

Order No.: 5XB32M1B408D | GTIN (EAN): 4058352378748

Product description: SL20md,ST0.8a,15490lm830,Plus



Streetlight 20 midi LED, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST0.8a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, post-top, LED High Power LED, rated luminous flux: 15.490 lm, light colour: 830, colour temperature: 3000K, control gear: ECG Plus, control: flexible luminous flux parameterisation, time-dependent luminous flux control, constant luminous flux control, digital communication interface, power reduction, overheat protection, electronic power reduction, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 139 W, end of lifetime: 151 W, reduction: 62 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 535 mm, width: 230 mm, height: 120mm, spigot size: 42/60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XA59000XM4, 60mm: 5XA59000XM2, 76mm: 5XA59000XM1, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, permissible ambient temperature for outdoor applications: -35..+50°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
Wt. (kg): 6.8  
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**5XB32M1B408D**

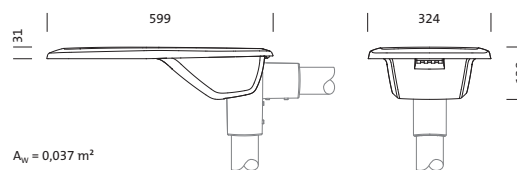
The luminaire contains built-in LED lamps

**A++**  
**A+**  
**A**  
**B**  
**C**  
**D**  
**E**  
**F**

**LED**

The LED-lamps cannot be changed in the luminaire

**874/2012**



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**Detailed technical description:** SL20md,ST0.8a,15490lm830,Plus



## Key data

- Product type: mast luminaire
- Product name: Streetlight 20 midi LED
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## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: ST0.8a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 15490lm
- Luminous efficacy: 112lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 139
- Rated input power end service life: 151
- Rated input power at 50% lumin. flux: 62

#### Operating device:

- Control gear: ECG Plus
- Control: Plus
- Equipment: overheat protection, power reduction, digital communication interface, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation
- Switching method: electronic power reduction

## Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -35..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

## Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, inclination adjustable at 0°, 5°, 10°, 15°
- 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: 10kV 1.2/50µs

## Dimensions, Weight

- Length: 535mm
- Width: 230mm
- Height: 120mm
- Weight: 6.8kg
- Mast spigot: spigot size: 42/60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XA59000XM4, 60mm: 5XA59000XM2, 76mm: 5XA59000XM1

## Light emission

- Light emission: 0% at 0° inclination

## Service life

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

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