

Order No.: 5XH3D31R08LA | GTIN (EAN): 4069025095107

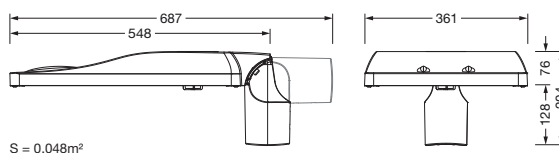
Product description: SL31md,S100003,13170lm730,D4iDRZb



Streetlight SL 31 midi, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: S100003, primary beam angle: wide distribution, light emission: direct distribution, primary light characteristic: asymmetric, 0% light immission, installation type: post-top, side-entry, lamps: LED, rated values: 13.170lm | 86,5W | 152,3lm/W (begin service life); end service life: 13.170lm | 90W; at 50% lumin. flux: 6.587lm | 39,6W | 166,3lm/W, colour temperature: 3000K, colour rendering: CRI > 70, light colour: 730, light setting 1 (further light settings possible): 100% | 13.170lm | 86,5W | 152,3lm/W | 3.000K (begin service life); end service life: 90W, control gear: D4i, Desk-Remote, control: pre-setting: logarithmic dimming characteristic, flexible luminous flux parameterisation, time-dependent luminous flux control, constant luminous flux control, power reduction, intelligent temperature release in ECG and LED module, overheat protection, mains connection: 220..240V, AC, 50/60Hz, surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode), connection cable: pre-assembled, cable length: 10,5m, wiring characteristics: H07RN-F, 2X 1,5mm<sup>2</sup>, configuration: L/N, luminaire housing, of diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), corrosivity category C5 high according to DIN EN ISO 12944, no sealing on luminaire upper side, inclination: -15°..+20° (post-top) | -20°..+20° (side-entry), adjustable in 5° steps, multi-level sealing system, sealing non-destructively replaceable, mast flange for spigot size: 60/48mm (side-entry/post-top): 5XH10108XM2, 76/32mm (side-entry/post-top): 5XH10108XM3, mast flange, of diecast aluminium, coated, SITECO metallic grey (DB 702S), Smart Interface below: Zhaga, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, ENEC+, VDE, UKCA, ZD4i, impact resistance: IK09, 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): 9.3  
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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

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**Detailed technical description:** SL31md,S100003,13170lm730,D4iDRZb



## Key data

- Product type: mast luminaire
- Product name: Streetlight SL 31 midi
- Order No.: 5XH3D31R08LA

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: S100003
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with LED
- Rated values: 13170lm | 86.5W | 152.3lm/W (begin service life); end service life: 13170lm | 90W; at 50% lumin. flux: 6587lm | 39.6W | 166.3lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730

#### Factory light settings (LS):

- begin service life:  
LS 1: 100% | 13170lm | 86.5W | 152.3lm/W | 3000K
- end service life:  
LS 1: 90W
- further light settings possible

#### Operating device:

- Control: D4i, Desk-Remote
- Smart Interface below: Zhaga
- Equipment: overheat protection, power reduction, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, intelligent temperature release in ECG and LED module, pre-setting: logarithmic dimming characteristic

## Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -40...+50°C
- Supplement: standard-compliant lighting for roads and squares
- Corrosion protection: corrosivity category C5 high according to DIN EN ISO 12944
- Certification, designation: CE, ENEC, ENEC+, VDE, UKCA, ZD4i

## Material, Colour

- luminaire housing: diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), sealing non-destructively replaceable, multi-level sealing system, inclination: -15°...+20° (post-top) | -20°...+20° (side-entry), adjustable in 5° steps, no sealing on luminaire upper side
- mast flange: diecast aluminium, coated, SITECO metallic grey (DB 702S), mast flange included unmounted
- Cover: cover of toughened safety glass

## Mounting

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

## Electrical connection

- Connection cable: pre-assembled, L=10.5m, H07RN-F, 2X 1.5mm², L/N
- Nominal voltage: 220...240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

## Dimensions, Weight

- Weight: 9.3kg
- Mast spigot: mast flange for spigot size: 60/48mm (side-entry/post-top): 5XH10108XM2, 76/32mm (side-entry/post-top): 5XH10108XM3

## Light emission

- Light emission: 0% at 0° inclination

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**Service life**

- Rated service life: 100000h (L97/B10)  
at AT = 25°C

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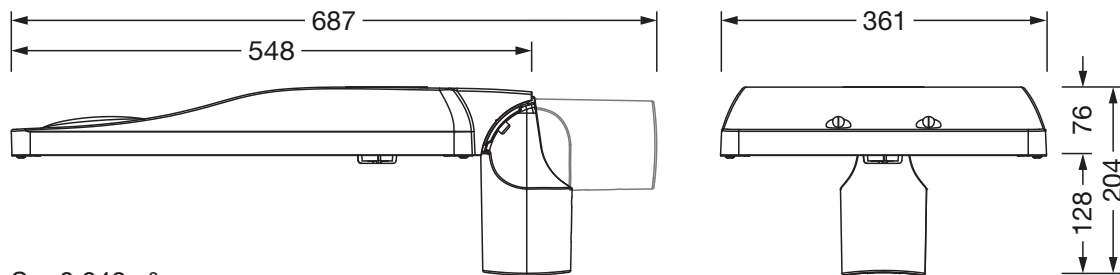
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Siteco GmbH • Georg-Simon-Ohm-Str. 50 • 83301 Traunreut, Germany • Tel +49(8669)33-0 • Fax +49(8669)33-397 • eMail [info@siteco.de](mailto:info@siteco.de) • Internet [www.siteco.com](http://www.siteco.com)

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$S = 0.048\text{m}^2$

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