



FOR IMMEDIATE RELEASE:

Excelitas Technologies Introduces Cermax PE300BFX and PE322BFX Xenon Short-Arc Lamps

Enhanced lamps provide extended life and universal base to support more system designs for medical illumination applications



Pittsburgh, Pa., Sept. 10, 2024 – [Excelitas Technologies® Corp.](#), the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets, introduces the enhanced [Cermax® PE300BFX and PE322BFX](#) Xenon short-arc lamps for use in hospital diagnostic, surgical endoscopy and microscopy OEM applications.

As the latest addition to the Cermax Ceramic Body Parabolic Xenon Lamp family, both Cermax arc lamps include a universal 7-hole base with several mounting options to support integration with a wide range of system designs, using traditional or unique sockets. Utilizing advancements in material science and enhanced manufacturing controls, the PE300BFX and PE322BFX offer an extended, 1000-hour warranty for longer lifespans. The PE300BFX meets the same output performance as the flagship PE300BFA lamp, while the PE322BFX delivers 10% higher output, which is maintained over its lifetime.

Cermax Xenon lamps from Excelitas feature a short-arc plasma paired with an internal reflector encased in a rugged and compact ceramic body. This construction incorporates the ideal approach to achieve high-intensity focused output for use in demanding applications such as clinical or hospital diagnostic and surgical endoscopes, microscopes, high brightness projection systems and more.

Key attributes of the PE300BFX and PE322BFX lamps include:

- 1,000-hour warranty (2,000 hours typical lifespan)
- Universal 7-hole base
- High-intensity illumination
- Power range of 180-320 Watts
- Broad spectral range with 5900° Kelvin color temperature

“Since first introducing our Cermax Xenon lamp technology to the market in the 1980s, Cermax has become the industry standard for compact Xenon short arc lamps,” said Kevin Tong, Product Manager at Excelitas Technologies. “Entering the market to commemorate the 45th anniversary of the Cermax brand, our new PE300BFX and PE322BFX lamps provide suppliers involved in hospital diagnostic and surgical endoscopes and microscopes with the utmost flexibility in choice of post-processing, light-shaping optics.”

For more information about Excelitas Cermax Xenon lamps, please visit <https://www.excelitas.com/product/pe300bfx-series-long-life-xenon-ceramic-body-parabolic-lamps-300w>.

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About Excelitas Technologies Corp.

Excelitas is the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of photonic technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide.

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