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Press Release

Power Levels up to 300 mW

Powerful UVB LEDs for Fluorescence Microscopy

LG Innotek is continually increasing the performance of its UV LEDs. At the UVB wavelength of 305 nm, LASER COMPONENTS now offers LEDs that achieve 110 mW from a single emitter. They are used in the 6060 single-chip series as well as the 6868 series, which features four diodes integrated into one housing. Together they deliver outputs of 300 mW and more. LEDs with the same power levels are also available for the UVC wavelength 278 nm.

UV radiation stimulates fluorescence, which is put to use in many analytical methods such as fluorescence microscopy. In this area, UV LEDs increasingly replacing mercury vapor lamps as radiation sources. Their advantages are obvious – LEDs are small and long-lasting, do not require long warm-up phases or explosion-proof housing, and work without complex electronic ballast units. With continually increasing power levels, UV LEDs are becoming attractive for an increasing number of applications.

More Information

www.lasercomponents.com/de-en/product/uvb-uvc-leds-200-315-nm/

Trade Shows

LaSys, June 05 - 07, 2018, Messe Stuttgart, Germany, **Booth 4C33**
ANGACOM, June 12 - 14, 2018, Messe Köln, Germany, **Booth 7.B09**
Photonex Edinburgh, June 14, 2018, South Hall Complex, University of Edinburgh, UK, **Booth S5**
automatica, June 19 - 22, 2018, Messe München, Germany, **Booth B5.501**
Sensor+Test, June 26 - 28, 2018, Messe Nürnberg, Germany, **Booth 1.256**
Sensors Expo & Conference, June 27 - 28, 2018, San Jose, CA, USA, **Booth 225**
SPIE Optics+Photonics, August 19 - 23, 2018, San Diego, CA, USA, **Booth 527**
Photon 2018, September 04 - 05, 2018, Aston University, **Booth 5**
Photonex Europe, October, 10 - 11, 2018, Ricoh Arena, Coventry, UK, **Booth D15**
Vision, November 06 - 08, 2018, Messe Stuttgart, Germany, **Booth 1G31**
electronica, November 13 - 16, 2018, Messe München, Germany

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 220 employees worldwide.

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