# ѕітесо

# **Order No.:** 5XH7V31T08MA | **GTIN (EAN):** 4069025100146 **Product description:** SL31md,P0.5a,18970Im730,D4iDR,SIa/b

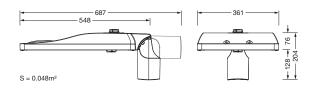




Streetlight SL 31 midi D4i, Desk-Remote mast luminaire for post-top, sideentry; light control with lens of PMMA; light distribution: P0.5a, direct asymmetric distribution, for standard-compliant lighting for roads and squares; LED: luminous flux: 18.970lm, light colour: 730, colour temperature: 3000K; luminous efficacy: 132,8lm/W; control: pre-setting: logarithmic dimming characteristic, flexible luminous flux parameterisation, timedependent luminous flux control, constant luminous flux control, power reduction, 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; with cable H07RN-F 2x 1.5mm<sup>2</sup>, cable length: 12,5m, connection cable pre-assembled; mains connection: 220..240V, AC, 50/60Hz; power consumption (at start of service life): 142,8W / (at end of service life): 158.8W / (with reduced operation 50%): 60W: protection rating (complete): IP66; insulation class (complete): insulation class II (safety insulation); impact resistance: IK09; certification: CE, ENEC, ENEC+, VDE, UKCA, ZD4i; permissible operating ambient temperature for outdoor applications: -40..+50°C; packaging unit: 1 piece

|  | DE | IP 66 | IK 09 |  | Œ |
|--|----|-------|-------|--|---|
|--|----|-------|-------|--|---|

| Lamps:      | LED           |
|-------------|---------------|
| Wt. (kg):   | 9.8           |
| GTIN (EAN): | 4069025100146 |



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de) Tolerances related to thermal, electrical and photometric data according to IEC 62722 Issued 21.06.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -

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# Order No.: 5XH7V31T08MA | GTIN (EAN): 4069025100146 Detailed technical description: SL31md,P0.5a,18970lm730,D4iDR,Sla/b



#### Key data

- Product type: mast luminaire
- Product name: Streetlight SL 31 midi
- Order No.: 5XH7V31T08MA

# Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: P0.5a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 18970lm
- Luminous efficacy: 133lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- Rated input power begin service life: 143
- Rated input power end service life: 159
- Rated input power at 50% lumin. flux:
  60

#### **Operating device:**

- Control: D4i, Desk-Remote, Smart Interface below and above
- 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<sup>®</sup> 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<sup>®</sup> metallic grey (DB 702S)
- mast flange: diecast aluminium, coated, Siteco<sup>®</sup> metallic grey (DB 702S), mast flange included unmounted
- Colour specification: Siteco<sup>®</sup> metallic grey (DB 702S)
- Cover: cover of toughened safety glass

# Mounting

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

#### **Electrical connection**

- Connection: cable H07RN-F 2x 1.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50µs
- Connection cable: pre-assembled, L= 12.5m

#### **Dimensions**, Weight

- Weight: 9.8kg
- Mast spigot: spigot size: 76/60mm

# Light emission

Light emission: 0% at 0° inclination



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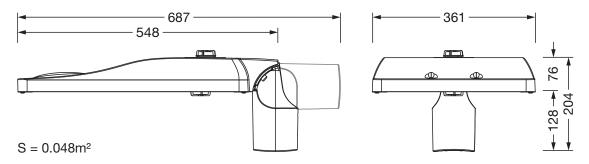
# Service life

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

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