

Order No.: 51FA20DP430B | **GTIN (EAN):** 4058352419588

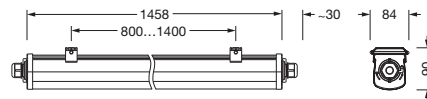
Product description: Mon31,diff,3800lm840,DA2,3x2.5²,3x1.5²



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: 3.800lm, luminous efficacy: 136lm/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: 28W, housing, luminaire housing, of PC, light grey (RAL 7035), length: 1.458mm, 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):	1.5
GTIN (EAN):	4058352419588



Order No.: 51FA20DP430B | **GTIN (EAN):** 4058352419588

Detailed technical description: Mon31,diff,3800lm840,DA2,3x2.5²,3x1.5²



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 31
- Order No.: 51FA20DP430B

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: 3800lm
- 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: 28W

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

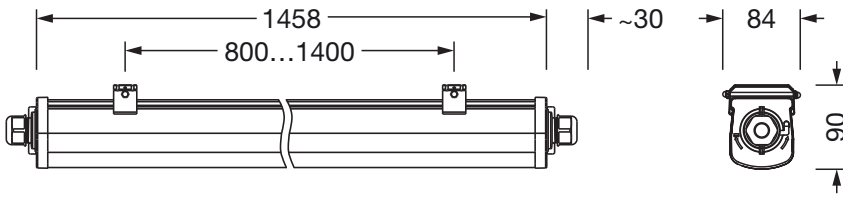
- Length: 1458mm
- Width: 68mm
- Height: 76mm
- Weight: 1.5kg

Service life

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

Order No.: 51FA20DP430B | GTIN (EAN): 4058352419588

Dimensions: Mon31,diff,3800lm840,DA2,3x2.5²,3x1.5²



Order No.: 51FA20DP430B | **GTIN (EAN):** 4058352419588

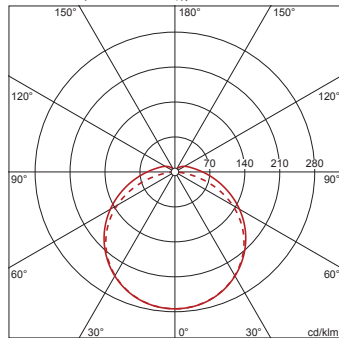
Planning data: Mon31,diff,3800lm840,DA2,3x2.5²,3x1.5²

51FA20DP430B: 1x LED

4058352419588

51FA20DP430B

LED 4000 K | CRI ≥ 80 $\phi_{\text{N}} 3800 \text{ lm}$



$\phi_{\downarrow} 91\%$ $\phi_{\uparrow} 9\%$

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	6523	7134
L ₇₀	7053	10012
L ₆₅	7407	10676

UGR 25 24.2

X 4H Y 8H ρ 70/50/20 S 0.25H