

**Order No.:** 51FA20DK430B | **GTIN (EAN):** 4058352419564

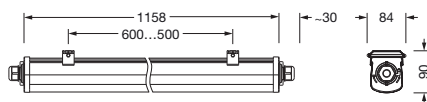
**Product description:** Mon31,diff,3000lm840,DA2,3x2.5<sup>2</sup>,3x1.5<sup>2</sup>



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: 3.000lm, luminous efficacy: 136lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI 2, with terminal, 5+1-pole, max. 2.5mm<sup>2</sup>, through-wiring: 3x 2.5mm<sup>2</sup> + 3x 1.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, rated input power: 22W, 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,3000lm840,DA2,3x2.5<sup>2</sup>,3x1.5<sup>2</sup>



## Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 31
- Order No.: 51FA20DK430B

## 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: 3000lm
- Luminous efficacy: 136lm/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: 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. 2.5mm<sup>2</sup>
- Nominal voltage: 220...240V, 50/60Hz, AC
- Through-wiring: 3x 2.5mm<sup>2</sup> + 3x 1.5mm<sup>2</sup>

## Dimensions, Weight

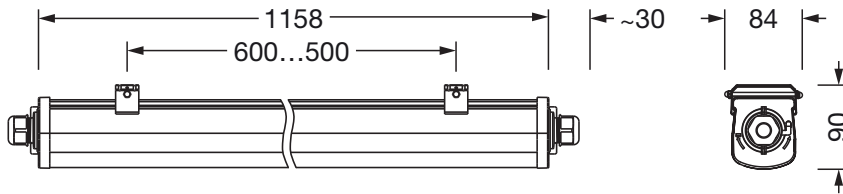
- Length: 1158mm
- Width: 68mm
- Height: 76mm
- Weight: 1.3kg

## Service life

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

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**Dimensions:** Mon31,diff,3000lm840,DA2,3x2.5<sup>2</sup>,3x1.5<sup>2</sup>



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://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 -

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Planning data: Mon31,diff,3000lm840,DA2,3x2.5²,3x1.5²

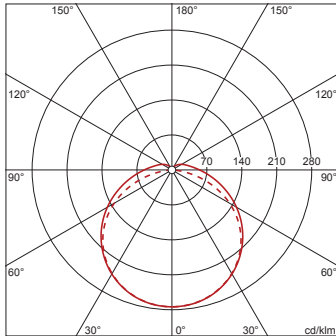
51FA20DK430B: 1x LED

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51FA20DK430B

LED 4000 K | CRI ≥ 80

φ<sub>N</sub> 3000 lm



φ<sub>d</sub> 91% φ<sub>t</sub> 9%

Luminance values (cd/m²)

|                 | C 0/180 | C 90/270 |
|-----------------|---------|----------|
| L <sub>80</sub> | 6517    | 7128     |
| L <sub>70</sub> | 7046    | 10003    |
| L <sub>65</sub> | 7400    | 10666    |

UGR 25 24.2

X 4H Y 8H ρ 70/50/20 S 0.25H