

Order No.: 5XE3D43S08MB | GTIN (EAN): 4058352728130

Product description: SL21md,ST1.0a,20180lm740,D4i,S1a



Streetlight SL 21 midi, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, post-top, LED, High Power LED, rated luminous flux: 20.180lm, luminous efficacy: 137lm/W, light colour: 740, colour temperature: 4000K, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, presetting dimming logarithmic, mains connection: 230..240V, AC, 50/60Hz, start of lifetime: 147W, end of service life: 155W, reduction: 65W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), corrosivity category C5 mid according to DIN EN ISO 12944, please order mast flange separately, inclination adjustable: 0°, 5°, 10°, 15°, sealing non-destructively replaceable, multi-level sealing system, length: 644mm, width: 335mm, height: 110mm, mast flange for spigot size: 42mm (side-entry): 5XC10008XM4, 60/48mm (side-entry/post-top): 5XC10108XM2, 76/60mm (side-entry/post-top): 5XC10108XM1, Smart Interface above, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, ENEC+, VDE, 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): 7.2
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Detailed technical description: SL21md,ST1.0a,20180lm740,D4i,SlA



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: ST1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 20180lm
- Luminous efficacy: 137lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- Rated input power begin service life: 147
- Rated input power end service life: 155
- Rated input power at 50% lumin. flux: 65

Operating device:

- Control: D4i, Smart Interface above
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, presetting dimming logarithmic

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 mid according to DIN EN ISO 12944
- Certification, designation: CE, ENEC, ENEC+, VDE

Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, 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, post-top, on mast

Electrical connection

- Nominal voltage: 230..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50µs

Dimensions, Weight

- Length: 644mm
- Width: 335mm
- Height: 110mm
- Weight: 7.2kg
- Mast spigot: mast flange for spigot size: 42mm (side-entry): 5XC10008XM4, 60/48mm (side-entry/post-top): 5XC10108XM2, 76/60mm (side-entry/post-top): 5XC10108XM1

Light emission

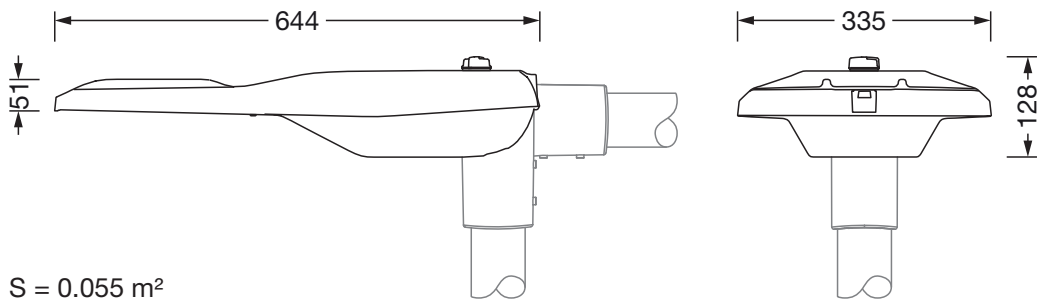
- Light emission: 0% at 0° inclination

Service life

- Rated service life: 100000h (L96/B10) at AT = 25°C

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$S = 0.055 \text{ m}^2$