

# NEWS RELEASE

## **OSI Laser Diode, Inc.**

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For Immediate Release

## **OSI Laser Diode Introduces Triple-Wavelength TCW RGB TriBiner Visible Laser**

**Edison, NJ - March 10, 2016 – OSI Laser Diode, Inc. (LDI)**, an OSI Systems Company, announces the innovative TCW TriBiner fiber-coupled laser, the TCW RGBM-105R. The new triple wavelength device is a red, green, and blue (RGB) laser diode module that has been specifically designed to meet strict efficiency footprint requirements of the visible laser display market. The module couples all three wavelengths, 450 nm, 520 nm, and 638 nm, into a single output fiber pigtail. There are various fiber pigtail options available, depending on your application needs. OSI Laser Diode will showcase the new TCW TriBiner visible laser diode module at OFC in booth #3901, Anaheim Convention Center, Anaheim, California, March 22 - 24, 2016.



The optical power is typically 35 mW (operating at 25 degrees C) and spectral width (FWHM) is 2 nm for all three wavelengths. The continuous wave (CW) threshold current is: 30 mA for the 450 nm wavelength; 40 mA for the 520 nm wavelength; and 50 mA for the 638 nm wavelength. The operating temperature range (at rated drive conditions) is from -20 to +50 degrees C; storage temperatures (non-operational) range from -40 to +85 degrees C.

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Typical applications for OSI Laser Diode's new TCW RGBM-105R TriBiner include RGB displays, RGB projectors, and optical sensors. The RoHS compliant devices are available for shipping now. To learn more, please visit OSI LDI's booth #3901 at OFC, Anaheim Convention Center, Anaheim, California, March 22 - 24, 2016, or visit: [www.laserdiode.com](http://www.laserdiode.com).

## **ABOUT THE COMPANY**

**OSI Laser Diode, Inc. (LDI - [www.laserdiode.com](http://www.laserdiode.com))**, founded in 1967, is a global leader in laser diode technology, providing advanced optoelectronic products that serve the military/aerospace, telecom/datacom (short and long haul), commercial, industrial, and medical markets.

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