

### New Pattern Generators

## Extended Range of DOEs for Laser Module

LASER COMPONENTS presents an extended portfolio of pattern generators for FLEXPOINT laser modules. These new DOEs include several new patterns for green lasers with a wavelength of 520 nm, such as a green cross with an opening angle of more than 50° or a pattern featuring 15 parallel lines. Several new matrix patterns have also been added, including 10x10 and 4x6 matrices for green and a 5x15 grid for red light. For the first time, LASER COMPONENTS offers a pattern generator for a blue cross with a wavelength of 450 nm and an opening angle of more than 60°. Due to the rapidly growing field of 3D imaging, the company also added several new pseudo random pattern generators for red and infrared lasers modules.

Pattern generators are DOEs that divide laser beams into several dots or form them into patterns. Depending on the application, these can consist of circles, lines, crosses or dot matrices. LASER COMPONENTS offers FLEXPOINT laser modules with integrated pattern generators as well as separate removable DOEs in a plastic cap for multi-use with different laser modules. Each DOE is optimized for a specific wavelength.

### More Information Trade Shows

[www.lasercomponents.com/de-en/product/pattern-generators-for-flexpoint-laser-modules/](http://www.lasercomponents.com/de-en/product/pattern-generators-for-flexpoint-laser-modules/)

**Photonex Coventry**, October 11 - 12, 2017, Ricoh Arena, Coventry, Great Britain, **Booth D15**

**SPIE Photonics West**, January 30 - February 01, 2018, San Francisco, CA, USA, **Booth 1931**

**MD&M West**, February 06 - 08, 2018, Anaheim, CA, USA, **Booth 3593**

**Breko Glasfasermesse**, March 13 - 14, 2018, Messe Frankfurt, Germany

**EuroExpo**, March 21 - 22, 2018, Trondheim, Norway, **Hall E**

**analytica**, April 10 - 13, 2018, Messe München, Germany, **Booth A2.500**

**The Vision Show**, April 10 - 12, 2018, Boston, MA, USA, **Booth 410**

**SPIE Defense & Commercial Sensing**, April 17 - 19, 2018, Orlando, FL, USA, **Booth 1029**

**SPIE PHOTONICS Europe**, April, 24 - 25, 2018, Strasbourg, France, **Booth G325**

**Scandinavian Electronics Event**, April, 24 - 26, 2018, Kistamässan, Sweden, **Booth C08:49**

**LaSys**, June 05 - 07, 2018, Messe Stuttgart, Germany, **Booth 4C33**

**ANGACOM**, June 12 - 14, 2018, Messe Köln, Germany

**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**

**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.