

Excelitas Technologies Launches Motorized LINOS Beam Expander 1x-4x UV for 340 nm-360 nm Wavelength Range

New Compact Motorized Beam Expander with Colorless Anodizing Provides Ideal Solution for UV Applications



WALTHAM, Mass., June 7, 2022 – [Excelitas Technologies® Corp.](#), a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions, introduces the [LINOS® Beam Expander 1x-4x for the 340 nm-360 nm](#) wavelength range. As the latest expansion to Excelitas' family of motorized LINOS beam expanders, the new variant enables a continuous motorized change of the laser beam diameter between factor 1x and 4x including divergence correction. Its compact optical and mechanical design is optimized for use in the UV wavelength, making it ideal for a variety of UV applications including manufacturing

in the consumer electronics, display and PCB markets.

Features and benefits of the LINOS Beam Expander 1x-4x for the 340 nm-360 nm:

- High quality fused silica lenses
- High-end broadband coating for high power and short pulse applications
- Colorless anodized
- Variably motorized adjustable widening between 1x and 4x including divergence correction
- Option for a freely programmable communication interface to enable automation

“With over 30 years of experience in the development of optical systems for laser material processing, our broad selection of motorized LINOS beam expanders are well known for their ability to meet the most stringent requirements,” said Matthias Koppitz, application engineer at Excelitas. “Our new LINOS Beam Expander 1x-4x for the 340 nm-360 nm wavelength range continues on this legacy. Its smaller, more compact size with colorless anodizing delivers reliability across every aspect of your laser system’s photonic demands for the manufacturing of a wide range of UV applications.”

The new LINOS Beam Expander 1x-4x for the 340 nm-360 nm will be featured at LASYS in Stuttgart, Germany, June 21 – 23, 2022 (Excelitas Booth # 4E13, Hall 4). For additional information, please visit the product webpage at: <https://www.excelitas.com/product/linos-motorized-variable-magnification-beam-expander>.

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About Excelitas Technologies

Excelitas Technologies® Corp. is a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions to meet the illumination, optical, optronic, sensing, detection and imaging needs of our OEM and end-user customers. Serving a vast



array of applications across biomedical, scientific, semiconductor, industrial manufacturing, safety, security, consumer products, defense and aerospace sectors, Excelitas stands committed to enabling our customers' success in their many various end-markets. Our team consists of more than 7,500 professionals working across North America, Europe and Asia, to serve customers worldwide.

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