

Product description: Mon21,wd,8100lm840,ML,PMMA







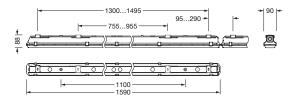


Monsun® 21, damp-proof luminaire, chain hanger, primary light control with lens, primary optical cover: enclosure, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, surface-mounted, horizontal mounting, vertical mounting, LED, rated luminous flux: 8.100lm, luminous efficacy: 151lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG, with terminal, 3-pole, max. 2.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, rated input power: 54W, 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: -25..+35°C, standard: EN 50419, EN 60598-2-1, 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, 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

GTIN (EAN): 4058352520116





# Detailed technical description: Mon21,wd,8100lm840,ML,PMMA



#### Key data

- Product type: damp-proof luminaire
- Product name: Monsun<sup>®</sup> 21
- Order No.: 51FB12MP480B

# Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

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

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 8100lm
- Luminous efficacy: 151lm/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: 54W
- Supplement: halogen-free wiring, without flicker

#### Operating device:

- Control gear: ECG
- 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): -25..+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, 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

- 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, surfacemounted, 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.
2.5mm²

Nominal voltage: 220..240V, 50/60Hz,

### **Dimensions, Weight**

Length: 1590mmWidth: 90mmHeight: 88mmWeight: 2.5kg

#### Service life

 Rated service life: 50000h (L85/B50) at AT = 35°C



Dimensions: Mon21,wd,8100lm840,ML,PMMA

