

Order No.: 51FP109P440H | GTIN (EAN): 4058352392904

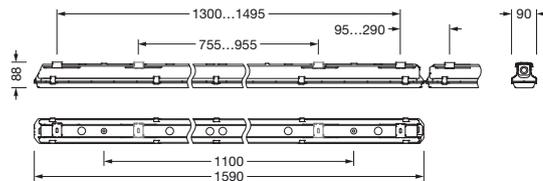
Product description: Mon11,wd,4120lm840,O/O,CLOi,PMMA



Monsun® 11, damp-proof luminaire, chain hanger, 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: 4.120lm, luminous efficacy: 180lm/W, light colour: 840, colour temperature: 4000K, control gear: ON/OFF, CLOi, with terminal, 3-pole, max. 2.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 23W, end of service life: 25W, 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



Lamps: LED  
 Wt. (kg): 2.5  
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Detailed technical description: Mon11,wd,4120lm840,O/O,CLOi,PMMA



#### Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 11
- Order No.: 51FP109P440H

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Cover: enclosure
- Beam angle: wide distribution
- Symmetry: symmetric
- Light emission: direct distribution

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 4120lm
- Luminous efficacy: 180lm/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 begin service life: 23
- Rated input power end service life: 25
- Supplement: internal wiring halogen-free, without flicker

#### Operating device:

- Control gear: ECG
- Control: ON/OFF, CLOi

#### 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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#### Electrical connection

- Connection: terminal, 3-pole, max. 2.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC

#### Dimensions, Weight

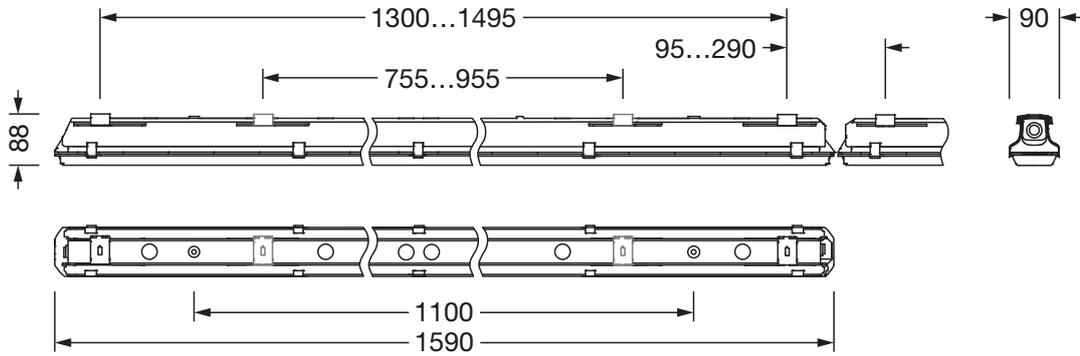
- Length: 1590mm
- Width: 90mm
- Height: 88mm
- Weight: 2.5kg

#### Service life

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

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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.de](http://www.siteco.de))  
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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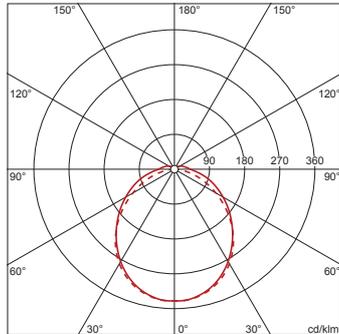
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## 51FP109P440H: 1x LED

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51FP109P440H

LED 4000 K | CRI ≥ 80  $\phi_N$  4120 lm



$\phi_{\downarrow}$  94%  $\phi_{\uparrow}$  6%

Luminance values (cd/m<sup>2</sup>)

	C 0/180	C 90/270
L <sub>80</sub>	4922	4289
L <sub>70</sub>	5481	5970
L <sub>65</sub>	5741	6579

UGR 23.7 22.3

X 4H Y 8H  $\rho$  70/50/20 S 0.25H