



## Luminus Expands Laser Product Portfolio with Red and Blue Multi-Mode Lasers

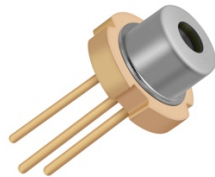
SUNNYVALE, Calif., January 27, 2025 - Luminus Devices, a leading provider of innovative solid-state lighting solutions, announces the expansion of its laser portfolio with new multi-mode red and blue lasers for laser projection, lighting, illumination, biometric monitoring, and materials processing applications.

The red multi-mode laser achieves 1.2W continuous wave output at 640nm in a TO56 package. Its advanced chip technology and electrically neutral case design enable superior thermal stability across diverse applications. The blue multi-mode laser delivers 2W minimum continuous wave output at 450nm, featuring an integrated Zener diode and TO56 package optimized for thermal conductivity and extended lifetime. Primary applications include stage lighting, illumination, and material processing applications like cutting and engraving.

"The launch of an expanded laser portfolio signifies our commitment to enhance our product span in opto-electronic solutions that meet the evolving needs of our customers," said Chun-Jui Lee, Luminus Laser Business Line Director. "After introducing ~100mW class single mode green and blue lasers last year, Luminus is expanding their offering with high output power laser packages, demonstrating continued achievements in fields such as laser epitaxy, chip processing and laser chip packaging."

The red laser introduction establishes Luminus as one of the few manufacturers offering complete RGB laser light sources, essential for white light reproduction. These lasers deliver excellent wall-plug efficiency, benefiting battery-powered systems while making laser light sources accessible across consumer, medical, life-sciences and industrial markets. Luminus plans to expand their laser portfolio with additional wavelengths and advanced packaging solutions.

Visit Luminus at Photonics West 2025, booth #2043, to discuss these and other opto-solutions.



For more information about Luminus, visit [www.luminus.com](http://www.luminus.com).

For a full list of features, applications and benefits email [sales@luminus.com](mailto:sales@luminus.com).

### About Luminus Devices

Luminus Devices develops and markets solid-state lighting solutions (SSL) to help its customers migrate from conventional lamp technologies to long-life and energy-efficient LED and laser illumination. Combining technology originated from the Massachusetts Institute of Technology (MIT) with innovation from Silicon Valley, Luminus offers a comprehensive range of LED and laser solutions for global lighting markets as well as high-output specialty lighting solutions for performance-driven markets including consumer displays, entertainment lighting and medical applications. Luminus is headquartered in Sunnyvale, California. For additional information please visit <http://www.luminus.com>.

**Contact:** Tom Jory

**E-mail:** [tjory@luminus.com](mailto:tjory@luminus.com)