

Order No.: 51FP107P4B0Q | GTIN (EAN): 4058352376294

Product description: Mon12,wd,12070lm840,0/1,PMMA



Monsun® 12, 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: 12.070 lm, light colour: 840, colour temperature: 4000K, control gear: ECG, with terminal, 3-pole, max. 2.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 66W, luminaire housing, of glass-fibre reinforced polyester, uncoated, bright grey, length: 1.590 mm, width: 90 mm, 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, protection symbol: D, impact resistance: IK04, permissible ambient temperature for indoor applications: -35..+35°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, for animal farming (ammonia tested): for use in cowhouse, pig house, horse-stables... (not for use in poultry stables), AT max for animal farming = 40°C, packaging unit: 1 piece



Lamps: LED
 Wt. (kg): 2.5
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Detailed technical description: Mon12,wd,12070lm840,0/1,PMMA



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 12
- Order No.: 51FP107P4B0Q

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

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

Lamps:

- Lamps: with LED
- Rated luminous flux: 12070lm
- Luminous efficacy: 182lm/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: 66W
- Supplement: halogen-free wiring, without flicker

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK04
- Protection symbol: D
- Temperature range (operation): -35..+35°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, for animal farming (ammonia tested): for use in cowhouse, pig house, horse-stables... (not for use in poultry stables), AT max for animal farming = 40°C
- Standard: EN 50419, EN 60598-2-1
- Certification, designation: CE, ENEC, VDE

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

Electrical connection

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

Dimensions, Weight

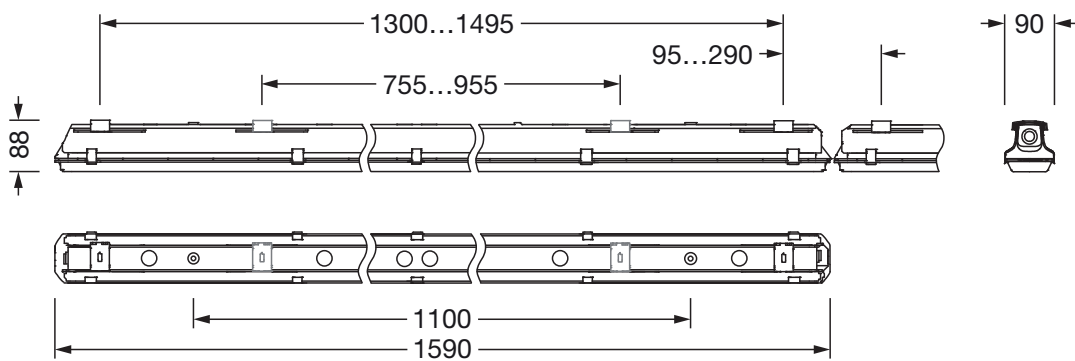
- Length: 1590mm
- Width: 90mm
- Height: 88mm
- Weight: 2.5kg

Service life

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

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Dimensions: Mon12,wd,12070lm840,0/1,PMMA



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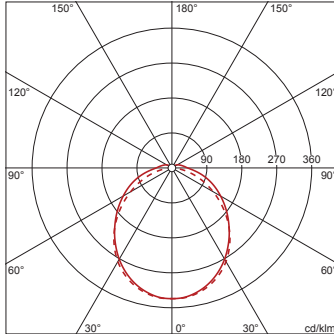
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51FP107P4B0Q: 1x LED

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LED 4000 K | CRI \geq 80 ϕ_{N} 12070 lm



ϕ_{\downarrow} 94% ϕ_{\uparrow} 6%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	14601	13061
L ₇₀	16336	17736
L ₆₅	17074	19430

UGR 27.5 26.1

X 4H Y 8H ρ 70/50/20 S 0.25H