



Excelitas Technologies Introduces Cermax IR Lamp

New IR-emitting light source offers flexibility, far-field projection and wide range performance



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– [Excelitas Technologies® Corp.](#), a global technology leader focused on delivering innovative, customized photonic solutions, today introduced [Cermax IR](#), a new IR-emitting light source that offers flexibility, far-field projection and a wide range of performance response for security, environmental monitoring and other applications.

The next-generation Cermax IR leverages Excelitas' broad experience with IR-emitting light sources to offer the widest, most flexible array of versatile noble fill-gases available, including Krypton and different-ratio mixes of Xenon/Krypton. New technology enhancements and extended gas-fill capabilities in the Cermax IR product line enable very long ranges and emissions over a broader field in comparison to other products on the market. The IR output level can be customized for specific application requirements.

Cermax IR uses the same rugged, reflector-integrated body as Excelitas' other industry-recognized medical and industrial Cermax products. It is designed for use in domestic security, environmental monitoring and gas detection (e.g., for refineries and chemical processing plants, etc.), for border control applications, and semiconductor wafer defect detection.

"The Cermax IR Series offers the advantage of creating a very broad array of spectral outputs since each of the fill gases and their ratios have a unique IR fingerprint," said James Clements, Product Manager at Excelitas. "This allows OEMs and Design Engineers the ability to tailor their product design to a specific set of performance characteristics, with unprecedented IR emitting flexibility."

In addition to various gases and fill pressures, a tremendous range of wattages, from 125 W to 2.4 kW, is available in the highly efficient, robustly designed and easily integrated Cermax IR.

Excelitas' new Cermax IR will be showcased at Sensors Expo (booth #1022) June 27-28 in San Jose, CA. For more information about Excelitas, 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 acquired Qioptiq and Lumen Dynamics in 2013 and now has approximately 6000 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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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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