

Order No.: 51FXB27L440A3G | **GTIN (EAN):** 4058352933541

Product description: MonEx,diff,4500lm840,0/1EL3h,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: 4.500lm, luminous efficacy: 154lm/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: 29W, control gear: single battery element, housing, of PC, light grey (RAL 7035), incl. blind plug, incl. 1x Ex cable gland M20 for cable diameter 7..12mm 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: zone2,22 II 3G Ex nR IIC T6 GC, II 3D Ex tc IIIC T80°C Dc, impact resistance: IK10, permissible operating ambient temperature: 0..+40°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):	3.8
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Detailed technical description: MonEx,diff,4500lm840,0/1EL3h,6x2.5²,PC



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® Ex
- Order No.: 51FXB27L440A3G

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: 4500lm
- Luminous efficacy: 154lm/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: 29W
- 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..+40°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. blind plug, incl. 1x Ex cable gland M20 for cable diameter 7..12mm 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: 1280mm
- Width: 155mm
- Height: 105mm
- Mounting distance: 880mm
- Weight: 3.8kg

Service life

- Rated service life: 70000h (L80/B10) at AT = 25°C

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