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Total application support: ray files for OSRAM LEDs

## **Ray data just a click away**

**OSRAM is the first LED manufacturer in the world to provide direct internet access to the ray data for its light emitting diodes. The ray files indicate the pattern in which light is emitted from an LED and include the coordinates of the emission point, the direction of emission, the intensity and the wavelength. The internet information covers almost the entire LED portfolio, including infrared emitter diodes (IREDs). “Our customers have access to all the latest data at any time of the day or night so it is now even easier for them to plan their lighting systems, test the LEDs and produce their lighting concepts”, said Wolfgang Lex, head of the LED Business Unit.**

All the ray data, a customer CAD model for board design (3D design and package) and information on how to use this data can be downloaded from [www.osram-os.com/ray-files](http://www.osram-os.com/ray-files). The information is supplied immediately. There are no circuitous routes and no long lists of supplementary questions to answer. For the product information the focus is on small distances so that external optics and light guides can be customized. OSRAM Opto Semiconductors enables not only LED specialists to make professional use of semiconductor technology. “Our data on the internet also gives new customers a chance to develop LED solutions themselves without having to rely on external partners”, added Wolfgang Lex.



Picture: OSRAM

<http://www.osram-os.com/press>

All the ray data for OSRAM LEDs can now be downloaded directly from the internet – the internet information covers almost the entire LED portfolio, including infrared emitter diodes (IREDs).

#### ABOUT OSRAM OPTO SEMICONDUCTORS

OSRAM is part of the Industry sector of Siemens and one of the two leading lighting manufacturers in the world. Its subsidiary, OSRAM Opto Semiconductors GmbH in Regensburg (Germany), offers its customers solutions based on semiconductor technology for lighting, sensor and visualization applications. OSRAM Opto Semiconductors has production sites in Regensburg (Germany) and Penang (Malaysia). Its headquarters for North America is in Santa Clara (USA), and for Asia in Hong Kong. OSRAM Opto Semiconductors also has sales offices throughout the world. In the 2007 fiscal year (to the end of September) OSRAM Opto Semiconductors employed more than 4000 people and achieved sales totaling 520 million euros. For more information go to [www.osram-os.com](http://www.osram-os.com).

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