



## Excelitas Technologies' New XLMii LED Fiber Optic Light Source Streamlines Medical Device Integration

*Next-Generation LED Light Source Offers High Output and High Color Rendering Index (CRI) for Endoscopy, Surgical Microscopy and Surgical Headlamps*



**WALTHAM, Mass., February 16, 2016** – [Excelitas Technologies® Corp.](#), a global technology leader focused on delivering innovative, customized photonic solutions, today unveiled the new [XLMii™ LED Fiber Optic Light Source](#) for medical applications. The XLMii™ is designed to provide superior performance and easy customization to address medical device OEMs' requirements while simplifying integration of LED light sources into endoscopic and other medical systems.

The Excelitas XLMii Fiber Optic Light Source features pre-designed, configurable components that can be quickly and easily adapted to specific customer requirements for electronic control and mechanical interfaces. As a result, product design time for the most critical medical lighting requirements can be significantly reduced, allowing for shorter time-to-market. Configurable components include different fiber interfaces (i.e. turret or direct light guide coupling), optics, fan and heat sink, light output characteristics (xenon-equivalent output and high CRI sources), housing, and control electronics.

Key features include:

- High lumen output equivalent to xenon performance
- Up to 92 CRI for optimal color rendering
- Adaptable platform allowing for mechanical, optical and electrical customization to increase speed to market and reduce design costs
- Compact size and low profile for easy integration
- Integrated turret or direct coupling for easy fiber connection
- Flexible electronic controls without firmware to minimize testing
- Adjustable intensity control – pulsed width modulation (PWM), direct current control, or both
- Configurable sheet metal frame to adapt easily to any customer housing
- Extended service life and exceptional energy efficiency

Excelitas' new XLMii Fiber Optic LED Light Source is designed for integration into [endoscopy](#), [surgical microscopy](#), [surgical headlamp](#) and other medical devices where [LED light sources](#) are replacing xenon technology due to their longer life and lower-cost maintenance.

“The new Excelitas XLMii Fiber Optic LED Light Source is an ideal choice for medical device OEMs looking to streamline new product development,” said Oliver Scheuss, Vice President of Solid State Lighting and UV/Microscopy at Excelitas Technologies. “The flexible platform and configurable component options make it convenient and cost-effective for customers to optimize and easily integrate with their designs.”



For more information about Excelitas Technologies Corp. and its XLMii Fiber Optic LED Light Source, please visit [www.excelitas.com](http://www.excelitas.com) or [www.excelitas.com/Pages/Product/XLMii.aspx](http://www.excelitas.com/Pages/Product/XLMii.aspx).

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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 other technology needs of global customers. From biomedical technology to research laboratory, safety and security, consumer, semiconductor, industrial, energy and environment, as well as defense and aerospace applications, 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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