



Excelitas Technologies Introduces X-Cite NOVEM LED Illuminator

Powerful Illuminator Designed for Challenging Imaging Applications



WALTHAM, Mass, December 10, 2020 – [Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, introduces [X-Cite® NOVEM](#) as the latest addition to its fluorescence illumination product line. The new LED illuminator is ideally suited for challenging imaging applications that require high excitation power and individual wavelength control including slide scanning, live cell imaging, FISH, Fura-2 ratiometric imaging and general fluorescence microscopy.

The light guide coupled, high power, 9-channel wavelength-switching X-Cite NOVEM illuminator offers spectral ranges for applications from Fura-2 to IR800 (340nm - 785nm). The product's high power reduces scan time for multiplex imaging, and its pre-installed filters simplify system setup. X-Cite NOVEM also features efficient cooling and quiet operation, even when running at full capacity.

To accommodate the spectral requirements of specific imaging applications, this new X-Cite product is available in four standard wavelength combinations. In addition, Excelitas' patented LaserLED Hybrid Drive® technology provides increased excitation in the 500nm - 600nm band range where X-Cite NOVEM's 4-position motorized filter changer will automatically isolate specific spectral bands.

"X-Cite NOVEM combines individual LED control with the power and rich spectra of X-Cite XYLIS, and is designed to help researchers tackle challenging imaging applications," said Michelle Gal, Excelitas Senior Product Manager, X-Cite. "The performance of X-Cite NOVEM is impressive and the response from field tests has been very enthusiastic."

Excelitas X-Cite NOVEM is now available for purchase. Visit the [NOVEM webpage](#) for more information or the [X-Cite Illuminators webpage](#) for an overview of Excelitas' wide range of lamp and LED light sources for fluorescence microscopy applications.

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About Excelitas Technologies

Excelitas Technologies® Corp. is a photonics technology leader focused on delivering innovative, high-performance, market-driven solutions to meet the lighting, optronics, detection and optical technology needs of our OEM customers. Serving a vast array of applications across biomedical, scientific, safety, security, consumer products, semiconductor, industrial manufacturing, defense and aerospace sectors, Excelitas stands committed to enabling our customers' success in their end-markets. Our photonics team consists of 7,000 professionals working across North America, Europe and Asia, to serve customers worldwide. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).



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

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