

Detection of Infrared Radiation

Sensor Cards for the Wavelength Range 800 nm - 20 µm

LASER COMPONENTS presents four new conversion screens for the infrared wavelength range:

The LDT-008TL makes laser radiation visible in the wavelength range from 800 nm to 1600 nm. In a darkened room, minimum sensitivity is approximately 0.5 mW/cm² @ 1064 nm; the damage threshold for short-term exposure is almost 20 W/cm².

The IR sensor cards for the wavelength range from 1.5 µm to 20 µm are also new in the product portfolio. These detector cards are optimally suited for the radiation localization of Hol:YAG, Er:YAG, and CO₂ lasers.

Two versions are available each for these wavelength ranges: The high-power version up to 120 W/cm² and 50 W/cm² and the combined low-power/high-power version (low power up to 8 W/cm²).

More Information

<http://integration.lasercomponents.com/de-en/product/conversion-screens/>

Trade Shows

Optics & Photonics Sweden, Oct, 28 - 29, 2015, Alba Nova University, Stockholm, Sweden
Elmia Subcontractor, Nov, 10 - 13, 2015, Jönköping, Sweden
BiOS 2016, Feb, 13-14, 2016, Moscone Center, San Francisco, USA, **Booth 939**
Photonics West 2016, Feb, 16 - 18, Moscone Center, San Francisco, USA, **Booth 2023**
DCS 2016, Apr, 19 - 21, 2016, Baltimore Convention Center, USA
analytica, May, 10-13, 2016, Messe München, Germany **Booth, A2.500**
Sensor + Test, 10. - 12. Mai 2016, Messe Nürnberg, Germany, **Hall 1, Booth 256**

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.