

### High-Efficiency Violet LEDs

## LG Innotek Diodes Now Available at 415nm

With up to 2.5 W per single chip, the new violet LEDs from LG Innotek now offer particularly high power in an extremely small space.

LASER COMPONENTS sells these 415 nm LEDs at standard (130°) and narrow (55° and 75°) aperture angles. Both versions are integrated in a 3.5 mm x 3.5 mm SMD housing and feature a long lifespan of approx. 20,000 hours.

Depending on the application, customers may choose between two versions: Category G1 (General Performance) offers inexpensive LEDs with an optical power level of up to 1.3 W at 0.7 A. High-power applications can be equipped with Category H1, which offers a power level of 2.5 W at a current of 1.5 A. This is almost double the output power at only about one and a half times the price.

### More Information

[www.lasercomponents.com/de/produkt/uva-leds-365-415-nm/](http://www.lasercomponents.com/de/produkt/uva-leds-365-415-nm/)

### Trade Shows

**Photonex Coventry**, October 11 - 12, 2017, Ricoh Arena, Coventry, Great Britain, **Booth D15**  
**PIE Photonics West**, January 30 - February 01, 2018, San Francisco, USA, **Booth 1931**  
**Breko Glasfasermesse**, March 13 - 14, 2018, Messe Frankfurt, Germany  
**analytica**, April 10 - 13, 2018, Messe München, Germany  
**The Vision Show**, April 10 - 12, 2018, Boston, USA  
**SPIE Defense & Commercial Sensing**, April 17 - 19, 2018, Orlando, USA, **Booth 1029**  
**SPIE PHOTONICS Europe**, 24. - 25. April, 2018, Strasbourg, Frankreich  
**LaSys**, June 05 - 07, 2018, Messe Stuttgart, Germany  
**ANGACOM**, June 12 - 14, 2018, Messe Köln, Germany  
**automatica**, June 19 - 22, 2018, Messe München, Germany  
**Sensor+Test**, June 26 - 28, 2018, Messe Nürnberg, Germany  
**Sensors Expo & Conference**, June 27 - 28, 2018, San Jose, USA, **Booth 225**  
**Vision**, November 06 - 08, 2018, Messe Stuttgart, Germany  
**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 200 employees worldwide.