

Order No.: 5XF5E32N08SA | **GTIN (EAN):** 4058352499580

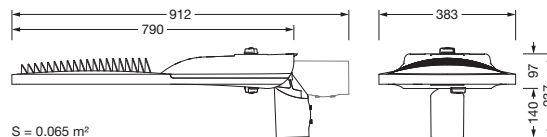
Product description: SL31mg,ST1.0a,39200lm730,Nema



Streetlight SL 31 mega, 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: 39.200lm, luminous efficacy: 143lm/W, light colour: 730, colour temperature: 3000K, control gear: ECG Plus, control: flexible luminous flux parameterisation, time-dependent luminous flux control, digital communication interface, power reduction, overheat protection, mains connection: 220..240V, AC, 50/60Hz, rated input power: 275W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 790mm, width: 383mm, height: 97mm, 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):	12.5
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Detailed technical description: SL31mg,ST1.0a,39200lm730,Nema



Key data

- Product type: mast luminaire
- Product name: Streetlight SL 31 mega
- Order No.: 5XF5E32N08SA

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: 39200lm
- Luminous efficacy: 143lm/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: 275W

Operating device:

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

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: 790mm
- Width: 383mm
- Height: 97mm
- Weight: 12.5kg

Light emission

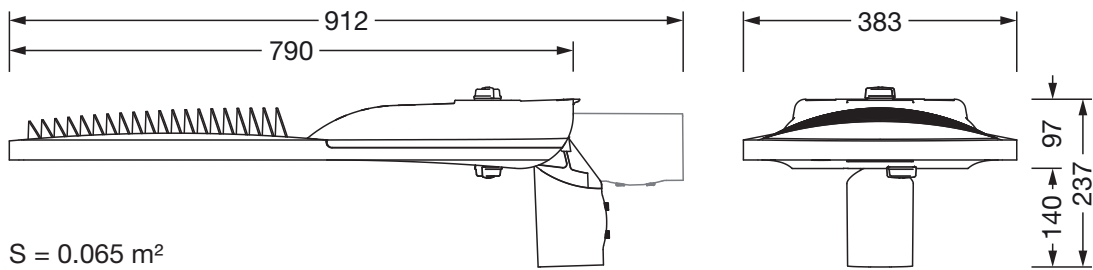
- Light emission: 0% at 0° inclination

Service life

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

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S = 0.065 m²