



## Excelitas Technologies Introduces LINOS Telecentric F-Theta-Ronar 250mm Lens for Laser Material Processing



**WALTHAM, Mass., October 6, 2020** – [Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, today introduced its [LINOS® Telecentric F-Theta-Ronar 250mm lens for 515nm-540nm](#). The first standard F-Theta lens to include FEM simulation, the new 250mm features an interchangeable, coated protective glass made of fused silica and advanced mounting technologies for a large telecentric scan field.

Ideal for use in laser material processing applications such as PCB drilling and nonferrous metal processing welding, cutting and additive manufacturing, F-Theta-Ronar 250mm lenses offer high-power suitability combined with the following advantages:

- Large effective focal length allowing a very large working distance position
- Telecentric design of  $<0.5^\circ$
- Fused-silica design with an entrance aperture of 14mm
- FEM simulation
- Interchangeable, coated protective glass made of fused silica
- Standard M85x1 connecting thread

“We are continually adding new optical lenses leveraging the most advanced technologies and capabilities to our LINOS F-Theta-Ronar product family, as part of our commitment to offering our customers the most high-precision performance achievable for a variety of laser material processing system applications,” said Matthias Koppitz, Application Engineer at Excelitas. “The new F-Theta-Ronar 250mm for 515-540nm is the first lens on the market with a telecentric design that works at this focal length with a 14mm entrance aperture.”

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### About Excelitas Technologies

Excelitas Technologies® Corp. is a photonics technology leader focused on delivering innovative, high-performance, market-driven solutions to meet the lighting, optronics, detection and optical technology needs of our OEM customers. Serving a vast array of applications across biomedical, scientific, safety, security, consumer products, semiconductor, industrial manufacturing, defense and aerospace sectors, Excelitas stands committed to enabling our customers' success in their end-markets. Our photonics team consists of 7,000 professionals working across North America, Europe and Asia, to serve customers worldwide. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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