

# NEWS RELEASE

## OSI Laser Diode, Inc.

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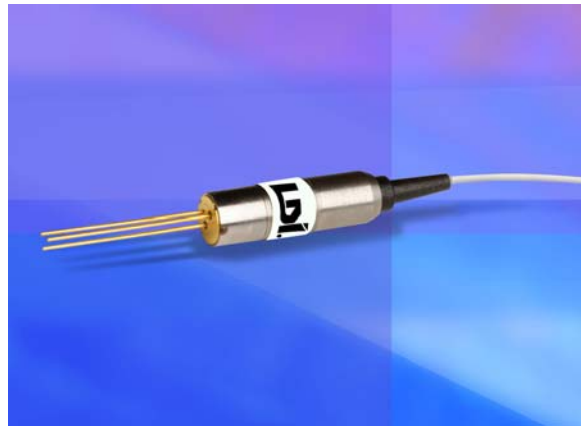
For Immediate Release

## OSI Laser Diode Premieres Blue Pulsed Laser Diode Module at LASER World of PHOTONICS

- The company introduces innovative 450 nm laser diode module in Hall B2, Booth 139 at LASER World of PHOTONICS, June 24 - 27, 2019, in Munich, Germany.

**EDISON, New Jersey – June 20, 2019 – OSI Laser Diode (LDI)**, a leading global supplier of advanced optoelectronics components, launches a blue 450-nm pulsed laser diode module which includes an electrostatic discharge (ESD) protection device. Packaged in a convenient, 3-pin coaxial format, the new **CVB 450-TO56R** is specially designed for demanding metrology applications.

Uniquely provided by OSI Laser Diode, the gallium nitride (GaN) laser diode module is optically coupled to a 200/230/500  $\mu\text{m}$  fiber pigtail, making it ideal for uncooled optical metrology tasks where pulsed optical power is required. Highly efficient, the CVB 450-TO56R is RoHS compliant. The compact, fiber-coupled coaxial package gives high-peak power in a highly flexible format. In combination with the high-resolution CCD, the **CVB 450-TO56R** offers outstanding metrology resolution.



OSI LDI's new blue laser diode module features peak optical power at 2 watts (minimum), an absolute maximum forward current at 2500 mA, with a threshold current of 300 mA (typical). The center wavelength is 450 nm (typical) with a 440 nm (minimum) and 460 nm (maximum) spectral range. The device has a spectral width (root mean square, or RMS) of 1 nm. Operating temperatures range from -40 °C to 85 °C.

To view specifications and download OSI LDI's new blue laser data sheet, go to:  
[https://www.laserdiode.com/product\\_pdf/CVB\\_450-TO56R\\_Preliminary\\_Marketing\\_Datasheet\\_Rev\\_IR.pdf](https://www.laserdiode.com/product_pdf/CVB_450-TO56R_Preliminary_Marketing_Datasheet_Rev_IR.pdf).

The proprietary product will premiere in Hall B2, Booth 139 at the 24<sup>th</sup> Annual LASER World of PHOTONICS in Munich, Germany, June 24 - 27, 2019.

To learn more about OSI LDI's full line of optoelectronic components, custom and OEM solutions, and/or standard products, please visit: [www.laserdiode.com](http://www.laserdiode.com).

**ABOUT THE COMPANY:**

OSI Laser Diode, Inc. (LDI) - [www.laserdiode.com](http://www.laserdiode.com), offers a comprehensive portfolio of optoelectronic devices, leveraged by extensive opto-assembly capabilities and experience. Our technical support team combines with our leading innovation, consistent quality, excellence in service, and timely delivery to maintain LDI's reputation as a global leader in the laser diode and photonics markets.

The company provides high-quality, high-reliability products and assemblies that serve a variety of markets including Test/Measurement, Defense/Aerospace, Commercial/Industrial, and Medical. Products include OTDR Lasers, High Power Pulsed & CW Lasers, PINFET's & PINAMPS, Telecom & Industrial Lasers, and more.

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