

Presse Press

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Future-proof road lighting

With Streetlight 11 Osram offers a future-proof platform for smart city applications

Today's towns and cities have a particular responsibility, and search for solutions for reducing their ecological footprint and organising their public spaces in safer and more intelligent ways. Specifically, this concerns intelligent traffic guidance, parking space management, safety monitoring and new supply models for electrical mobility. Networked lighting infrastructures are found in the centre of such processes. With its Streetlight 11 range of road luminaires, Osram Lighting Solutions offers a future-proof, technological platform for the diverse elements of a smart city.

The new, efficient Streetlight 11 is an open and upgradable system that expands with its tasks – just as cities of the future will do. Customers can decide to either already select an individual smart city solution or else select luminaires that can be upgraded at any time. Once a network is established with the new road luminaires, customer-specific requirements that then change can be implemented.

The modular luminaire concept of Streetlight 11 enables control and monitoring systems to be integrated based on powerline technology or via radio frequency (RF). The luminaires are available as standard as Smart City luminaires (with Powerline or RF) or as Smart City ready versions. Thanks to the integrated mechanical interface, simple retrofitting of sensors and data- or camera systems is also possible on-site, enabling e.g. parking space management, safety monitoring and traffic control. The components are supplied with power directly from the luminaire. Customers benefit from a reliable

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system solution, i.e. Osram offers luminaires, controllers, sensors, software and accessories from a single source.

Streetlight 11 scores with outstanding, homogenous lighting to increase levels of safety in the public space. It simultaneously contributes actively to protecting nature and the environment – energy consumption can be cut by up to 80% and light pollution is avoided due to precise light alignment, whilst brightening of the night sky and the attraction of nocturnally active insects is reduced to a minimum. The range of luminaires offers a diversity of options for selection and combination for illuminating roads, paths and squares: three construction sizes for mounting heights of 3 to 12 metres, two colour temperatures, individually settable luminous flux levels and diverse control possibilities.



With modern solutions such as the Streetlight 11 from Osram, towns and cities make a valuable contribution to their energy efficiency, sustainability, safety and future viability.

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The modularly designed Streetlight 11 is suitable for implementing city-wide, intelligent networks and serves as the starting point for smart cities.

PRESS CONTACT

Claudia Rieling

Tel. +49 8669 33-237

E-mail: c.rieling@siteco.de

ABOUT OSRAM

OSRAM with headquarters in Munich, Germany is a globally leading high-tech company with a history spanning more than 110 years. Primarily semiconductor-based products enable a wide diversity of applications ranging from virtual reality to autonomous driving and from smartphones to networked, intelligent lighting solutions in buildings and cities. OSRAM utilises the infinite possibilities of light to improve the lives of people and societies. With OSRAM innovations we will not only see better in the future but also communicate, travel, work and live better. OSRAM had approximately 26,400 employees worldwide with turnover exceeding 4.1 billion euros to the end of fiscal year 2017 (30 September). The company is listed on the Frankfurt am Main and Munich stock exchanges under WKN: LED 400 (stock exchange symbol: OSR). Further information can be found in the internet at www.osram.com

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