

Qioptiq Introduces New UV LINOS F-Theta-Ronar Lens for 340-360nm

70mm Telecentric F-Theta-Ronar Lens Delivers Increased Scan Field and Small Spot Size for Laser Material Processing Industry



WALTHAM, Mass., May 23, 2017 – [Qioptiq](#), an [Excelitas Technologies®](#) Company and global technology leader in delivering innovative optical and photonic solutions, introduces its new telecentric UV LINOS 70mm F-Theta-Ronar Lenses for 340-360nm. The latest edition to the popular LINOS product line features a bigger scan field (28x28mm²) with 5µm spot size, making it ideal for micromachining in the semiconductor, electronic and display markets for ultraviolet-pulsed laser applications.

The UV F-Theta-Ronar Lens for 340-360nm includes an angle corrected coating for stable transmission over the entire scan field and for a more stable focus position and process. The fused silica LINOS 70mm lens is one out of many available lenses from Qioptiq's UV series, which includes additional telecentric and non-telecentric lenses with varying focal lengths available to meet customer specifications. The new UV F-Theta-Ronar Lens product features:

- Telecentric lens with special optical design and advanced technology for minimized spot size variation.
- Fused silica to deliver high transmission and reduced thermal focus shift.
- Angle-optimized broad band coating to enable the use of various laser sources with different wavelengths and low absorption.
- 5µm spot size capability for microstructures, holes and processes.

“We are extremely excited to expand our range of scan lenses with the introduction of the UV LINOS 70mm F-Theta-Ronar Lens for 340-360nm,” said Matthias Koppitz, Application Engineer at Qioptiq. “Its 100% measured performance values for variables such as spot size, transmission and focal length meet the growing demands for precision from our customers across the laser material processing industry.”

Qioptiq's new UV LINOS 70mm F-Theta-Ronar Lenses for 340-360nm will be featured at [Laser World of Photonics](#), June 26-29, 2017 in Munich, Germany (Booth B1 #103). For more information, visit [our events page](#).

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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 customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).



About Qioptiq

Qioptiq, an Excelitas Technologies Company, designs and manufactures photonic products and solutions that serve a wide range of markets and applications in the areas of medical and life sciences, industrial manufacturing, defense and aerospace, and research and development. Qioptiq benefits from having integrated the knowledge and experience of Avimo, Gsänger, LINOS, Optem, Pilkington, Point Source, Rodenstock, Spindler & Hoyer and others. In October 2013, Qioptiq was acquired by Excelitas Technologies Corp., a global technology leader focused on delivering innovative, customized solutions to meet the lighting, detection and other high-performance technology needs of OEM customers. The combined companies have approximately 5,500 employees in North America, Europe and Asia, serving customers across the world. Visit <http://www.qioptiq.com> and <http://www.excelitas.com> for more information. Connect with Qioptiq on [LinkedIn](#) and [Twitter](#).

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