

Press

Munich, February 18th, 2021

Osram invests in UV LED specialist Bolb Inc.

- Osram acquires around 20 percent of US company Bolb Inc. via its venture capital arm Fluxunit
- Strategic investment is an important building block for the development of cutting-edge UV-C LED products
- Special lighting technology enables disinfection of water, surfaces and air

With its investment in the California-based UV-C LED specialist Bolb Inc., Osram is further expanding its technological know-how of disinfection applications with UV-C light. The future cooperation between the two companies in the field of research will accelerate the industrialization of highly efficient and high-performance UV-C LEDs. Unlike previous solutions, LED-based disinfection systems require very little space and can be installed directly at the point of use - such as in water taps, washing machines or ventilation systems. Space-saving disinfection solutions make an important contribution to combating the coronavirus. According to Allied Market Research, the market for UV disinfection solutions is currently worth around one billion euros. This figure is expected to quadruple by 2027. Market researchers also expect the share of UV-C LED solutions to grow steadily.

"Osram already has various UV-C light solutions for disinfection, including LED and traditional technologies. The strategic investment in Bolb strengthens our know-how in the UV-C LED field and gives Osram a leading position in the market for disinfection with non-visible light," said Olaf Berlien, CEO of OSRAM Licht AG.

Currently, the majority of UV-C disinfection applications are based on conventional lighting technologies, usually mercury vapor lamps. Compared to these traditional lamps, UV-C LED technology has the potential to consume significantly less energy, while still providing the high light output required. The collaboration between Osram and Bolb promises to overcome this technological hurdle. Thanks to a unique technological building block for UV-C LEDs, Bolb is already succeeding in achieving outstanding efficiency values that are far ahead of other products available on the market. "With

Osram's decades of experience in the development and manufacturing of semiconductor-based products, this partnership sets the course for Osram and Bolb to lead the market for UV-C LEDs," said Ulrich Eisele, head of Fluxunit, Osram's venture capital unit.

Similar to the many advantages LEDs provide for conventional lighting applications versus traditional lighting technologies, UV-C LEDs promise a variety of benefits for manufacturers of disinfection solutions. These include lower energy consumption, long lifetime and significantly simplified system design due to the compact size of the light sources.

PRESS CONTACTS

Jens Hack
Phone +49 89 6213-2129
Email: j.hack@osram.com

Simon Thaler
Phone +49 941 850-1693
Email: simon.thaler@osram-os.com

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 had approximately 21,000 employees worldwide as of end of fiscal 2020 (September 30) and generated revenue of around three billion euros from continuing activities. 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.

ABOUT FLUXUNIT

Fluxunit is the independent venture capital arm of OSRAM. Building on OSRAM's leading market position in optical solutions, Fluxunit invests in deep-tech start-ups, which reach beyond OSRAM's core business and have the potential to disrupt and innovate existing technologies and business models. Fluxunit's goal is to offer start-ups not only capital, but also access to OSRAM's resources and global network in order to foster and accelerate their development. Find out more about Fluxunit at www.fluxunit.de.

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