

### Highest Luminance and Narrow Beam Angles All in One

## Automate 2019: Innovation in Bright and Directional Illumination

LASER COMPONENTS, specialized provider of components and services in the laser and optoelectronics industry, introduces the first laser-generated white light source that pairs highest light density with narrow beam angles. The so-called ALBALUX FM module is set to create a new innovation wave in illumination solutions for machine vision inspection systems with higher contrast and directional lighting. Announced earlier this year at the world leading SPIE Photonics West show, the company will be demonstrating the ALBALUX FM at Automate, Chicago, IL, April 08 – 11, 2019, booth# 8536.

ALBALUX FM is a novel white light module with remote fiber optic beam output and safe drive electronics in a compact enclosure. The core of the module features LaserLight technology, a patented visible laser-diode-pumped phosphor light that generates 100x the intensity of LED with 1,000 candela per square mm. The optimized fiber optic coupling of the ALBALUX FM ensures maximum emission of white, incoherent light of >150 lumens with 1/10 the beam angle of LED sources. In short, ALBALUX FM combines the reliable efficiency of LED with bright, narrow beams of metal halide and xenon for contrast-rich and precise illumination.

LASER COMPONENTS offers both the ALBALUX FM module and LaserLight source in flexible configurations to OEM system integrators who are looking for next-generation enhanced vision solutions.

### More Information

<https://www.lasercomponents.com/us/news-events/trade-shows/automate/>

### Trade Shows

**Automate**, April 08 – 11, 2019, Chicago, IL, USA, **Booth 8536**  
**SPIE DCS**, April 16 – 18, 2019, Baltimore, MD, USA, **Booth 524**  
**ANGACOM**, June 04 – 06, 2019, Cologne, Germany, **Booth 7.B9**  
**Photonex Glasgow**, June 05, 2019, University of Strathclyde, UK, **Booth G25**  
**Sensors Expo & Conference**, June 25 – 27, 2019, San Jose, CA, USA, **Booth 419**  
**LASER World of PHOTONICS**, June 24 – 27, 2019, Munich, Germany, **Booth B3.303**  
**SPIE Optics+Photonics**, August 13 – 15, 2019, San Diego, CA, USA, **Booth 425**  
**ECOC**, September 22 – 26, 2019, Dublin, Ireland, **Booth 337**

### 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 230 employees worldwide.