



Excelitas Technologies® Enhances Biomedical Product Line with X-Cite® mini+ for Fluorescence Imaging Applications

New White Light LED Light Source is Compact, Air-Cooled and Delivers More Power to the Sample Plane



WALTHAM, Mass., March 4, 2019 – [Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, introduces the [X-Cite® mini+](#) white light LED light source for fluorescence imaging applications. An enhanced version of the popular X-Cite 120LED*mini*, the X-Cite mini+ features improved LED technology to deliver more power to the sample plane than any of Excelitas' previous direct-coupled systems. The X-Cite mini+ is the perfect choice for routine fluorescence imaging with enough power to replace mercury sources in budget-constrained labs and clinical facilities.

X-Cite mini+ offers higher power in the 500nm-600nm wavelength range for TRITC and mCherry, enabling faster imaging time and better excitation for dim specimens. It leverages the latest LED industry advancements to improve output efficiency and maintain cost effectiveness, without the need for liquid cooling.

Additional X-Cite mini+ product improvement and features include:

- Broad spectrum LED output from 360nm-700nm and a choice of 365nm or 385nm UV wavelengths. The XTML model features a 385nm LED, which matches the UV output of its predecessor, for a simple drop-in replacement solution. The XTMS model includes a powerful 365nm LED compatible with standard narrow DAPI filter sets, making it an ideal replacement for mercury sources.
- Direct coupling to enable a maintenance-free system with no consumables.
- Intuitive manual operation with speedDIAL, foot pedal, USB and TTL control options, compatible with standard X-Cite command set, for seamless integration and convenient control options for any instrument configuration, from basic to fully automated operation.

“The X-Cite mini+ white light LED light source provides clinical, diagnostic and microbiology labs with an economically-priced LED alternative to mercury sources,” said Michelle Gal, Senior Product Manager at Excelitas Technologies. “Delivering more power than its predecessor, X-Cite mini+ provides the output power of higher-end illuminators in a compact, air-cooled and lower cost system.”

The new X-Cite mini+ will make its debut at Excelitas Booth #346 during the [63rd Annual Meeting of the Biophysical Society](#).

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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, optronics, detection and optical technology needs of global customers. Serving a vast array of applications across biomedical, scientific, safety, security, consumer products, semiconductor, industrial manufacturing, defense and aerospace sectors, Excelitas Technologies stands committed to enabling our customers' success in their end markets. Excelitas Technologies now has approximately 6,700 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

Visit <http://www.excelitas.com> for more information.

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