rated luminous flux: 3 h

4058352419601

58FA207A403B3G

LED 4000 K | CRI ≥ 80

Φ<sub>N</sub> 450 lm



Φ<sub>1</sub> 91% Φ<sub>2</sub> 9%

Luminance values (cd/m<sup>2</sup>)

	C 0/180	C 90/270
L <sub>80</sub>	4091	4475
L <sub>70</sub>	4424	6279
L <sub>65</sub>	4646	6696

UGR 23.4 22.6

X 4H Y 8H ρ 70/50/20 S 0.25H