

Order No.: 5XC2H51E08HE | GTIN (EAN): 4058352583999

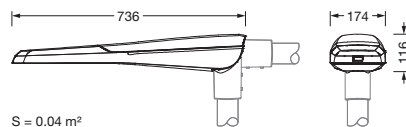
Product description: SL11iQmn,ST0.5ST0.5,8410lm730,Comf



Streetlight SL 11 iQ mini, 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: ST0.5ST0.5, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, LED, High Power LED, rated luminous flux: 8.410lm, luminous efficacy: 144lm/W, light colour: 730, colour temperature: 3000K, 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: 8,5m, start of lifetime: 59W, end of service life: 61W, reduction: 28W, 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: 736mm, 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: Power, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, 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): 6.8  
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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

Issued 22.03.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: SL11iQmn,ST0.5ST0.5,8410lm730,Comf



### Key data

- Product type: mast luminaire
- Product name: Streetlight SL 11 iQ mini
- Order No.: 5XC2H51E08HE

### 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: ST0.5ST0.5
- Beam angle: wide distribution with rear light component
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 8410lm
- Luminous efficacy: 144lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 59
- Rated input power end service life: 61
- Rated input power at 50% lumin. flux: 28

#### 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: IK09
- Temperature range (operation): -25..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, 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= 8.5m

### Dimensions, Weight

- Length: 736mm
- Width: 174mm
- Height: 116mm
- Weight: 6.8kg
- 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**

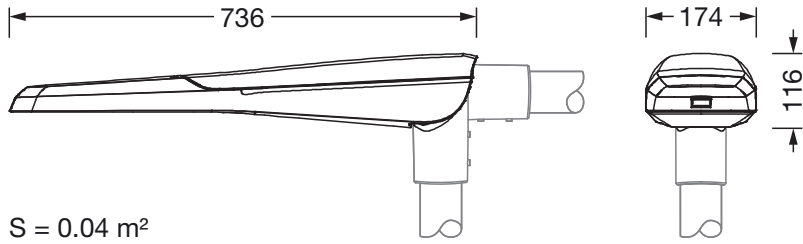
- Light emission: 0% at 0° inclination

**Service life**

- Rated service life: 100000h (L96/B10)  
at AT = 25°C

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S = 0.04 m<sup>2</sup>