

Order No.: 5XH7E31T08QA | GTIN (EAN): 4069025099846

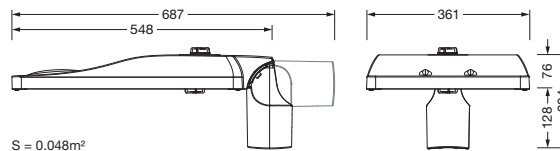
Product description: SL31md,STW1.0a,24430lm730,D4iDR,SlA/b



Streetlight SL 31 midi D4i, Desk-Remote mast luminaire for post-top, side-entry; light control with lens of PMMA; light distribution: STW1.0a, direct asymmetric distribution, for standard-compliant lighting for roads and squares; LED: luminous flux: 24.430lm, light colour: 730, colour temperature: 3000K; luminous efficacy: 149,6lm/W; 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; 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 1.5mm², cable length: 14,5m, connection cable pre-assembled; mains connection: 220..240V, AC, 50/60Hz; power consumption (at start of service life): 163,3W / (at end of service life): 178,2W / (with reduced operation 50%): 73W; 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



Lamps: LED
 Wt. (kg): 10.1
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Detailed technical description: SL31md,STW1.0a,24430lm730,D4iDR,SlA/b



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: STW1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 24430lm
- Luminous efficacy: 150lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- Rated input power begin service life: 163
- Rated input power end service life: 178
- Rated input power at 50% lumin. flux: 73

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® 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

- Connection: cable H07RN-F 2x 1.5mm²
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50µs
- Connection cable: pre-assembled, L= 14.5m

Dimensions, Weight

- Weight: 10.1kg
- Mast spigot: spigot size: 76/60mm

Light emission

- Light emission: 0% at 0° inclination

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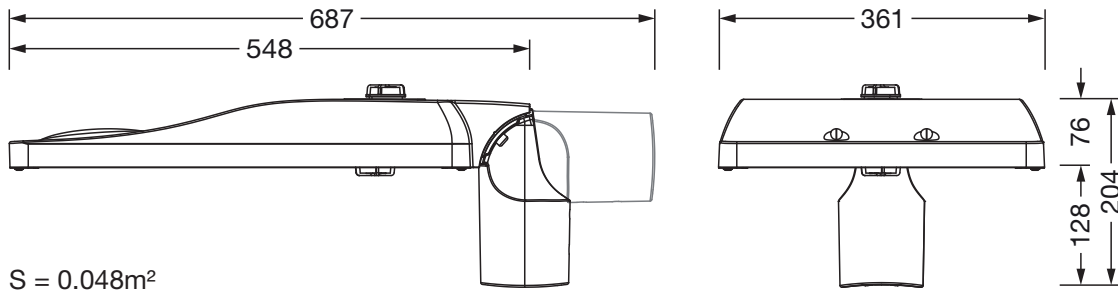


Service life

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

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