

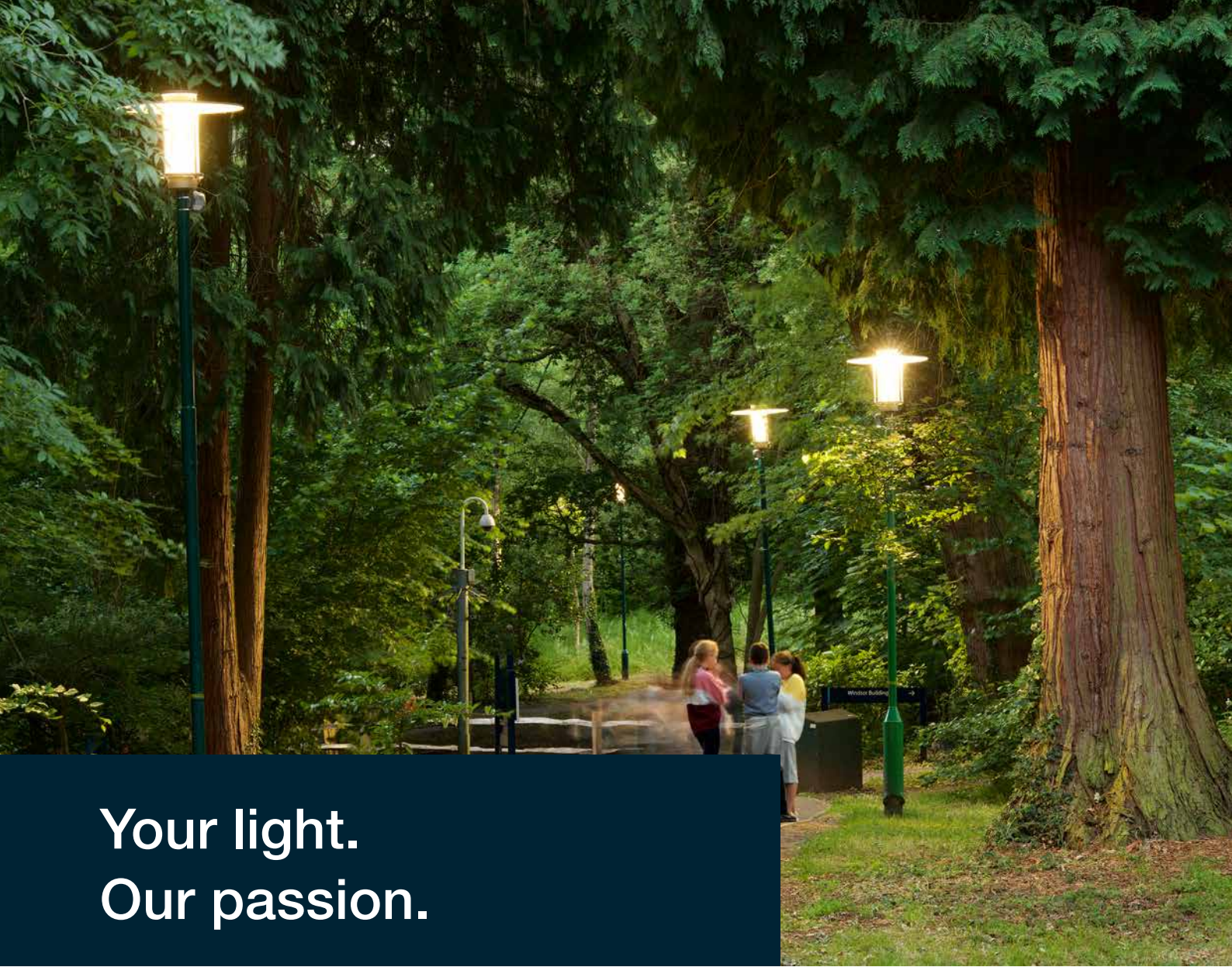


Town and park luminaires

Efficient lighting for roads, paths and plazas with high quality of light and superior visual comfort.

www.siteco.com

siteco



Your light. Our passion.

Good light serves as a business card for any location and is an inherent part of convincing city marketing. Balanced lighting has a welcoming impact and increases the sense of appeal. It invites to stay and linger on squares, communicates a feeling of safety and also aids orientation.

Modern lighting solutions for towns, cities and neighbourhoods support architects and designers in making roads safer and urban spaces more attractive at the same time. On the one hand illuminance is provided according to standards, along with balanced light distribution and minimum glare for the safety of all road users.

On the other hand, life is found where light is. As a consequence, light and luminaires become a defining part of the city landscape in such situations. Objects providing illumination and creating atmosphere at night time must be attractive during the day and blend in well with the overall architectural surroundings. The wide application options of our lighting solutions provide diverse flexibility for design when determining urban surroundings, making these more attractive and therefore also supporting turnover for gastronomy and trade.

