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Order No.: 51FP12MP480H | **GTIN (EAN):** 4058352376461
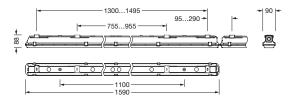**Product description:** Mon11,med,7990lm840,ML,PMMA

Monsun® 11, damp-proof luminaire, chain hanger, primary light control with lens, primary optical cover: enclosure, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, surface-mounted, horizontal mounting, vertical mounting, LED, rated luminous flux: 7.990lm, luminous efficacy: 176lm/W, light colour: 840, colour temperature: 4000K, control gear: ON/OFF Multilumen, with terminal, 3-pole, max. 2.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 45W, luminaire housing, of glass-fibre reinforced polyester, uncoated, bright grey, incl. chain hanger, length: 1.590mm, width: 90mm, height: 88mm, clip for enclosure, of stainless steel (V2A), ceiling mounting element, of stainless steel (V2A), chain hanger, of stainless steel (V2A), protection rating (complete): IP66, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, UKCA, protection symbol: D, impact resistance: IK04, permissible operating ambient temperature: -35..+40°C, standard: EN 50419, EN 60598-2-1, no direct snow, no direct sun, no direct rain, for indoor or canopied outdoor use, 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, LABS conformity tested according to VDMA 24364:2018-05, packaging unit: 1 piece

IP 66

Lamps:	LED
Wt. (kg):	2.5
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Order No.: 51FP12MP480H | **GTIN (EAN):** 4058352376461
Detailed technical description: Mon11,med,7990lm840,ML,PMMA

Key data
— Product type: damp-proof luminaire
— Product name: Monsun® 11
— Order No.: 51FP12MP480H

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
— Light control: lens
— Cover: enclosure
— Beam angle: medium distribution
— Symmetry: symmetric
— Light emission: direct distribution

Lamps:
— Lamps: with LED
— Rated luminous flux: 7990lm
— Luminous efficacy: 176lm/W
— Colour temperature: 4000K
— Colour rendering index: CRI > 80
— Light colour: 840
— SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
— Rated input power: 45W
— Supplement: internal wiring halogen-free, without flicker

Operating device:
— Control: ON/OFF Multilumen

Certificates, Standards
— Protection rating: IP66
— Insulation class: insulation class I (protective earthing)
— Impact resistance: IK04
— Protection symbol: D
— Temperature range (operation): -35..+40°C
— Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, for indoor or canopied outdoor use, no direct snow, no direct sun, no direct rain, LABS conformity tested according to VDMA 24364:2018-05, contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity
— Standard: EN 50419, EN 60598-2-1
— Certification, designation: CE, ENEC, VDE, UKCA

Material, Colour
— luminaire housing: glass-fibre reinforced polyester, uncoated, bright grey, incl. chain hanger
— Colour specification: bright grey
— clip for enclosure: stainless steel (V2A)
— Quantity: 10 piece
— ceiling mounting element: stainless steel (V2A), ceiling mounting included
— Quantity: 2 piece
— chain hanger: stainless steel (V2A)
— Quantity: 2 piece
— Cover: enclosure of PMMA

Mounting
— Mounting method, mounting location: suspended mounting, surface-mounted, horizontal mounting, vertical mounting, to the ceiling, to the wall, to the Licross® mounting rail
— Arrangement: single/continuous arrangement
— Supplement: luminaire includes fixing accessories for ceiling surface mounting; for other types of installation: please order mounting accessories separately

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Detailed technical description: Mon11,med,7990lm840,ML,PMMA

Electrical connection
— Connection: terminal, 3-pole, max. 2.5mm²
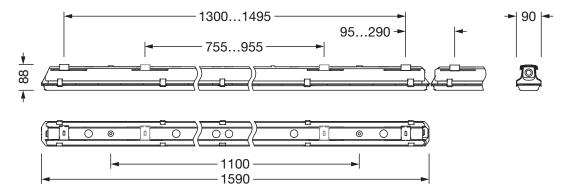— Nominal voltage: 220..240V, 50/60Hz, AC

Dimensions, Weight
— Length: 1590mm
— Width: 90mm
— Height: 88mm
— Weight: 2.5kg

Service life
— Rated service life: 50000h (L90/B50) at AT = 25°C, 70000h (L80/B50) at AT = 35°C

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 -

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Order No.: 51FP12MP480H | **GTIN (EAN):** 4058352376461
Dimensions: Mon11,med,7990lm840,ML,PMMA

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Order No.: 51FP12MP480H | **GTIN (EAN):** 4058352376461
Planning data: Mon11,med,7990lm840,ML,PMMA

51FP12MP480H: 1x LED

4058352376461
51FP12MP480H
LED 4000 K | CRI ≥ 80 ϕ_N 7990 lm

$\phi_\downarrow$ 97% $\phi_\uparrow$ 3%

Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	4212	4891
L_{70}	5608	7004
L_{65}	6397	7938
UGR	22	21.6

X 4H Y 8H ρ 70/50/20 S 0.25H