

Press Presse

Regensburg, February 8, 2018

Osram's Regensburg location seen in a whole new light

With an innovative lighting concept, Osram Opto Semiconductors presents itself as an attractive employer for the region

As you approach on the A3 motorway heading toward Neutraubling, you can see the brightly lit façade of Osram Opto Semiconductors' new main building L01 from far away. The installation is part of an innovative concept from the high-tech group for the new design of commercial buildings with the focus on human lighting needs. Implemented with the help of state-of-the-art LED technology, Human Centric Lighting (HCL) is designed to make a sustainable and positive impact on the working environment in the future. The concept covers the entire value chain of the Osram Group, from the LED to the complete lighting solution. Once again, the optoelectronics specialist proves that one of the most attractive employers for state-of-the-art technology and innovation can be found in Regensburg.

People are working ever longer hours in offices and enclosed spaces where brightness levels are far below that of natural daylight. A continuous light deficit or unsuitable lighting can lead to significant sleep and eating disorders, lack of energy, and even depression. The pioneering Human Centric Lighting concept aligns lighting with the needs of human biorhythms.

There is an "ideal" color temperature value for humans at any time of the day. If natural light does not reach this ideal value, artificial light can make up for it. In addition to preprogrammed light curves that take the season into account, sensors record the current value and adjust the lighting accordingly. The sensors also detect when no one is present in certain rooms and office areas. They then automatically switch to energy-saving mode and dim the lighting.

Highlights of the outdoor lighting include the linear lighting on the building contours as well as flexible elements, such as the indirect lighting of the windows and the “sky garden” employee cafeteria in the corporate color of orange at the onset of dusk.

“Our employees are the key to our success”, stresses Gerhard Maihofer, head of the Regensburg location of Osram Opto Semiconductors. “As a world leader in LEDs and optoelectronics, it makes sense to utilize our light-based innovations to contribute to a positive working environment.”

Global Innovation “Made in Regensburg”

With this reference project of an office building completely equipped with HCL, Osram once again proves its trailblazing ability to actively shape potential future markets. In the future, the Human Centric Lighting concept could contribute to the sustainable improvement of the well-being and efficiency of millions of office workers around the globe.

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The pioneering Human Centric Lighting concept aligns lighting with the needs of human biorhythms and improves working conditions.

Image source: Osram



The exterior façade of the new main building of Osram Opto Semiconductors in Regensburg is a shining example of this high-tech location.
Image source: Osram

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). Further information can be found at www.osram.com.