

Order No.: 51FXC27A410A3G | **GTIN (EAN):** 4058352933886

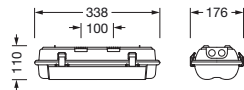
Product description: MonEx,diff,1600lm840,0/1EL3h,6x2.5²,PC



Monsun[®] 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: 1.600lm, luminous efficacy: 123lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG, with terminal, 3+1-pole, max. 2.5mm², through-wiring: 6x 2.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 13W, 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. 3x Ex locking screw M20 with sealing, length: 338mm, width: 176mm, height: 110mm, clip for enclosure, of stainless steel, protection rating (complete): IP66, insulation class (complete): insulation class I (protective earthing), certification: CE, explosion class: zone 2,22 II 3G Ex nR IIC T6 GC, II3D Ex tc IIIC T65°C Dc, impact resistance: IK10, permissible operating ambient temperature: 0..+35°C, LABS conformity tested according to VDMA 24364:2018-05, 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):	1.4
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Detailed technical description: MonEx,diff,1600lm840,0/1EL3h,6x2.5²,PC



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® Ex
- Order No.: 51FXC27A410A3G

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: 1600lm
- Luminous efficacy: 123lm/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: 13W
- 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: LABS conformity tested according to VDMA 24364:2018-05, 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. 3x 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. 2.5mm²
- Nominal voltage: 220..240V, 50/60Hz, AC
- Through-wiring: 6x 2.5mm²

Dimensions, Weight

- Length: 338mm
- Width: 176mm
- Height: 110mm
- Mounting distance: 100mm
- Weight: 1.4kg

Service life

- Rated service life: 60000h (L80/B10) at AT = 25°C

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