

**Order No.:** 5XC1C51E08CE | **GTIN (EAN):** 4058352583456

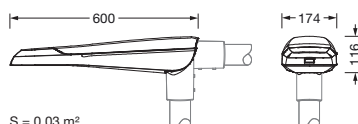
**Product description:** SL11iQmc,P1.0a,1600lm730,Comf



Streetlight SL 11 iQ micro, mast luminaire, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of PMMA, transparent, light distribution: P1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, lamps: LED, High Power LED, rated values: 1.600lm | 10,8W | 148,1lm/W (begin service life); end service life: 1.600lm | 11,1W; at 50% lumin. flux: 800lm | 6W | 133,3lm/W, colour temperature: 3000K, colour rendering: CRI > 70, light colour: 730, light setting 1 begin service life: 100% | 1.600lm | 10,8W | 148,1lm/W | 3.000K, light setting 1 end service life: 11,1W, further light settings possible, control: optimised constant luminous flux control (CLO 2.0), Desk-Remote (wireless, voltage-free reading and setting of iQ features in the workshop via application-optimized NFC function/RFID function), Light-Fading, Smart-Wire, Night-Set, Lumen-Switch, Temp-Guard, Auto-Match, with cable H07RN-F 5x 1.5mm<sup>2</sup>, mains connection: 230..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 5,5m, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, inclination adjustable without tools: 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15° (side-entry), sealing non-destructively replaceable, multi-level sealing system, length: 600mm, width: 174mm, height: 116mm, mast flange for spigot size: 42mm (side-entry): 5XC10008XM4, 60/48mm (side-entry/post-top): 5XC10108XM2, 76/60mm (side-entry/post-top): 5XC10108XM1, equipment: standard, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, ENEC+, VDE, impact resistance: IK10, permissible operating ambient temperature for outdoor applications: -25..+50°C, standard-compliant lighting for roads and squares, Environmental Product Declaration (EPD) tested and certified by an independent institute, packaging unit: 1 piece



Lamps: LED  
Wt. (kg): 5.2  
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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.com](http://www.siteco.com))

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

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**Detailed technical description:** SL11iQmc,P1.0a,1600lm730,Comf



## Key data

- Product type: mast luminaire
- Product name: Streetlight SL 11 iQ micro
- Order No.: 5XC1C51E08CE

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: 3 zone faceted reflector of plastic, silver coated, highly specular
- Cover: cover, transparent
- Light distribution: P1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated values: 1600lm | 10.8W | 148.1lm/W (begin service life); end service life: 1600lm | 11.1W; at 50% lumin. flux: 800lm | 6W | 133.3lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)

#### Factory light settings (LS):

- begin service life:  
LS 1: 100% | 1600lm | 10.8W | 148.1lm/W | 3000K
- end service life:  
LS 1: 11.1W
- further light settings possible

#### Operating device:

- Control: iQ-Comfort
- Equipment: optimised constant luminous flux control (CLO 2.0), Desk-Remote (wireless, voltage-free reading and setting of iQ features in the workshop via application-optimized NFC function/RFID function), Light-Fading, Smart-Wire, Night-Set, Lumen-Switch, Temp-Guard, Auto-Match

## Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK10
- Temperature range (operation): -25...+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, ENEC+, VDE
- EPD: Environmental Product Declaration (EPD) tested and certified by an independent institute

## Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, inclination adjustable without tools: 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15° (side-entry), sealing non-destructively replaceable, multi-level sealing system
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of PMMA

## Mounting

- Mounting method, mounting location: side-entry, post-top, on mast

## Electrical connection

- Connection: cable H07RN-F 5x 1.5mm<sup>2</sup>
- Nominal voltage: 230...240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)
- Connection cable: pre-assembled, L= 5.5m

## Dimensions, Weight

- Length: 600mm
- Width: 174mm
- Height: 116mm
- Weight: 5.2kg
- Mast spigot: mast flange for spigot size: 42mm (side-entry): 5XC10008XM4, 60/48mm (side-entry/post-top): 5XC10108XM2, 76/60mm (side-entry/post-top): 5XC10108XM1

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))

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**Light emission**

- Light emission: 0% at 0° inclination

**Service life**

- Rated service life: 100000h (L98/B10)  
at AT = 25°C

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