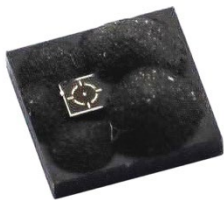




FOR IMMEDIATE RELEASE:

Excelitas Launches SharpDot Reticle LED—A New Standard for Precision Targeting in Red Dot Sights

New SharpDot Reticle LED Offers Extended Battery Life and Customizable Targeting in Red and True Green



Pittsburgh, Pa., June 23, 2025 – [Excelitas®](#), a 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, is proud to introduce the [SharpDot™ Reticle LED](#), a next-generation point-source LED designed to elevate performance and precision in red dot sight applications for firearms and optics systems.

Engineered with high-efficiency resonant cavity LED (RCLED) technology, the SharpDot Reticle LED delivers extended battery life and enhanced visibility in both daylight and low-light conditions—including night vision scenarios. Its customer-selectable reticle feature allows users to toggle between a central dot (for long-distance targeting), an outer ring (for close-range acquisition), or both—providing improved target acquisition in the field.

Housed in a low-reflectivity matte black finish, this LED minimizes glare and enhances dot clarity on target. It is offered in standard red and true green colors, giving optics manufacturers a rare off-the-shelf green dot option in a market where such availability is limited.

Designed for surface-mount technology (SMT) integration, Excelitas SharpDot Reticle LED simplifies manufacturing and speeds up time-to-market. It is RoHS compliant and ready to support global red dot sight manufacturers, especially those seeking a reliable, energy-efficient, and easily integrated LED module.

“This new SharpDot product answers the need for greater precision and flexibility in reticle design while helping customers extend battery performance,” said Mark Gaston, Director, Product Management SSL & Analytical at Excelitas. “It’s an ideal solution for both high-volume OEMs and emerging optics brands seeking a standard yet innovative reticle component.”

The new SharpDot Reticle LED is available immediately. For more information, please visit <https://www.excelitas.com/product/sharpdot-point-source-leds>. It will be on display at Excelitas Booth #110 in Hall B1 during [Laser World of Photonics 2025](#), June 24 - 27, 2025 in Munich, Germany.

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**About Excelitas**

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

Excelitas is at the forefront of addressing many of the relevant megatrends impacting the world today, including precision medicine, industrial automation, artificial intelligence, and connected devices (IoT).

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