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Order No.: 5XH8D3AT08TA | **GTIN (EAN):** 4069025104939
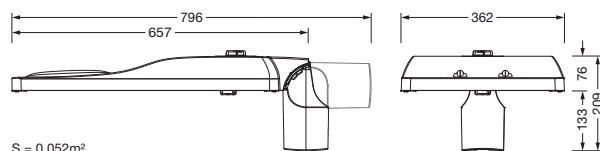**Product description:** SL31mx,ST1.0a,33650lm730,D4i,SIa/b

Streetlight SL 31 maxi D4i 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: 33.650lm, light colour: 730, colour temperature: 3000K; luminous efficacy: 147,1lm/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): 228,8W / (at end of service life): 248,7W / (with reduced operation 50%): 102,4W; 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

IP 66   IK 09   CE

Lamps:	LED
Wt. (kg):	11.4
GTIN (EAN):	4069025104939

796
657
362
76
133
209
S = 0.052m²

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Order No.: 5XH8D3AT08TA | **GTIN (EAN):** 4069025104939
Detailed technical description: SL31mx,ST1.0a,33650lm730,D4i,SIa/b

Key data
— Product type: mast luminaire
— Product name: Streetlight SL 31 maxi
— Order No.: 5XH8D3AT08TA

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: 33650lm
— Luminous efficacy: 147lm/W
— Colour temperature: 3000K
— Colour rendering index: CRI > 70
— Light colour: 730
— Rated input power begin service life: 229
— Rated input power end service life: 249
— Rated input power at 50% lumin. flux: 102

Operating device:
— Control: D4i, 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: surge voltage resistance: 10kV (common mode); 6kV (differential mode)
— Connection cable: pre-assembled, L= 14.5m

Dimensions, Weight
— Weight: 11.4kg
— Mast spigot: spigot size: 76/60mm

Light emission
— Light emission: 0% at 0° inclination

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

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Dimensions: SL31mx,ST1.0a,33650lm730,D4i,SIa/b

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