Designing exterior spaces with innovative LED luminaires

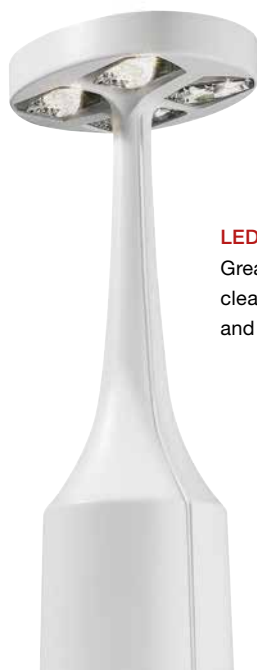
- 1 CITY LIGHT Pillar 120/260/400
- 2 CITY LIGHT ELEGANCE
- 3 LANTERN
- 4 MUSHROOM LUMINAIRE
- 5 LANTERN DELUXE
- 6 CITY LIGHT PLUS
- 7 CLASSIC LANTERN



Product images not to scale

The level of urban appeal and quality of life is determined by individual well-being, and lighting plays a major part in this. The appearance of lighting influences its surroundings, with form and design playing a primary role during the day and the quality of light at night. Both directly influence the feeling of safety, personal well-being and identification with the surroundings.

Siteco LED town and park luminaires and the 2nd generation LED Module 540 support individual plans and designs. This requirement for town and park lighting is solved better than ever before with the LED Module 540 – one module for nine different luminaire types in highly diverse urban applications.



LED Module 540: one module for all luminaires

Greater clarity. All town and park luminaires feature clear covers for attractive appearances during the day and night as well as a high quality of illumination.

The future of urban lighting is modular

The future of town and park lighting starts with the LED Module 540. The module features a high level of visual comfort and unique optical control, as well as innovative LED technology that also promises a high level of acceptance with residents.

Just one module for a wide diversity of applications, a requirement supplied to perfection for town and park lighting with the Siteco LED Module 540: one module for eight different types of luminaire.

Simple mounting, low-maintenance operation and low distribution complexity – Siteco LED town and park luminaires have been designed completely to the needs of practitioners.





Easy mounting and low maintenance

With a future-safe modular design

- Replaceable LED module

High visual comfort

Uniform illumination of the road and very good glare control

- Even more comfort with spreader element

Luminous module body

Visual guidance element along the road with decorative day and night effect

Smart Lighting – CLO 2.0

The new generation of the LED Module 540 features the patented CLO 2.0 control option. Until now constant luminous flux tracking was based on values measured and determined under laboratory conditions, but with CLO 2.0 the real ambient conditions and past values are used to which the luminaire is exposed: temperature, wind and rain. Integrated sensors carry out measurements and the control unit regulates the output power accordingly to achieve the required luminous flux. This means additional energy savings of around 6%.

Easy mounting and low maintenance

With a future-safe modular design

- Replaceable gear tray

Spreader element

- Additional cover for more uniform distribution of light
- Further improves visual comfort for pedestrians and vehicle drivers
- Protects from direct viewing of the LED unit and improves the module appearance
- Attached without tools
- By using the spreader in amber, a light colour of approx. 2000K can be achieved.



Decorative ring

- Silver-coloured cover for the base of the LED Module 540
- Colour-matched to the body of Siteco town and park luminaires
- Inserted without tools during luminaire mounting



Shielding on building side

- For further reduction of the rear light component
- Attached with a few turns of the hand during luminaire mounting



The LED Module 540 at a glance

- One module – 100% compatibility to the luminaire ranges CITY LIGHT, CITY LIGHT Pillar, LANTERN and MUSHROOM LUMINAIRE
- Long service life: up to 80,000 hrs. (L80/B10)
- Low energy consumption due to high luminaire luminous efficacy (up to 117 lm/W)
- Net luminous flux: approx. 1400 lm to 3100 lm
- Two light colours: 3000K (warm white) and 4000K (neutral white)
- Three different light distributions
 - asymmetric distribution (ST1.2a)
 - asymmetric wide distribution (P1.0a)
 - symmetric distribution (PL1.2s)
- Three control options (Basic/Plus/Premium)



LED Module 540 A technically convincing design for practitioners

Simple mounting, low-maintenance operation and low distribution complexity – Siteco LED town and park luminaires have been designed completely for the needs of practitioners. Mounting and electrical connection on the mast are achieved with a few turns of the hand and without special tools. The clear PMMA covers and canopy elements (white underside, upper side in Siteco® metallic grey (DB 702S)) are extremely weather-resistant and dirt-repellent.



Insert the gear tray

The gear tray with ECG is positioned and wired.

Special feature: a protective foil separates the connection terminal from the housing to make the construction electrically safe.



Mount the gear tray

The gear tray with ECG is simply fastened to the mast spigot with three screws. The fixing points are coded to prevent wrong mounting.



Attach the module body

Attach the module body with pre-assembled LED unit via the bayonet catch. Electrical plug connection is via an inner spiral cable.



Attach the cover and canopy

The cover is positioned over the LED Module 540. The luminaire canopy is then fixed via a thread to the module head.



SITECO GmbH

Georg-Simon-Ohm-Straße 50
83301 Traunreut, Deutschland

Tel +49 8669 33-0

Fax +49 8669 33-397

www.siteco.com

Customer Service

Tel +49 8669 33-844

