

Order No.: 5XH2D3AA08JA | GTIN (EAN): 4069025102164 Product description: SL31mn,ST1.0a,12140lm730,Easy



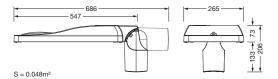


Streetlight SL 31 mini Easy mast luminaire for post-top, side-entry; light control with lens of PMMA; light distribution: ST1.0a, direct asymmetric distribution, for standard-compliant lighting for roads and squares; LED: luminous flux: 12.140lm, light colour: 730, colour temperature: 3000K; luminous efficacy: 149,7lm/W; control: overheat protection, intelligent temperature release in ECG and LED module, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, pre-setting: linear dimming characteristic; 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, 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: 10,5m, connection cable pre-assembled; mains connection: 220..240V, AC, 50/60Hz; power consumption (at start of service life): 81,1W / (at end of service life): 88,3W / (with reduced operation 50%): 36,4W; protection rating (complete): IP66; insulation class (complete): insulation class II (safety insulation); impact resistance: IK09; certification: CE, ENEC, ENEC+, VDE, UKCA; permissible operating ambient temperature for outdoor applications: -40..+50°C; packaging unit: 1 piece



Lamps: LED Wt. (kg): 6.7

GTIN (EAN): 4069025102164





# Order No.: 5XH2D3AA08JA | GTIN (EAN): 4069025102164

# Detailed technical description: SL31mn,ST1.0a,12140lm730,Easy



#### Key data

- Product type: mast luminaire
- Product name: Streetlight SL 31 mini
- Order No.: 5XH2D3AA08JA

# 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: 12140lm
- Luminous efficacy: 150lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- Rated input power begin service life: 81
- Rated input power end service life: 88
- Rated input power at 50% lumin. flux:
  36

# Operating device:

- Control: Easy
- Equipment: overheat protection, constant luminous flux control, timedependent luminous flux control, flexible luminous flux parameterisation, intelligent temperature release in ECG and LED module, pre-setting: linear 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

#### 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 1.2/50us
- Connection cable: pre-assembled, L= 10.5m

## **Dimensions, Weight**

- Weight: 6.7kg
- Mast spigot: spigot size: 76/60mm

# **Light emission**

Light emission: 0% at 0° inclination

#### Service life

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

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 -



# Order No.: 5XH2D3AA08JA | GTIN (EAN): 4069025102164

Dimensions: SL31mn,ST1.0a,12140lm730,Easy

