

**Order No.:** 51FG20DP440BHQ | **GTIN (EAN):** 4058352583142

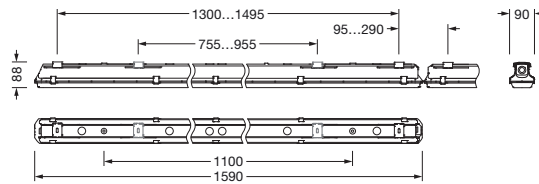
**Product description:** Mon21 pa,diff,4810lm840,DA2,PC



Monsun® 21 parking, damp-proof luminaire, chain hanger, primary optical cover: enclosure, of PC, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, surface-mounted, horizontal mounting, vertical mounting, LED, rated luminous flux: 4.810lm, luminous efficacy: 140lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG DALI, with terminal, 5-pole, max. 2.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, rated input power: 34W, 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), multi-sensor HC1, local control/central control, scope of services: certified according to part 101,103,303,304, dimmable, protection rating (complete): IP66, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, UKCA, protection symbol: D, impact resistance: IK08, 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): 2.7  
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**Detailed technical description:** Mon21pa,diff,4810lm840,DA2,PC



### Key data

- Product type: damp-proof luminaire
- Product name: Monsun® 21 parking
- Order No.: 51FG20DP440BHQ

### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

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

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 4810lm
- Luminous efficacy: 140lm/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: 34W
- Supplement: halogen-free wiring, without flicker

#### Operating device:

- Control gear: ECG DALI
- Control: DALI 2, dimmable

### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08
- 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 PC

### Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted, horizontal mounting, vertical mounting, to the ceiling, to the wall, to the Licross® mounting rail
- Mounting height: 2..3m
- Arrangement: single/continuous arrangement
- Supplement: luminaire includes fixing accessories for ceiling surface mounting; for other types of installation: please order mounting accessories separately

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 17.11.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -

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#### Electrical connection

- Connection: terminal, 5-pole, max. 2.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC

#### Dimensions, Weight

- Length: 1590mm
- Width: 90mm
- Height: 88mm
- Weight: 2.7kg

#### Service life

- Rated service life: 50000h (L85/B50) at AT = 35°C, 50000h (L90/B50) at AT = 25°C

#### Inputs

##### 1x HF movement sensor

- Connection: HF sensor
- Detection angle: 360°
- Detection range: tangential/radial: r= 8m
- Detection range: r= 8m
- Illuminance: 20..800lx
- Feature: sensor parameters are modifiable with optional commissioning remote control

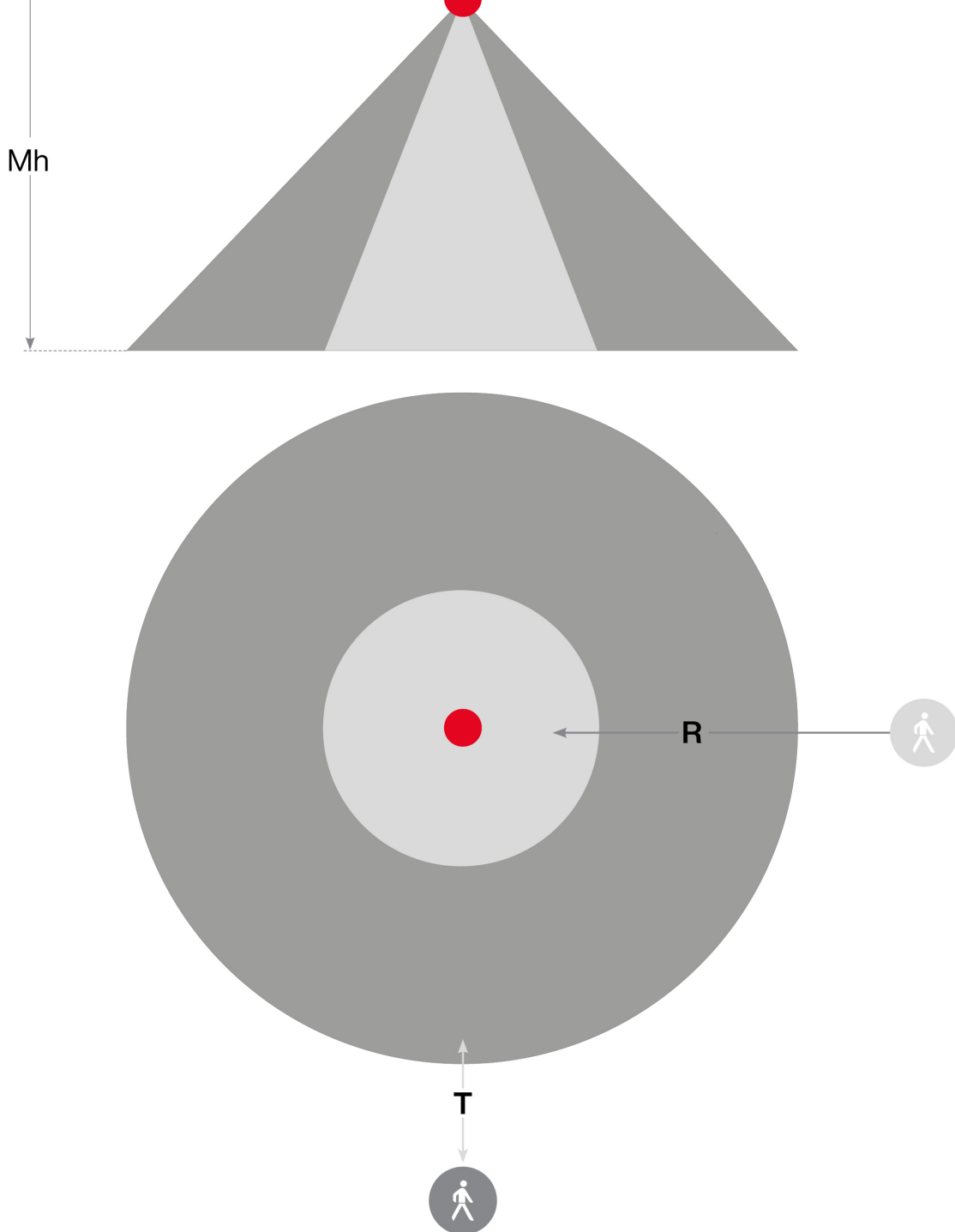
##### 1x light sensor

- Feature: With local dimmable control, motion sensor is activated and light sensor is deactivated, With central control (DALI2), motion and light sensor are activated

#### Outputs

##### 1x DALI-2

- System current: DALI current 2mA



## Sensor HC1

Mh	R	T
3m (default)	∅ = 12m	∅ = 14m
3m	∅ = 4...24m	∅ = 4...30m

Richtwert: Reichweite abhängig von örtlichen Gegebenheiten  
 Guide value: range depending on local conditions