Press

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Osram launches new app for smart street lighting

Innovative NFC technology for simple installation and maintenance

Energy-efficient LED streetlights can now be set up and maintained from a smartphone thanks to the new Tuner4TRONIC Field app from Osram. The app also reduces complexity in the use of modern LED technology. “Our app enables towns and cities to use standard luminaires that can be quickly and easily adapted to meet different requirements instead of having to keep stocks of many different models. This saves on the time and cost of installation, maintenance, warehousing and replacement”, said Carlos Rohde, product manager at Osram.

The parameters that typically need to be adjusted on site are the light output depending on the type of street and the dimming times and dimming levels for optimizing energy savings. The dimming function can also be deactivated for specific applications such as roundabouts and pedestrian crossings. Luminaire manufacturers specify which features can be configured in the field. They also determine the limits within which the parameters can be changed so that reliable operation and constant output of the luminaire are assured at all times.

The mobile app enables LED drivers such as OSRAM OT 1DIM and OT 4DIM NFC to be programmed in the field via NFC (Near Field Communication) – wirelessly and without line voltage. The Tuner4TRONIC Field app will work on any NFC-capable smartphone. For smartphones without an NFC antenna Osram offers a portable NFC scanner (a Bluetooth-NFC adapter) as an alternative.

Fewer luminaire types reduce maintenance time and storage costs. With the app, Osram offers a comprehensive portfolio comprising LED drivers and software technology. As an open system it is available to everyone and does not tie users to a particular luminaire manufacturer.

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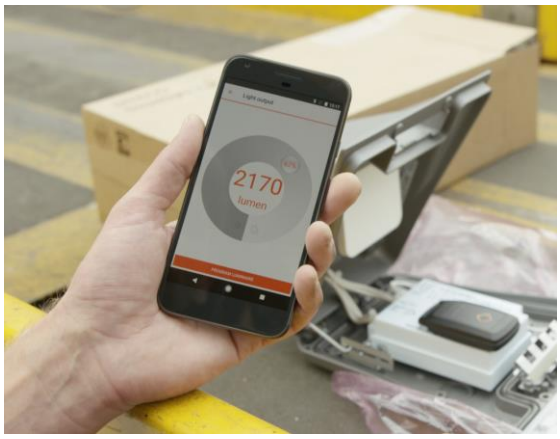
Corporate Communications & Brand Strategy

With the copy-and-paste function in the Tuner4TRONIC Field app the settings for a failed luminaire can be instantly transferred to a new luminaire. There is no need to check the configuration of the old luminaire; the entire process runs offline and users do not have to store their data in a cloud. Another advantage of NFC is that is does not require line voltage. It is highly likely, therefore, that the original configuration of an LED driver can be retrieved even after the driver has failed.

The Tuner4TRONIC Field app can be downloaded from www.osram.de/t4t. As an introductory offer, the app can be used free of charge until the end of March 2019.



The new Tuner4TRONIC Field App from Osram enables the installation and maintenance of energy-efficient LED street lights via smartphone.
Pictures: Osram

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Thanks to innovative NFC technology, cities and communities save time and money with the Tuner4TRONIC Field App.

Picture: Osram

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ABOUT OSRAM
OSRAM, based in Munich, is a leading global high-tech company with a history dating back more than 110 years. Primarily focused on semiconductor-based technologies, our products are used in highly diverse applications ranging from virtual reality to autonomous driving and from smartphones to smart and connected lighting solutions in buildings and cities. OSRAM uses the endless possibilities of light to improve the quality of life for individuals and communities. OSRAM's innovations enable people all over the world not only to see better, but also to communicate, travel, work and live better. OSRAM has approximately 26,400 employees worldwide as of end of fiscal 2017 (September 30) and generated revenue of more than €4.1 billion. The company is listed on the stock exchanges in Frankfurt and Munich (ISIN: DE000LED4000; WKN: LED 400; trading symbol: OSR). Additional information can be found at www.osram.com