

**Order No.:** 51FXA27L460A3G | **GTIN (EAN):** 4058352933213

**Product description:** MonEx,diff,6560lm840,0/1EL3h,6x2.5<sup>2</sup>,PC



Monsun<sup>®</sup> Ex, damp-proof luminaire, primary optical cover: cover, of PC, UV-stabilised, opal, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED, rated luminous flux: 6.560lm, luminous efficacy: 124lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG, with terminal, 3+1-pole, max. 2.5mm<sup>2</sup>, through-wiring: 6x 2.5mm<sup>2</sup>, mains connection: 220..250V, AC, 50/60Hz, rated input power: 53W, control gear: single battery element, housing, of PC, light grey (RAL 7035), incl. 1x Ex cable gland M20 for cable diameter 7..12mm with sealing, incl. 1x Ex locking screw M20 with sealing, length: 1.280mm, width: 155mm, height: 105mm, clip for enclosure, of stainless steel, protection rating (complete): IP66, insulation class (complete): insulation class I (protective earthing), certification: CE, explosion class: zone 1,21 II 2G Ex eb mb op is IIC T4 Gb, II 2D Ex tb op is IIIC T67°C Db, impact resistance: IK10, permissible operating ambient temperature: 0..+35°C, contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity, packaging unit: 1 piece

IP 66 IK 10  

Lamps:	LED
Wt. (kg):	7.0
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**Detailed technical description:** MonEx,diff,6560lm840,0/1EL3h,6x2.5<sup>2</sup>,PC



#### Key data

- Product type: damp-proof luminaire
- Product name: Monsun® Ex
- Order No.: 51FXA27L460A3G

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Cover: cover, opal
- Beam angle: diffuse distribution
- Symmetry: symmetric
- Light emission: direct distribution

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 6560lm
- Luminous efficacy: 124lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 53W
- Supplement: for emergency light function

#### Operating device:

- Control gear: single battery element
- Nominal service life: 3h

##### Component 2

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK10
- Temperature range (operation): 0..+35°C
- Supplement: contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity
- Certification, designation: CE

#### Material, Colour

- housing: PC, light grey (RAL 7035), incl. 1x Ex cable gland M20 for cable diameter 7..12mm with sealing, incl. 1x Ex locking screw M20 with sealing
- Colour specification: light grey (RAL 7035)
- clip for enclosure: stainless steel
- Cover: cover of PC, UV-stabilised

#### Mounting

- Mounting method, mounting location: surface-mounted, to the ceiling, to the wall, to the chain
- Arrangement: single arrangement

#### Electrical connection

- Connection: terminal, 3+1-pole, max. 2.5mm<sup>2</sup>
- Nominal voltage: 220..250V, 50/60Hz, AC
- Through-wiring: 6x 2.5mm<sup>2</sup>

#### Dimensions, Weight

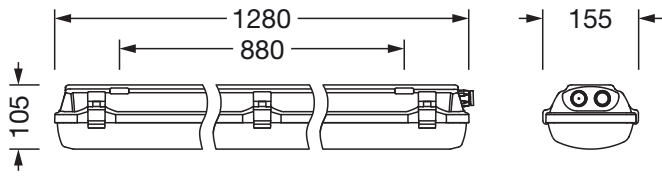
- Length: 1280mm
- Width: 155mm
- Height: 105mm
- Mounting distance: 880mm
- Weight: 7.0kg

#### Service life

- Rated service life: 60000h (L80/B50) at AT = 25°C

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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

Issued 10.11.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -