

Order No.: 51FA207K430B | **GTIN (EAN):** 4058352419519

Product description: Mons31,diff,3000lm840,0/1,3x2.5²,1x1.5²



Monsun® 31, damp-proof luminaire, primary optical cover: diffuser, of PC, frosted, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED rated luminous flux: 3.000 lm, light colour: 840, colour temperature: 4000K, control gear: ECG, with terminal, 3-pole, max. 2.5mm², through-wiring: 3x 2.5mm² + 1x 1.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 22W, housing, luminaire housing, of PC, light grey (RAL 7035), length: 1.158 mm, width: 68 mm, height: 76mm, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, protection symbol: D, impact resistance: IK08, permissible ambient temperature for indoor applications: -20..+40°C, photobiological safety, risk class 0, packaging unit: 1 piece

IP 66 IK 08   CE

Lamps: LED
Wt. (kg): 1.2
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51FA207K430B



The luminaire contains built-in LED lamps



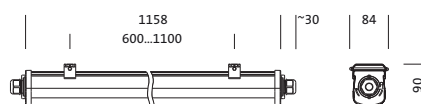
A++
A+
A
B
C
D
E
F

LED

The LED-lamps cannot be changed in the luminaire

874/2012





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Detailed technical description: Mons31,diff,3000lm840,0/1,3x2.5²,1x1.5²

Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 31
- Order No.: 51FA207K430B

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

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

Lamps:

- Lamps: with LED
- Rated luminous flux: 3000lm
- Luminous efficacy: 135lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 4 SDCM (initial)
- Rated input power: 22W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- Protection symbol: D
- Temperature range (operation): - 20...+40°C
- Supplement: photobiological safety, risk class 0
- 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 ceiling, to the wall
- Arrangement: single/continuous arrangement

Electrical connection

- Connection: terminal, 3-pole, max. 2.5mm²
- Nominal voltage: 220...240V, 50/60Hz, AC
- Through-wiring: 3x 2.5mm² + 1x 1.5mm²

Dimensions, Weight

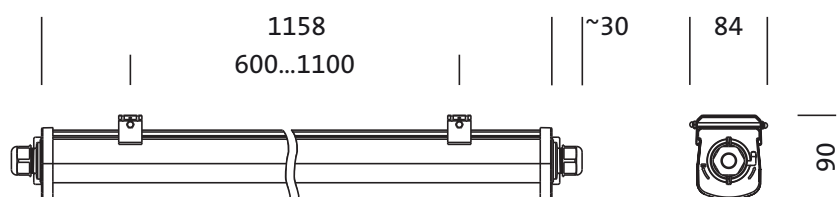
- Length: 1158mm
- Width: 68mm
- Height: 76mm
- Weight: 1.2kg

Service life

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

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Dimensions: Mons31,diff,3000lm840,0/1,3x2.5²,1x1.5²



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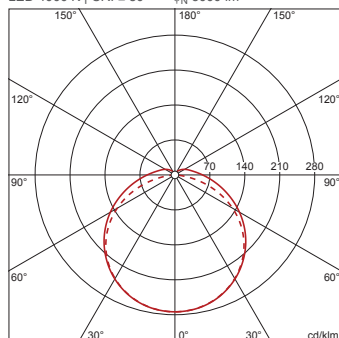
51FA207K430B: 1x LED

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51FA207K430B

LED 4000 K | CRI ≥ 80

Φ_V 3000 lm



Φ_d 91% Φ_t 9%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	6517	7128
L ₇₀	7046	10003
L ₆₅	7400	10666

UGR 25 24.2

X 4H Y 8H ρ 70/50/20 S 0.25H