

Order No.: 51FA207K450B | **GTIN (EAN):** 4058352419526

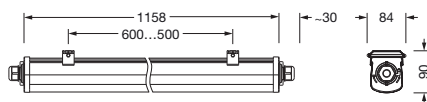
Product description: Mon31,diff,5100lm840,0/1,3x2.5²,1x1.5²



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: 5.100lm, luminous efficacy: 134lm/W, light colour: 840, colour temperature: 4000K, control gear: ON/OFF, with terminal, 3+1-pole, max. 2.5mm², through-wiring: 3x 2.5mm² + 1x 1.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 38W, housing, luminaire housing, of PC, light grey (RAL 7035), length: 1.158mm, 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):	1.2
GTIN (EAN):	4058352419526



Order No.: 51FA207K450B | **GTIN (EAN):** 4058352419526

Detailed technical description: Mon31,diff,5100lm840,0/1,3x2.5²,1x1.5²



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 31
- Order No.: 51FA207K450B

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: 5100lm
- Luminous efficacy: 134lm/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: 38W

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

Dimensions, Weight

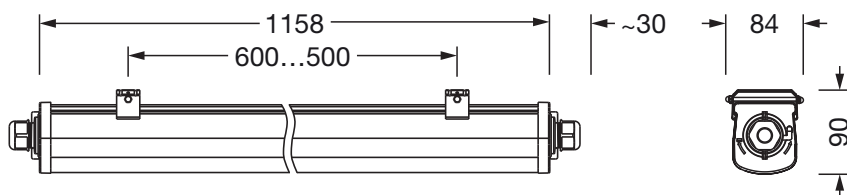
- Length: 1158mm
- Width: 68mm
- Height: 76mm
- Weight: 1.2kg

Service life

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

Order No.: 51FA207K450B | **GTIN (EAN):** 4058352419526

Dimensions: Mon31,diff,5100lm840,0/1,3x2.5²,1x1.5²



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

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 -

Order No.: 51FA207K450B | GTIN (EAN): 4058352419526

Planning data: Mon31,diff,5100lm840,0/1,3x2.5²,1x1.5²

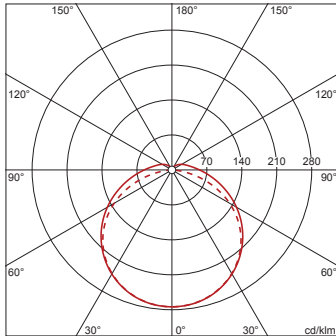
51FA207K450B: 1x LED

4058352419526

51FA207K450B

LED 4000 K | CRI ≥ 80

Φ_V 5100 lm



Φ_d 91% Φ_t 9%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	11078	12117
L ₇₀	11979	17004
L ₆₅	12580	18132

UGR 26.9 26

X 4H Y 8H ρ 70/50/20 S 0.25H