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Press Release



Used for Water Desinfection

280 nm UV LEDs

One method to produce drinking water is sterilization via UV radiation at 280 nm. LASER COMPONENTS offers two UV LEDs at a wavelength of 280 nm, both of which are based on InAlGaN light diodes. They differ in their optical power: The LEUVA77G00HF00 with a wavelength of 275 nm and 10 mW and the LEUFVA66B-00HF00 at 278 nm and 1,6 mW.

The wavelengths in the UVC range are produced from an alloy of gallium nitride and aluminum nitride. UV LEDs do not need to warm up, have a long lifespan, and are light and compact. Thus, they are perfectly suited for effective use in remote and off-grid sterilization systems, such as, for example, airplanes. Due to direct current operation, a solar installation can also be used as the power supply.

More Information

<http://www.lasercomponents.com/de-en/lasers/leds/uv-leds/>

Trade Shows

Automate Trade Show 2015, Mar, 23-26, 2015, McCormick Place, Chicago, IL, **Booth 1199B**
OFC 2015, Mar, 24-26, 2015, Los Angeles Convention Center, Los Angeles, **Booth 2424**
DSS 2015, Apr 21-23, 2015, Baltimore Convention Center, Baltimore, MD, **Booth 1125**
Sensor+Test 2015, May, 19 - 21, 2015, Messe Nürnberg, Germany, **Booth 12.117**
Anga Com 2015, Jun, 09 - 11, 2015, Messe Köln, Germany
Sensors Expo & Conference 2015, Jun 9-11, 2015, Long Beach Convention Center, CA, **Booth 924**
LASER. World of Photonics 2015, Jun, 22 - 25, 2015, Messe München, Germany, **Booth B3.303**

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 170 employees worldwide.