

## Sheaumann Laser Introduces Family of High-Power Single-Mode Diode Lasers

LASER COMPONENTS distributes a new family of high-power, single-mode laser diodes by Sheaumann Laser in 3mm (C3), 4mm (C4), and 6mm (C6) chip-on-submount lengths. The C6 provides up to 650mW average output power at 1064nm. The 980nm C3 and 785nm C4 reach an average of 500mW and 450mW, respectively. The 3mm and 4mm diodes are also available on Sheaumann's non-planar C-Mount and CL-Mount submounts.

The new diodes are the result of an internal innovation initiative. Sheaumann's technical team designed and qualified a new growth structure capable of producing reliable, high-power single-mode lasers, which can be bonded to compact and versatile submounts. Regarding his team's success, Sheaumann's president Gary Sousa stated, "We have successfully demonstrated reliability with longer chip lengths, which allows us to achieve significantly higher power levels across all of our wavelengths for single-mode. Our ability to custom design specific wavelengths and produce these new high power diodes is very unique in the industry, and we look forward to expanding this line and our capabilities in the near future." For Sheaumann's customers, these new products will play a key role in improving the performance of spectroscopy and lidar systems as well as enabling unique pumping applications.

### More Information

[www.lasercomponents.com/uk/product/edge-emitting-high-power-laser-diodes-1](http://www.lasercomponents.com/uk/product/edge-emitting-high-power-laser-diodes-1)

### Trade Shows

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.