

Presse Press

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From illumination to photonics: Osram shows a spectrum of infinite possibilities

"Connecting Everything" is the motto of electronica 2018. From 13th – 16th of November industry experts will demonstrate the decisive role electronics play for the future of application fields such as connected cars, smart industry or medical technology at the Munich exhibition grounds. Osram Opto Semiconductors enables visitors to experience the latest optoelectronic solutions in lighting, projection and sensors for application fields such as biometric identification, vital sign monitoring, horticulture, outdoor and general lighting as well as numerous automotive applications.

Osram Opto Semiconductors offers one of the most comprehensive portfolios in the optoelectronics industry. Innovations presented at electronica include the new [Osire](#) product family. The prototype of the intelligent Osire E4633i, which will be presented at the trade fair for the first time, includes three color chips (red, green and blue) as well as a serial control driver, and thus enables completely new design options for automotive interior design. In addition, the latest product developments – from infrared LED technology (IRED) to Vertical Cavity Surface Emitting Laser (VCSEL) for biometric identification and news in areas such as Vital Sign Monitoring or Human Centric Lighting – will be presented.

A particular highlight in the automotive sector will be the Rinspeed concept vehicle "Snap" with components from Osram Opto Semiconductors, which will be presented at the booth.

Topics presented at the Osram Opto Semiconductors booth 155 in hall B4 include:

- Light as the key to secure biometric identification (IRED and VCSEL)
- Vital sign monitoring for healthcare and fitness applications

- CSP and multi-pixel LED technology for intelligent General Lighting solutions
- Horticulture Lighting
- Human Centric Lighting
- Outdoor and Street Lighting
- The vehicle of the future: Car to X Communication
- Latest developments for LiDAR applications
- Illumination and visualization applications for intelligent headlights
- Dynamic automotive interior applications with [Osire](#)

"We are proud that many of the brightest and most passionate developers in optoelectronics work for our company. Their enthusiasm combined with our technical know-how are the basis for the pioneering innovations that we will be able to present at this year's electronica," explains Martina Opitz, Head of Fairs and Events at Osram Opto Semiconductors. "We see light-based solutions as a spectrum of infinite possibilities – this is what drives us every day. This year we will be showing some of the latest developments in the sectors automotive, connection, safety & security, mobility and well-being & health. "

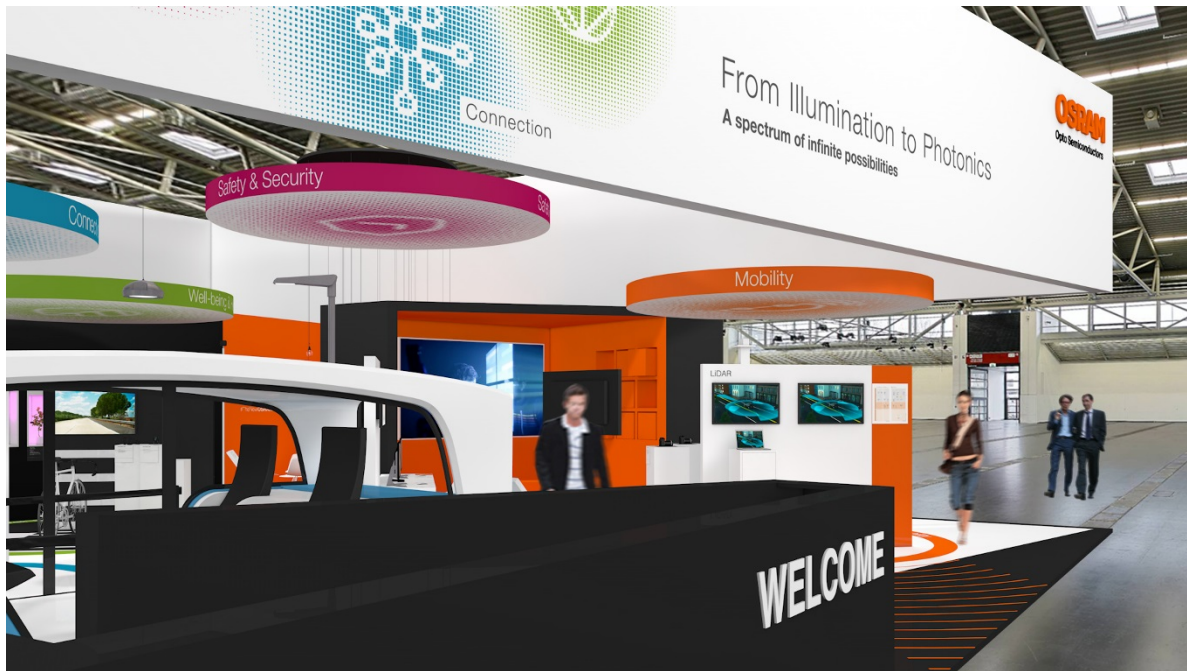
Additional information on the topics of Osram Opto Semiconductors at electronica 2018 are available [here](#).

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electronica 2018: With the motto *From Illumination to Photonics* Osram Opto Semiconductors demonstrates innovative lighting technologies.
Picture: Studio Bachmannkern

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 networked, intelligent lighting solutions in buildings and cities. OSRAM utilizes the infinite possibilities of light to improve the quality of life for individuals and communities. OSRAM's innovations will enable people all over the world not only to see better, but also to communicate, travel, work, and live better. As of the end of fiscal year 2018 (September 30), OSRAM had approximately 27,400 employees worldwide. It generated revenue of more than €4.1 billion in fiscal year 2018. The company is listed on the stock exchanges in Frankfurt and Munich (ISIN: DE000LED4000; WKN: LED400; trading symbol: OSR). Additional information can be found at www.osram.com.