

Order No.: 51FA20DD420B | **GTIN (EAN):** 4058352419557

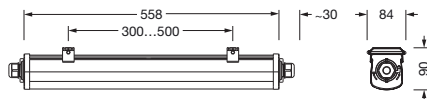
Product description: Mon31,diff,2300lm840,DA2,3x2.5²,3x1.5²



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: 2.300lm, luminous efficacy: 121lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI 2, with terminal, 5+1-pole, max. 2.5mm², through-wiring: 3x 2.5mm² + 3x 1.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 19W, housing, luminaire housing, of PC, light grey (RAL 7035), length: 558mm, width: 68mm, height: 76mm, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, UKCA, protection symbol: D, impact resistance: IK08, permissible operating ambient temperature: -20...+40°C, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, 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



Lamps:	LED
Wt. (kg):	0.8
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Detailed technical description: Mon31,diff,2300lm840,DA2,3x2.5²,3x1.5²



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 31
- Order No.: 51FA20DD420B

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: ≤ 22
- UGR viewing direction along lateral luminaire axis: ≤ 22

Lamps:

- Lamps: with LED
- Rated luminous flux: 2300lm
- Luminous efficacy: 121lm/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: 19W

Operating device:

- Control gear: ECG
- Control: DALI 2

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: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity
- Certification, designation: CE, ENEC, UKCA

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
- Supplement: only suitable for use in indoor areas

Electrical connection

- Connection: terminal, 5+1-pole, max. 2.5mm²
- Nominal voltage: 220...240V, 50/60Hz, AC
- Through-wiring: 3x 2.5mm² + 3x 1.5mm²

Dimensions, Weight

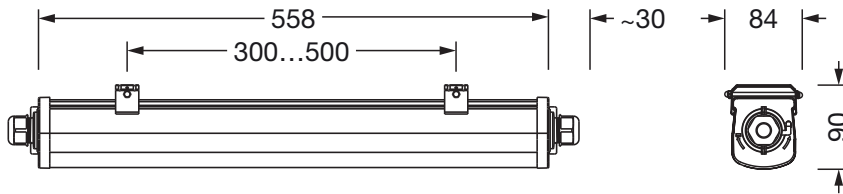
- Length: 558mm
- Width: 68mm
- Height: 76mm
- Weight: 0.8kg

Service life

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

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Dimensions: Mon31,diff,2300lm840,DA2,3x2.5²,3x1.5²



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)

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

Issued 09.04.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

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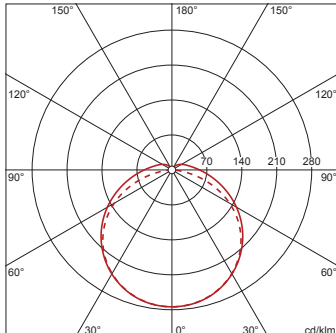
51FA20DD420B: 1x LED

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51FA20DD420B

LED 4000 K | CRI ≥ 80

φ_V 2300 lm



φ_d 91% φ_t 9%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	10652	11651
L ₇₀	11518	16350
L ₆₅	12096	17434

UGR 26.8 25.9

X 4H Y 8H ρ 70/50/20 S 0.25H