



NEWS RELEASE

# Lumentum Showcases New Technologies And Solutions

2018-01-30

Full Spectrum of Products at SPIE Photonics West 2018  
MILPITAS, Calif., and SAN FRANCISCO, Jan. 30, 2018 /PRNewswire/ -- Lumentum Holdings Inc. ("Lumentum") will showcase its latest photonics-based products supporting the dynamic 3D sensing, industrial diode laser, and commercial laser markets at [SPIE Photonics West](#) in San Francisco, Calif., from January 30–February 1, 2018 at Moscone Center in the South Hall in booth #1123.

## 3D Sensing

Lumentum has a wide range of diode laser products for [3D sensing](#) applications and has developed significant partnerships with companies supporting the growing 3D sensing market. Several of these partners will have information and displays of products incorporating Lumentum's diode lasers in the Lumentum booth.

Lumentum partner [Himax](#), with their SLiM™ module for mobile device platforms, incorporates a Lumentum diode laser, wafer-level optics (WLO), laser drivers, diffractive optical elements (DOE) and additional semiconductor components for Face ID facial authentication.

Another 3D sensing partner, [Orbbec](#), uses Lumentum diode lasers in its [Astra mini](#) camera. This highly compact platform is ideal for a wide range of settings, including gesture control, robotics, 3D scanning, and point cloud development for mobile devices ranging from schools to industrial environments, and even retail locations.

Lumentum diode lasers support [Occipital's Structure Sensor](#) 3D sensor for mobile devices and enable applications like 3D scanning, large-scale 3D mapping of rooms and buildings, and inside-out positional tracking for AR/VR headsets. Occipital also leverages Lumentum diode lasers for its [Bridge](#) headset for mixed-reality, where users can see virtual content mixed seamlessly with their real-world environment.

## Lumentum Pump Lasers

Lumentum fiber coupled pump lasers are used by customers globally in demanding industrial applications including fiber laser pumping and materials processing.

The Lumentum 200 W fiber-coupled diode pump laser -- [the ST2™](#) -- is now in high-volume production and deployed at customers globally. Introduced at SPIE Photonics West 2017, the ST2 recently completed a 10,000-hour reliability test ensuring endurance and power stability to withstand prolonged use in harsh manufacturing settings. In addition to the ST2, Lumentum has a full portfolio of advanced fiber-coupled devices leveraging the low-cost L4 platform.

## Ultrafast Industrial Lasers

Global customers rely on Lumentum ultrafast industrial lasers for their most demanding and complex micromachining jobs.

Lumentum's [PicoBlade™ 2](#) is now in volume production. Its outstanding UV-reliability, a field-proven feature of Lumentum's high-power Q-Series™ diode-pumped UV lasers, is increasingly a critical requirement for customers and their demanding applications. Also, customers that leverage PicoBlade's other features: [FlexBurst™](#), [MegaBurst™](#), [Sync™](#), and [AccuTrig™](#) can easily control pulse format, pulse timing, and energy for faster throughput.

## CORELIGHT™- Next Generation Kilowatt-Class Fiber Laser Engines

The next generation [CORELIGHT YLE](#) fiber laser engines—highlighted at SPIE Photonics West 2017—are now available in production volumes. Offered in single-module 2 kW and 3 kW systems and multi-module 4 kW, 6 kW and 9 kW systems, these cost-effective and highly-configurable fiber laser systems are deployed globally supporting customers in a wide variety of challenging cutting, welding, and material deposition applications. Customers now have additional configuration options to differentiate their latest machine tool offerings. CORELIGHT's exceptional beam characteristics enable high-quality and high-speed cutting performance of mild steel, stainless steel, aluminum, copper, brass, and many other materials. CORELIGHT products meet high-reliability standards critical for high-volume industrial environments.

## About Lumentum

Lumentum (NASDAQ: LITE) is a market-leading manufacturer of innovative optical and photonic products enabling optical networking and commercial laser customers worldwide. Lumentum's optical components and subsystems are part of virtually every type of telecom, enterprise, and data center network. Lumentum's commercial lasers enable advanced manufacturing techniques and diverse applications including next-generation 3D sensing capabilities. Lumentum is headquartered in Milpitas, California with R&D, manufacturing, and sales offices worldwide. For more information, visit [www.lumentum.com](http://www.lumentum.com).

## Contact

**Investors:** Chris Coldren, 408-404-0606; [investor.relations@lumentum.com](mailto:investor.relations@lumentum.com)

**Media:** Greg Kaufman, 408-546-4593; [media@lumentum.com](mailto:media@lumentum.com)

"ST2", "PicoBlade", "Q-Series", "FlexBurst", "MegaBurst", "Sync", "AccuTrig", and "CoreLight" are trademarks of Lumentum and may be registered in certain jurisdictions.

"SLiM" is a trademark of Himax Technologies, Inc. and/or Qualcomm Technologies, Inc.

"Astra Mini" is a trademark of Shenzhen Orbbec Co., Ltd

"Structure Sensor" and "Bridge" are trademarks of Occipital, Inc.

View original content:<http://www.prnewswire.com/news-releases/lumentum-showcases-new-technologies-and-solutions-300590460.html>

SOURCE Lumentum