

**Order No.:** 5XF1E42D08DA | **GTIN (EAN):** 4058352465998

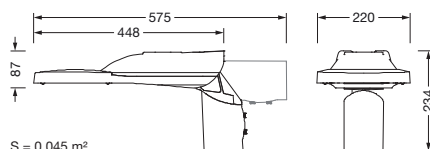
**Product description:** SL31mc,ST1.0a,5250lm740,Plus



Streetlight SL 31 micro, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, LED, High Power LED, rated luminous flux: 5.250lm, luminous efficacy: 150lm/W, light colour: 740, colour temperature: 4000K, control gear: ECG Plus, control: overheat protection, power reduction, digital communication interface, time-dependent luminous flux control, flexible luminous flux parameterisation, electronic power reduction, mains connection: 220..240V, AC, 50/60Hz, rated input power: 35W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 448mm, width: 220mm, height: 87mm, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, ENEC+, VDE, impact resistance: IK08, permissible operating ambient temperature for outdoor applications: -40..+50°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps:	LED
Wt. (kg):	3.6
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**Detailed technical description:** SL31mc,ST1.0a,5250lm740,Plus



## Key data

- Product type: mast luminaire
- Product name: Streetlight SL 31 micro
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## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: ST1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 5250lm
- Luminous efficacy: 150lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power: 35W

#### Operating device:

- Control gear: ECG Plus
- Control: Plus
- Equipment: overheat protection, power reduction, digital communication interface, time-dependent luminous flux control, flexible luminous flux parameterisation
- Switching method: electronic power reduction

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- Temperature range (operation): -40...+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, ENEC+, VDE

## Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), inclination adjustable: 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15°, -20° (side-entry)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass

## Mounting

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

## Electrical connection

- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50µs

## Dimensions, Weight

- Length: 448mm
- Width: 220mm
- Height: 87mm
- Weight: 3.6kg

## Light emission

- Light emission: 0% at 0° inclination

## Service life

- Rated service life: 100000h (L90) at AT = 25°C

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