

Order No.: 51FA20DK450B | **GTIN (EAN):** 4058352419571

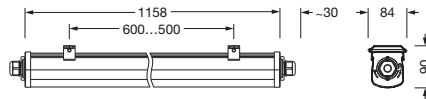
Product description: Mon31,diff,5100lm840,DA2,3x2.5²,3x1.5²



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: 5.100lm, luminous efficacy: 134lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG, 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: 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):	1.3
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Detailed technical description: Mon31,diff,5100lm840,DA2,3x2.5²,3x1.5²



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 31
- Order No.: 51FA20DK450B

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: 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 indoor use

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

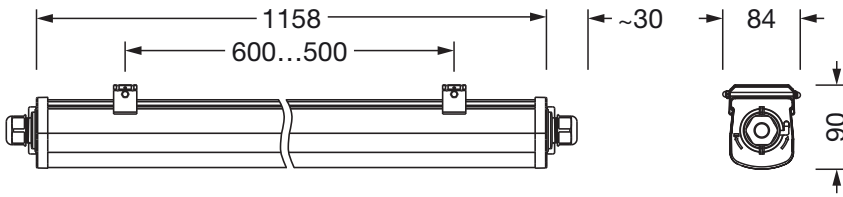
- Length: 1158mm
- Width: 68mm
- Height: 76mm
- Weight: 1.3kg

Service life

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

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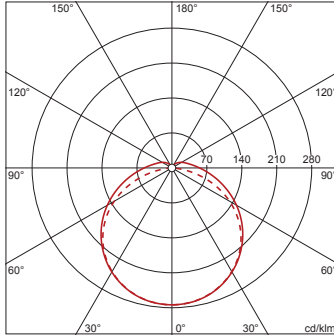
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51FA20DK450B: 1x LED

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51FA20DK450B

LED 4000 K | CRI ≥ 80 ϕ_{N} 5100 lm



ϕ_{\downarrow} 91% ϕ_{\uparrow} 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