

Order No.: 5XH7D3BN08QA | GTIN (EAN): 4069025099761

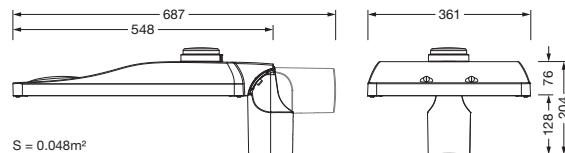
Product description: SL31md,ST1.0a,24030lm730,NEMA7,Sla



Streetlight SL 31 midi NEMA (7pin) mast luminaire for post-top, side-entry; light control with lens of PMMA; light distribution: ST1.0a, direct asymmetric distribution, for standard-compliant lighting for roads and squares; LED: luminous flux: 24.030lm, light colour: 730, colour temperature: 3000K; luminous efficacy: 148,8lm/W; control: pre-setting: linear dimming characteristic, flexible luminous flux parameterisation, time-dependent luminous flux control, constant luminous flux control, intelligent temperature release in ECG and LED module, overheat protection; luminaire housing, of diecast aluminium, SITECO metallic grey (DB 702S), corrosivity category C5 high according to DIN EN ISO 12944; cover of toughened safety glass, transparent, opened without tools; mast flange of diecast aluminium, SITECO metallic grey (DB 702S), spigot size: 76/60mm, mast flange included unmounted; cable length: 14,5m, connection cable pre-assembled; mains connection: 220..240V, AC, 50/60Hz; power consumption (at start of service life): 161,5W / (at end of service life): 175,9W / (with reduced operation 50%): 72,6W; protection rating (complete): IP66; insulation class (complete): insulation class I (protective earthing); impact resistance: IK10; certification: CE, ENEC, ENEC+, VDE, UKCA; permissible operating ambient temperature for outdoor applications: -40..+50°C; packaging unit: 1 piece



Lamps: LED  
Wt. (kg): 10.6  
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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.de](http://www.siteco.de))  
Tolerances related to thermal, electrical and photometric data according to IEC 62722  
Issued 01.11.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

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**Detailed technical description: SL31md,ST1.0a,24030lm730,NEMA7,Sla**



#### Key data

- Product type: mast luminaire
- Product name: Streetlight SL 31 midi
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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: 24030lm
- Luminous efficacy: 149lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- Rated input power begin service life: 162
- Rated input power end service life: 176
- Rated input power at 50% lumin. flux: 73

###### Operating device:

- Control: NEMA (7pin), Smart Interface above
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, intelligent temperature release in ECG and LED module, pre-setting: linear dimming characteristic

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK10
- 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

#### 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
- Colour specification: SITECO metallic grey (DB 702S)
- mast flange: diecast aluminium, coated, SITECO metallic grey (DB 702S), mast flange included unmounted
- 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: surge voltage resistance: 10kV (common mode); 6kV (differential mode)
- Connection cable: pre-assembled, L= 14.5m

#### Dimensions, Weight

- Weight: 10.6kg
- Mast spigot: spigot size: 76/60mm

#### Light emission

- Light emission: 0% at 0° inclination

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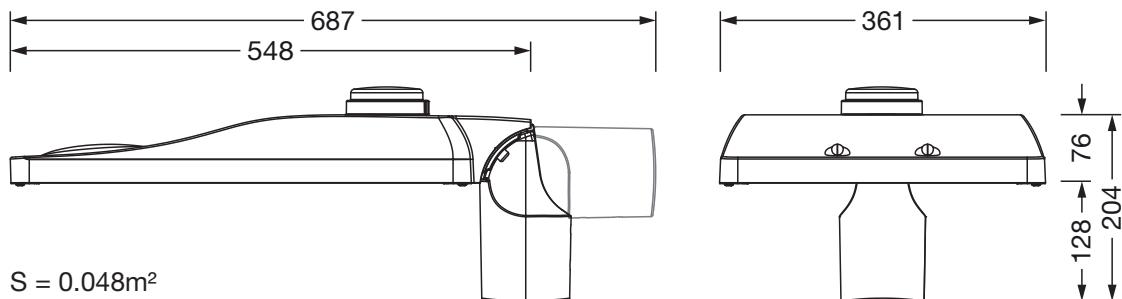
**Service life**

- Rated service life: 100000h (L94/B10)  
at AT = 25°C

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