

**Order No.:** 5XE7B47N08NB | **GTIN (EAN):** 4058352897881

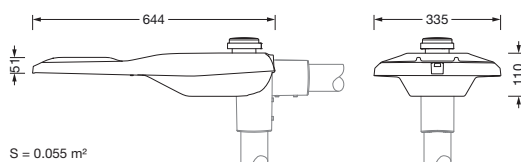
**Product description:** SL21md,ST0.5a,23710lm740,NEMA7



Streetlight SL 21 midi, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST0.5a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, LED, 3G 2.5mm<sup>2</sup>, High Power LED, rated luminous flux: 23.710lm, luminous efficacy: 157lm/W, light colour: 740, colour temperature: 4000K, control gear: NEMA (7pin), control: overheat protection, pre-setting: linear dimming characteristic, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, mains connection: 220..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 12,5m, wiring characteristics: H05VV-F, start of lifetime: 151W, end of service life: 157W, reduction: 70W, luminaire housing, of diecast aluminium (EN AC-44300), powder-coated, SITECO metallic grey (DB 702S), corrosivity category C5 high according to DIN EN ISO 12944, multi-level sealing system, sealing non-destructively replaceable, inclination adjustable: 0°, 5°, 10°, 15°, length: 644mm, width: 335mm, height: 110mm, spigot size: 42mm (side-entry), mounting height: 4..8m, protection rating (complete): IP66, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, ENEC+, VDE, impact resistance: IK10, 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): 9.7  
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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

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**Detailed technical description:** SL21md,ST0.5a,23710lm740,NEMA7



#### Key data

- Product type: mast luminaire
- Product name: Streetlight SL 21 midi
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#### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: ST0.5a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 23710lm
- Luminous efficacy: 157lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- Rated input power begin service life: 151
- Rated input power end service life: 157
- Rated input power at 50% lumin. flux: 70

#### Operating device:

- Control: NEMA (7pin)
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, 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

#### Material, Colour

- luminaire housing: diecast aluminium (EN AC-44300), powder-coated, SITECO metallic grey (DB 702S), inclination adjustable: 0°, 5°, 10°, 15°, sealing non-destructively replaceable, multi-level sealing system
- Colour specification: SITECO metallic grey (DB 702S)
- Cover: cover of toughened safety glass

#### Mounting

- Mounting method, mounting location: side-entry, on mast
- Supplement: with pre-assembled mast flange

#### 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=12.5m

#### Dimensions, Weight

- Length: 644mm
- Width: 335mm
- Height: 110mm
- Weight: 9.7kg
- Mast spigot: spigot size: 42mm (side-entry)

#### Light emission

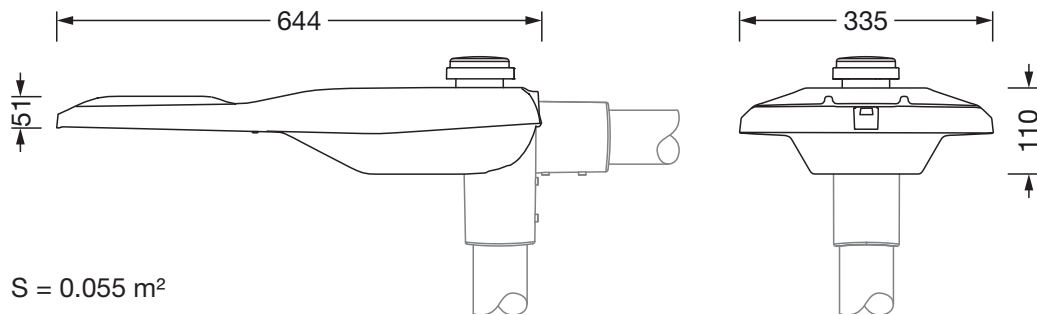
- Light emission: 0% at 0° inclination

#### Service life

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

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