

Lighting tools for efficient road lighting



Siteco Streetlight 10 micro LED
economic and qualitative
lighting all over the town



office | industry | traffic | retail | public | sports

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AN OSRAM BUSINESS

Streetlight 10 micro LED – a multi-talent for any situation



The side-entry and post-top variants of the Streetlight 10 micro LED luminaire round off the Streetlight 10 LED mounting heights of between three and five metres. The family with three construction sizes (micro, mini and midi) thus offers efficient and extremely high quality solutions for nearly all technical road lighting applications.

The Streetlight 10 micro LED is a multi-talent when it comes to illuminating ancillary and transit roads in towns and cities as well as residential areas and streets. Streetlight 10 micro LED is also highly suitable for classic, decorative lighting, for example for parking areas and town squares.

The optics and control technology are based on the same principle and functionality as the mini and midi construction sizes. These tried and-trusted details give the Streetlight 10 micro LED its outstanding features:

Efficiency and the environment

- + very high luminous efficacy due to highly precise light control
- + light according to needs via luminous flux control in three performance packages
- + low maintenance effort via long system service life of up to 60,000 hrs.
- + no light spill at 0° alignment of the luminaire head in the horizontal

Visual comfort and light quality

- + active contribution to safety due to highly homogeneous illumination
- + minimised glare via precisely matched optical system
- + flexibility via diverse colour temperatures (3000K, 4000K, 5000K)

Simple service, easy mounting

- + perfect for nearly all installation situations (side entry/post-top) due to inclination adjustment (0°, ±5°, ±10°, ±15°) and mast flanges for spigot sizes 42/60/76 mm
- + fit for the future via modular design of housing, LED module and ECG
- + simple, safe flap mechanism for opening the housing



More information online

Read in the QR code with your smart phone to access further information on the Siteco website.

Streetlight 10 micro LED enables up to 80% of energy and costs to be saved without compromising on quality of light and visual comfort compared to optically obsolete luminaires. It's thus outstandingly suited for the energetically efficient upgrading of old light points and for modern, sustainable illumination with new systems.



The Streetlight 10 micro LED complements the Streetlight 10 family and is especially suitable for illuminating residential roads.

Maximum flexibility



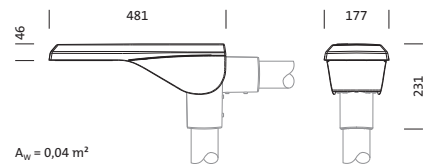
One luminaire for all masts, installation and lighting situations: inclination of the Streetlight 10 micro LED can be adjusted in five-degree steps without use of special tools.



Streetlight 10 micro LED | for post-top or side-entry mounting | asymmetric distribution

Streetlight 10 micro LED mast luminaire for post-top or side-entry mounting | with white LED with reflectors, asymmetric light with homogeneous, wide distribution; with flat, formed cover | microprocessor-controlled LED operating electronics; with control functionality for lighting management and monitoring* | housing and mast flange of diecast aluminium, Siteco® metallic grey (DB 7025); cover of PMMA

Protection rating: IP66
Insulation class: II



Mast spigot with post-top mounting:

$d_a = 42/60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting:

$d_a = 42/60 \times 100\text{mm}$

Recommended mounting height: MH=3,5...5m

(luminaire can be tilted at 0°, 5°, 10° oder 15° via mast flange)

* all versions with temperature monitoring for protection of LEDs from thermal overload
Basic version: with power reduction via 230V control voltage | no luminous flux constancy |
Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage
Premium version: functional range as with Plus version, but for individual monitoring and control of the luminaire from a central control point from any distance via LON-PowerLine without supplementary control wire (instead of SDI)

Luminaire can be operated with factory pre-setting. The pre-setting with the Plus and Premium versions can be modified with the mounted and dismantled luminaire



Lamps	Colour temperature	P _{nom} begin service life	P _{nom} end service life	P _{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic						
1x LED module	3000K	19	19	9	3.4	5XA5901E1A08
1x LED module	4000K	19	19	9	3.4	5XA5901K1A08
1x LED module	5000K	19	19	9	3.4	5XA5901A1A08

with ECG Plus						
1x LED module	3000K	14	19	7	3.4	5XA5901E1B08
1x LED module	4000K	14	19	7	3.4	5XA5901K1B08
1x LED module	5000K	14	19	7	3.4	5XA5901A1B08

with ECG Premium, with luminaire controller						
1x LED module	3000K	14	19	7	3.7	5XA5901E1C08
1x LED module	4000K	14	19	7	3.7	5XA5901K1C08
1x LED module	5000K	14	19	7	3.7	5XA5901A1C08

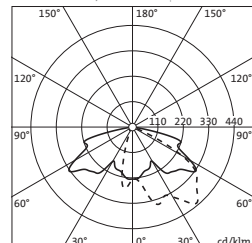
- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
- please order SLC lighting management components for the Premium version separately if required
- please order mast flange according to spigot diameter separately
- versions with 'ECG Premium' available from June 2013

Mandatory accessories

Article	Wt. (kg)	Order No.
mast flange, spigot size: 42mm	0.4	5XA59000XM4
mast flange, spigot size: 60mm	0.5	5XA59000XM2
mast flange, spigot size: 76mm	0.6	5XA59000XM1

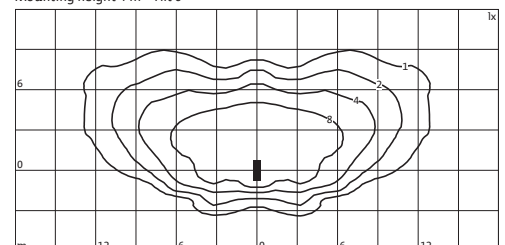
5XA5901A1A08

1 x LED 5000K / CRI >= 70 φN 1580 lm



— C 0/180
- - - C 90/270
Luminous intensity class
according to
EN13201-2: G3

Mounting height 4 m Tilt 0°



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