

Order No.: 5XA5275CF14H | GTIN (EAN): 4058352835197

Product description: CL-PliQ,C120007,2840lm722,SR



City-Light Plus iQ, mast luminaire, Module 540 iQ-SR, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, structured, primary optical cover: cover, of PMMA, transparent, light distribution: C120007, primary beam angle: wide distribution, light emission: direct distribution, primary light characteristic: symmetric, installation type: post-top, lamps: LED, rated values: 2.840lm | 23,9W | 118,8lm/W (begin service life); end service life: 2.840lm | 25,5W; at 50% lumin. flux: 1.420lm | 11,5W | 123,5lm/W, colour temperature: 2200K, colour rendering: CRI > 70, light colour: 722, light setting 1 (further light settings possible): 100% | 2.840lm | 23,9W | 118,8lm/W | 2.200K (begin service life); end service life: 25,5W, control gear: iQ Street-Remote, control: pre-setting: logarithmic dimming characteristic, Street-Remote, Auto-Match, Temp-Guard, Lumen-Switch, Night-Set, Smart-Wire, Light-Fading, Desk-Remote (wireless, voltage-free reading and setting of iQ features in the workshop via application-optimized NFC function/RFID function), optimised constant luminous flux control (CLO 2.0), mains connection: 220..240V, AC, 50/60Hz, surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode), electrical connection: terminal, 6-pole, max. 2.5mm², solid wire, fine wire, luminaire housing, upper part, of glass-fibre reinforced polyester, coated, SITECO metallic grey (DB 702S), diameter: 750mm, height: 590mm, spigot size: d x l = 76 x 70mm (post-top) | with reducer (optional accessory) 60 x 70mm, post-top mast mounting element, of diecast aluminium, coated, SITECO metallic grey (DB 702S), Module 540 iQ-SR, matt traffic white (RAL 9016), equipment: standard, protection rating (complete): IP65, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, packaging unit: 1 piece



Lamps: LED
 Wt. (kg): 11.0
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Detailed technical description: CL-PlIQ,C120007,2840lm722,SR



Key data

- Product type: mast luminaire
- Product name: City-Light Plus iQ
- Order No.: 5XA5275CF14H

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: C120007
- Beam angle: wide distribution
- Symmetry: symmetric distribution
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Rated values: 2840lm | 23.9W | 118.8lm/W (begin service life); end service life: 2840lm | 25.5W; at 50% lumin. flux: 1420lm | 11.5W | 123.5lm/W
- Colour temperature: 2200K
- Colour rendering index: CRI > 70
- Light colour: 722
- SDCM (Standard Deviation of Colour Matching): MacAdam \leq 5 SDCM (initial)

Factory light settings (LS):

- begin service life:
LS 1: 100% | 2840lm | 23.9W | 118.8lm/W | 2200K
- end service life:
LS 1: 25.5W
- further light settings possible

Operating device:

- Control gear: ECG iQ
- Control: iQ Street-Remote
- 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, Street-Remote, pre-setting: logarithmic dimming characteristic

Certificates, Standards

- Protection rating: IP65
- Insulation class: insulation class II (safety insulation)
- Certification, designation: CE, ENEC, VDE

Material, Colour

- luminaire housing, upper part: glass-fibre reinforced polyester, coated, SITECO metallic grey (DB 702S)
- post-top mast mounting element: diecast aluminium, coated, SITECO metallic grey (DB 702S)
- Module 540 iQ-SR: matt traffic white (RAL 9016)
- Cover: cover of PMMA

Mounting

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

Electrical connection

- Connection: terminal, 6-pole, max. 2.5mm², solid wire, fine wire
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

Dimensions, Weight

- Diameter: 750mm
- Height: 590mm
- Weight: 11.0kg
- Mast spigot: spigot size: d x l = 76 x 70mm (post-top) | with reducer (optional accessory) 60 x 70mm

Light emission

- Light emission: < 3%

Service life

- Rated service life: 100000h at AT = 25°C

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