



Excelitas Introduces Cermax® MX300 Series Xenon Lighting for Medical Industry

Enhanced Metal-Bodied Lamp Delivers Increased Output, Longer Lifetime and Improved Cooling for High-Performance Medical Illumination Applications

WALTHAM, Mass., November 7, 2017 – [Excelitas Technologies® Corp.](#), a global technology leader focused on delivering innovative, customized photonic solutions, introduces the new [Cermax® MX300 Series](#) as the latest innovation to the [Cermax Medical Family of Xenon Lamps](#). Designed with a unique, rugged metal-body, the Cermax MX300BF and MX300BFM modules operate within a 250-325 Watt-range and deliver 20% more output than alternative 300W Xenon sources on the market.

The newly designed Xenon short-arc lamp integrates a diamond-turned, high precision reflector to deliver higher output than a standard 300W lamp. This improved output provides enhanced coupling into smaller fibers for maximum optical output efficiency. MX300 technology is ideal for medical endoscopy, surgical headlamp illumination, biofluorescence, robotic surgery equipment and other medical illumination applications demanding a perfect, bright, white light source.

The compact Cermax MX300BFM Xenon lamp module is easily integrated, and combines a high-density aluminum heat-sink design to ensure exceptional cooling performance for OEM applications worldwide. This improved thermal management effectively extends lamp lifetimes, and reduces light quality degradation over the service life of the light source.

“Our Cermax Family of Xenon Lamps are a trusted brand, which have set the medical industry standard for high-intensity, perfect bright, white, light in medical lighting applications for over 30 years,” said James Clements, Cermax Product Manager at Excelitas Technologies. “As our latest innovation, the metal-bodied Cermax MX300 Series of products represent our on-going commitment to the healthcare industry. The Cermax MX300 Series provides improved thermal management with extended lamp lifetimes, and delivers greater light intensity and étendue efficiency for superior light source performance.”

The Cermax MX300 Series of Xenon Lighting will be on display at [COMPAMED](#) Excelitas Exhibit: Hall 8b / K30, November 13 – 16, 2017 in Düsseldorf, Germany. For more information, visit <http://www.excelitas.com/Pages/Product/Cermax-MX300.aspx> or contact Excelitas to schedule a meeting at the event.

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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 acquired Qioptiq in 2013 and now has approximately 5,500 employees in North America, Europe and Asia, serving



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Contacts:

Scott Orr
Senior Director of Global Marketing - Commercial
scott.orr@excelitas.com
781.996.5925

Cheryl Reynhout or Jill Anderson
On Behalf of Excelitas Technologies Corp.
SVM Public Relations
excelitas@svmmarcom.com
401.490.9700

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