



CONSTELA 19 LED

SMARTER. STRONGER.
MORE ATTRACTIVE.

www.trilux.com/constela-19-led

Smart applications

ConStela 19 LED can be quickly and easily equipped with IoT function modules via standardised interfaces using plug and play – making the Smart City tangible right in the present.

Perfect proportions

Not only the sizes and proportions of the supporting column, luminaire head and function modules are perfectly matched. The individual elements are clearly delineated from each other at the transitions by a specially developed design gap. This results in a modular, directionally neutral structure with a form-fitting slender design.





CONSTELA 19 LED

SMARTER. STRONGER.
MORE ATTRACTIVE.

www.trilux.com/constela-19-led

The challenge

- Future-proof and individual Smart City solutions
- Clean illumination of representative public and private spaces
- High aesthetic requirements in column design

The solution

- Modular column system with individual high-quality lighting technology
- Plug and play integration of IoT function modules
- Form-fitting slender design for any environment and architecture

CAMPUS – 100% READY FOR UNIVERSITY

ConStela 19 LED is not only convincing in the major subjects lighting technology and aesthetics. It also shines in all minor subjects, for example by providing WiFi or screens in outdoor areas.

Light
Tailor-made light and intelligent light management guarantee a perfectly illuminated campus and permanently low operating costs.

WiFi
On request, ConStela 19 LED provides public WiFi on campus – creating outdoor workspaces. Up to 500 participants can log in per WiFi module.

Monitor
Optional monitors on the luminaires can be used to display individual information, such as opening hours, site maps or public transport timetables.



TRAIN STATIONS AND AIRPORTS – ALL ABOARD

WiFi for people waiting, loudspeakers from the column, cameras that increase security – ConStela 19 LED has all this on board where requested.

Light
Tailor-made, high-quality light ensures maximum safety, while efficient light management minimises operating costs.

WiFi
Travellers check departure times and connections. They pass the time waiting in the free WiFi provided by the column. Up to 500 participants can log in per WiFi module.

Camera
Train stations and airports are part of the critical infrastructure. Cameras in the columns provide more security by recognising people and enable an analysis of the flow of people with people counting.

Loudspeaker
Be careful when entering: Loudspeakers in the columns enable clear and understandable announcements and can enhance the atmosphere with background music.



SQUARES AND PEDESTRIAN ZONES – ADDED VALUE FOR CITIES

More than just neatly illuminated paths and squares – buildings or monuments can be perfectly showcased using a wide selection of spotlight modules. Thanks to anti-graffiti paint, the good impression lasts permanently.

Light
With customised light of uncompromisingly high quality and powerful light management, ConStela 19 LED ensures ideal visual conditions, a pleasant atmosphere and low operating costs.

Spotlight
Buildings, facades or monuments can be perfectly showcased with optional spotlight modules rotatable through 360° in the columns.

Anti-graffiti paint
Anti-graffiti paint provides protection against smearing and stickers alike. The result: a cleaner cityscape and lower cleaning costs.



HARBOUR PROMENADES – SAFE IN WIND AND WEATHER

ConStela 19 LED defies aggressive seawater as well as the strongest storm – making harbour promenades shine in the best light thanks to its design and quality of light.

Light
ConStela 19 LED perfectly illuminates harbour promenades with customised, high-quality light, showcasing them attractively and reducing operating costs to a minimum with powerful light management.

Wind zone 4
Stronger than all the rest. Thanks to its robust construction, ConStela 19 LED is suitable for use up to wind zone 4 with terrain category 1.

Seawater-resistant
No corrosion: The seawater-resistant luminaire surface permanently protects ConStela 19 LED from aggressive sea climates with high humidity and a high salt content.



PARKING SPACES – POTENTIAL FOR SUPERMARKETS AND COMPANIES

ConStela 19 LED upgrades privately managed car parks in several ways – e.g. through light and design, through columns in corporate colours or through IoT applications with added value, such as security cameras.

Light
A clearly illuminated car park increases the feeling of safety and well-being, while efficient light management ensures minimal operating costs.

Camera
Camera surveillance deters thieves, people counting also enables analysis of the flow of people. Further options: The system can detect free parking spaces and direct visitors right to the closest available parking space.

Special paint
The columns are available with individual paint on request, in colours matching the company appearance. The result: a strong performance right from the car park.



SHOPPING MALL – SHOPPING WITH SMART SUPPORT

Quality of light, design and innovative IoT applications such as cameras, WiFi or beacons are the convincing added values of the form-fitting column. This makes ConStela 19 LED suitable not only for outdoor use but also for transitional and indoor areas. This enables holistic solutions across building boundaries.

Light
Ideal quality of light and award-winning classic design are the best harbingers for a unique shopping experience. Thanks to high efficiency, long service life and powerful light management, operating costs are minimal.

Spotlight
Facade, entrance and the mall itself deserve special attention, just like art objects, architectural highlights or quiet zones. With integrated spotlight modules, all areas can be perfectly showcased.

Camera
A camera increases visitors' sense of safety – and lays the foundation for innovative IoT applications such as people counting to analyse the flow of people.

Loudspeaker
Soft music accompanies visitors from the outdoor areas into the mall and creates a pleasant atmosphere.



INDIVIDUAL LIGHT CONCEPTS AND PERSONAL ADVICE

We would love to support you with your next ConStela 19 LED project.

Simply contact us:

TRILUX GmbH & Co. KG
Heidestraße · D-59759 Arnsberg
Postfach 19 60 · D-59753 Arnsberg
Tel. +49 29 32.3 01-0
Fax +49 29 32.3 01-3 75
sales@trilux.com
www.trilux.com

TRILUX LIGHTING LIMITED
TRILUX HOUSE, Winsford Way
Boreham Interchange
Chelmsford, Essex
CM2 5PD
Tel. +44 12 45.46 34 63
Fax: +44 12 45.46 26 46
info.es@trilux.com
www.trilux.com

TRILUX Vertrieb GmbH
Representative Office
Building: 5EA, Office 808 & 810
P.O. Box: 371040
Dubai Airport Free Zone (DAFZA)
Dubai, United Arab Emirates [DAFZA]
Tel. +971 4 6091991
Fax: +971 4 6091826
middleeast@trilux.com
www.trilux.com/en

TRILUX Iluminación S.L.
Avda. Manuel Rodríguez Ayuso 114
Centro Empresarial Miralbueno
Planta 1ª Local P-2
E-50012 Zaragoza
Tel. +34 976.46 22 00
Fax: +34 976.77 40 61
info.es@trilux.com
www.trilux.com