



MEDIA ADVISORY

October 7, 2025

Excelitas to Display UV and UV LED Spot and Area Curing Systems for Industrial Manufacturing at The ASSEMBLY Show 2025

WHO: [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 and avionics sectors, will display its wide range of UV and UV LED spot and area curing systems for industrial manufacturing at [The ASSEMBLY Show](#).

WHAT: Excelitas experts will be at booth #645 to discuss featured UV curing systems, which help manufacturers achieve controlled and repeatable UV assembly processes for improved product yields and maximum reliability. Products on display will include:

- [OmniCure® S2000 Elite UV Curing System](#): The new generation lamp-based S2000 Elite UV spot curing system offers the highest reliability and quality for light curing adhesive processes. With enhanced productivity, precision and security, the system redefines UV spot curing while enabling next level control and usability for the most demanding applications. Combined with the [R2000 UV Radiometer](#) for system calibration, S2000 Elite provides the ultimate curing solution with unmatched control and repeatability to meet the demands of industry 4.0.
- [OmniCure LX500 UV LED Spot Curing System](#) and [V3 UV LED Heads](#): The OmniCure LX500 LED Spot Curing System with V3 UV LED Heads delivers industry-leading optical output and built-in calibration support for consistent, controlled and repeatable UV curing in high-throughput industrial manufacturing applications. The LX500 includes proprietary Intelli-Lamp® technology that monitors temperature and usage parameters to maintain unmatched $\pm 5\%$ stability in the optical output of up to four LED heads simultaneously. V3 UV LED Heads feature next-generation high-output LEDs, delivering up to 22 W/cm² peak irradiance and 1100 mW power with an exceptionally uniform beam profile, available in standard 365, 385, 395 and 405 nm wavelength options.
- [OmniCure AC8-HD \(High Dose\) UV LED, Large-Area Curing Systems](#): The AC8-HD series is designed with innovative technology to enable exceptional output uniformity across the irradiation area—making it ideal for large-area curing applications that demand high dosage including industrial, electronics manufacturing, medical, wood coating, touch panel/display, solar panel, conformal coating, automotive and print. The air-cooled AC8150P-HD, AC8225P-HD and AC8300P-HD models deliver over 15 W/cm² peak irradiance and double the dose of the standard AC8 series of products. They are available in 385, 395 and 405 nm wavelength options.
- [Phoseon® FireJet™ UV LED Curing Systems](#): The FireJet ONE is a high-performance air-cooled UV LED curing system designed for curing inks, coatings and adhesives where high power in a compact design is essential. Available in

widths ranging from 75 mm to 375 mm, FireJet ONE lamps can be easily scaled by placing units next to each other and daisy-chaining them together.

- [Phoseon FireLine™ FL400-i UV LED Curing Systems](#): The FireLine FL400-i Industrial UV LED Curing System, designed specifically for demanding industrial coating and adhesive applications. Building on the proven performance of the FireLine FL400, the new FL400-i introduces ruggedized housing and enhanced sealing to ensure reliable operation in harsh, high-contaminant manufacturing environments.
- [Fusion UV® F300S Microwave-Based UV Curing System](#): Fusion UV F300S is a production-proven 300 watt/inch microwave-powered electrodeless lamp, packaged in a compact 6-inch modular unit. These UV curing systems are ideal for lab research, as a starter system for new processes or simpler production processes and is compatible with LC6 Benchtop conveyors. Ideal for broad spectrum, high power UVC applications.

WHEN: October 21 – 23, 2025

WHERE: Excelitas Booth #645
Donald E. Stephens Convention Center, Rosemont, IL, USA

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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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