

# siteco

## SL10 MIDI LED

### STREET LIGHT LED (CATEGORY P & V)

#### FEATURES

- Basic and Plus Versions available depending on control requirements
- Post-top or side-entry mounting
- White LED with reflectors, asymmetric light with homogeneous, wide distribution and with flat, formed cover
- Microprocessor-controlled LED operating electronics with control functionality for lighting management and monitoring
- Replaceable LED module
- Gradiated flange allows precise tilt adjustment (0°, +/-10°, +/-15°)
- Mast flanges for spigot sizes 42/60/76mm
- Long LED system life of up to 100,000 hours (L95/B10)
- Colour temperatures available in 4000K as standard



The decisive difference between high and low quality LED road luminaires is to be found in their lighting technology. Here SL10 sets new standards with its innovative, efficient technical solutions.

The LED module with its highly precise optical systems of LED arrays, High Definition reflectors and visor guides the light onto the road surface with a high degree of precision, achieved to an extent and in a quality that can hardly be matched. In contrast to the all-round light distribution of conventional lamps, LEDs radiate light exclusively into the lower hemisphere. Emitted light is guided with a great precision onto the road via the sophisticated faceted surfaces of each high definition reflector.

**Basic:** with electronic control gear is fitted as standard, featuring overheat protection.

#### LUMINAIRE CONSTRUCTION

- LED module 4000K as standard
- Pressure die-cast aluminium body
- Integrated heat sink
- Hinged access cover
- Side entry mounting and post top, 42/60mm O.D. pipe
- Post Top mounting, fits 76mm O.D. pipe with adjustable upcast: 0°, 5°, 10°, 15°
- IP66 LED module
- IP65 control gear chamber
- Class II
- Powdercoated Siteco metallic grey (DB702S) as standard

#### KEY APPLICATIONS

- Roadway (Cat P & Cat V)
- Pedestrian Illumination
- Car Park
- Amenity
- Security Lighting



Options of Constant luminous flux control with the Siteco "Plus" control gear compensates for the reduction of luminous flux resulting from ageing. Over designing is no longer required, providing energy savings and increasing the service life whilst maintaining a constant light level. Additional features of the Siteco "Plus" electronic control gear as follows.

**Plus Version:** with constant light output system, providing energy savings in the order of 15%. Variable power/setting to enable light output to be tailored for each application. Time dependent step dimming system (no control wires required). Overheat protection.

The LED module and control gear is easily replaceable in the event of failure or future upgrades.

An innovative mounting system allows the luminaire to be side or post top mounted.

#### OPTIONS AVAILABLE

- Colour temperature 3000K & 4000K
- Constant Light Output ("Plus" range)
- Siteco "Plus" electronic control gear
- Mast flange/Spigot size 60mm or 76mm
- Pedestrian crossing optics

Description Standard	CCT	CRI	Lm	W	mA	lm/W	Weight
SL10 MIDI LED Basic	4000K	70	9000	89	455	101.1	11.4kg
SL10 MIDI LED Plus	4000K	70	7300	71	365	102.8	11.4kg
<b>Pedestrian Crossing - Left</b>							
SL10 MIDI LED Basic	4000K	70	7500	79	400	94.9	10.6kg
SL10 MIDI LED Plus	4000K	70	6300	65	330	96.9	11.4kg
<b>Pedestrian Crossing - Right</b>							
SL10 MIDI LED Basic	4000K	70	7500	79	400	94.9	10.6kg
SL10 MIDI LED Plus	4000K	70	6300	65	330	96.9	11.4kg

Note: Please refer to your Gerard Lighting representative for codes and more product options.

