

Excelitas Technologies to Highlight New Medical Illumination, Curing and Light Detection Solutions at BIOMEDevice

WHO: [Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, will display its new illumination and curing systems for medical applications at [BIOMEDevice](#) in Boston, MA.

WHAT: Products at Excelitas' exhibit (booth 364) include:

- [XLMii™ LED Fiber Optic Light Source](#): Offering medical device OEMs simplified integration of LED illumination for endoscopy, surgical microscopy and surgical headlamps, the LED fiber optic light source features configurable components that can be quickly adapted to customer requirements, including optional integrated NIR laser or LED source. Product design time can be significantly reduced, allowing for shorter time-to-market.
- [μPAX-2 Pulsed Xenon Light Source](#): μPAX-2 combines an innovative lamp design with state-of-the-art circuitry and components into a packaged Xenon light source that simplifies integration. This compact solution contains the flash lamp, trigger circuit and power supply in an EMI-suppressant enclosure. Applications for μPAX-2 include UV/Vis spectrophotometry, point-of-care analytics, environmental and absorption analysis, fluorescence triggering, immunoassays and microplate readers.
- [X-Cite® Vitae™ v/R](#): A customizable, multi-wavelength illumination system for medical illumination and diagnostic applications, X-Cite Vitae v/R is designed to replace traditional 180W or 300W xenon sources. This high brightness, solid-state white light source features adjustable color temperature and repeatable output in an easily-integrative turnkey system. X-Cite Vitae v/R also offers a unique capability to shape the spectrum in accordance with the camera being used to obtain the desired color temperature in an image for accurate diagnosis.
- [OmniCure® LX500 UV LED Spot Curing System](#): Featuring up to four LED heads with up to 16W/cm² peak irradiance and proprietary feedback technology, OmniCure LX500 provides the highest irradiance available with unmatched optical stability for consistent and repeatable assembly of medical devices with lower costs. It is designed for use in medical devices such as catheters, cannulas, endoscopes and syringes, and electronics applications.
- [HeliX™ Silicon Avalanche Photodiode \(SiAPD\) Module](#): This compact, easy-to-use, analogue low-light-level detection (L³D) module employs Excelitas' leading SiAPD chips. The detector is in a hermetic TO package, mounted on a practical OEM based PCB, which includes high-voltage power supply, temperature compensation, a low-noise transimpedance amplifier, APD bias monitor and micro-controller. The HeliX voltage-output module is ideal for fluorescence measurement, analytical instrumentation, flow cytometry,



confocal laser endomicroscopy and laser scanning ophthalmology applications.

Company experts will be on site at the show or available by phone in advance of the conference to provide updates on its market-driven photonic solutions.

WHEN: May 3 – 4, 2017

WHERE: [Boston Convention and Exhibition Center](#), Boston, MA. Booth 364.

For more information about Excelitas products, visit www.excelitas.com.

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About Excelitas Technologies

Excelitas Technologies Corp. is a global technology leader focused on delivering innovative, high-performance, market-driven photonic solutions to meet the lighting, detection and optical technology needs of global customers. From biomedical technology to research laboratory, safety and security, consumer products, semiconductor, energy and environment, industrial sensing & imaging, defense and aerospace, Excelitas Technologies is committed to enabling our customers' success in their end-markets. Excelitas Technologies has approximately 5,500 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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