

Order No.: 5XC2B41E08FE | GTIN (EAN): 4058352583531 Product description: SL11iQmn,ST0.5a,6810lm740,Comf



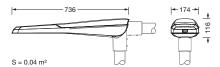


Streetlight SL 11 iQ mini, mast luminaire, primary light control with 3 zone facetted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of PMMA, transparent, light distribution: ST0.5a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, lamps: LED, High Power LED, rated values: 6.810lm | 46,3W | 147,1lm/W (begin service life); end service life: 6.810lm | 48,2W; at 50% lumin. flux: 3.405lm | 21,7W | 156,9lm/W, colour temperature: 4000K, colour rendering: CRI > 70, light colour: 740, light setting 1 begin service life: 100% | 6.810 Im | 46,3 W | 147,1 Im/W | 4.000 K, light setting 1 end service life: 48,2W, 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: 6,5m, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grev (DB 702S), please order mast flange separately, inclination adjustable without tools: 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15° (side-entry), sealing nondestructively 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: ECO, 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): 6.6

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# Detailed technical description: SL11iQmn,ST0.5a,6810lm740,Comf



#### Key data

- Product type: mast luminaire
- Product name: Streetlight SL 11 iQ mini
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# Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Light control: 3 zone facetted reflector of plastic, silver coated, highly specular
- Cover: cover, transparent
- Light distribution: ST0.5a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated values: 6810lm | 46.3W | 147.1lm/W (begin service life); end service life: 6810lm | 48.2W; at 50% lumin. flux: 3405lm | 21.7W | 156.9lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)

#### Factory light settings (LS):

- begin service life:
  - LS 1: 100% | 6810lm | 46.3W | 147.1lm/W | 4000K
- end service life:
  - LS 1: 48.2W
- 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, multilevel 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 1.5mm²
- Nominal voltage: 230..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)
- Connection cable: pre-assembled, L= 6.5m

#### **Dimensions, Weight**

- Length: 736mmWidth: 174mmHeight: 116mmWeight: 6.6kg
- 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



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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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