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Huge demand for white LEDs from OSRAM: license for PerkinElmer Inc.

OSRAM adds another renowned manufacturer to its list of licensees

OSRAM has granted a license, in return for an appropriate fee, to PerkinElmer Inc., the American supplier of precision and photonic components, that allows it to manufacture and market white LEDs with conversion technology. The patent for this technology is held by the OSRAM subsidiary OSRAM Opto Semiconductors.

Conversion technology was developed by OSRAM Opto Semiconductors and is one of more than 3000 patents for optoelectronic lighting technologies and solutions filed by the OSRAM subsidiary. The technology enables white LEDs to be produced using blue emitting chips based on indium-gallium nitrite and suitable phosphor converters. The license agreement recently signed by the two companies gives PerkinElmer Inc. the right to use OSRAM's property rights relating to the production of white LEDs using conversion technology. PerkinElmer Inc. is one of the world's leading suppliers of sensors and components for digital image display and of precision instruments for the health sector.

There is enormous demand within the lighting industry for the technologies developed by OSRAM. This is evidenced by numerous license agreements with a variety of companies including Rohm, Samsung Electro-Mechanics, Citizen and Seoul Semiconductor who have already been granted licenses by OSRAM for special products and applications. Dr. Rüdiger Müller, CEO at OSRAM Opto Semiconductors, commented: "Over the years OSRAM Opto Semiconductors has built up an extremely strong patent position. This provides the basis for our strong position on the market. We are pleased that another prominent company will be using our technology under this latest license agreement – that speaks for the quality of our work."

As a leading innovator, OSRAM was one of the first companies to develop single-chip LEDs at the end of the 1990s and launch them on the market. White LEDs are becoming the most widespread type of LED. Typical applications include backlighting of displays and interior and exterior vehicle lighting, and they are now being used increasingly for general illumination.

About OSRAM Opto Semiconductors

OSRAM belongs to the Industry sector of Siemens and is one of the two leading lighting manufacturers in the world. Its subsidiary, OSRAM Opto Semiconductors GmbH in Regensburg, offers its customers solutions based on semiconductor technology for the lighting, sensor and visualization sectors. The company has sites in Regensburg, Santa Clara (USA) and Penang (Malaysia). In the 2007 fiscal year (to the end of September) more than 4000 employees of OSRAM Opto Semiconductors produced sales totaling 520 million euros. For more information go to www.osram-os.com

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