

**MEDIA ADVISORY**

**October 10, 2023**

**Excelitas Technologies to Showcase UV LED Curing Systems for Industrial Manufacturing at the ASSEMBLY Show**

**WHO:** [Excelitas Technologies® Corp.](#), a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions, will highlight its broad array of OmniCure® UV LED Spot and Area Curing Systems and Phoseon® UV LED Curing Systems for industrial manufacturing applications at the [ASSEMBLY Show](#).

**WHAT:** Staff will be on-site at Excelitas Booth # 1617 to discuss featured products including:

- [OmniCure S2000 Elite](#): Building on the heritage of its innovative OmniCure S2000 predecessor, the OmniCure S2000 Elite is designed for the most demanding manufacturing applications. Offering the highest reliability and quality for light curing adhesive processes, OmniCure S2000 Elite's productivity, precision and security redefine UV spot curing while enabling next-level control and usability to meet the demands of industry 4.0.
- [OmniCure LX500 LED Spot UV Spot Curing System](#) and [V3 UV LED Heads](#): When used together, the OmniCure LX500 LED Spot Curing System and V3 UV LED Heads offer industry-leading optical output and built-in calibration support for efficient, controlled and repeatable UV curing in 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 4 LED heads simultaneously. Available in standard 365 nm, 385 nm, 395 nm and 405 nm wavelength options, V3 UV LED Heads feature next-generation high-output LEDs, delivering up to 22W/cm<sup>2</sup> peak irradiance and 1100mW power with a more uniform beam profile.
- [OmniCure AC8-HD \(High Dose\) Large-Area UV Curing Systems](#): The OmniCure AC8-HD series is designed with patented technology, enabling exceptional output uniformity across the irradiation area. Available in 385 nm, 395 nm and 405 nm wavelengths, the air-cooled AC8150P-HD, AC8225P-HD and AC8300P-HD models deliver over 15 W/cm<sup>2</sup> peak irradiance and double the dose of the standard AC8 series of products. The light source is ideal for large area curing of coatings, adhesives and inks in many applications including medical, industrial, electronics manufacturing, wood coating, touch panel/display, solar panel, conformal coating, automotive and print.
- [OmniCure AC5 Series Air-Cooled UV LED Systems](#): With advanced front-end optics, the AC5 high-power UV curing systems deliver 14 W/cm<sup>2</sup> peak irradiance for fast, even curing. Designed for small area curing, the AC5 Series is available in 395 nm and 405 nm wavelengths, and includes P models equipped with enhanced optics to optimize the dose for short working distances, along with a removable window for easy cleaning to support print applications.



- [Phoseon FireLine™ FL200 and FL400 UV Curing Systems](#): FireLine is a water-cooled UV LED curing lamp with uses in a wide variety of web/conveyor based UV curing applications. The FireLine architecture is designed to allow the systems to be scalable and built up to 2 meters in length. The FL200 offers 25W/cm<sup>2</sup> peak irradiance at 385 nm, 395 nm and 405 nm wavelengths and 10W/cm<sup>2</sup> peak irradiance at 365 nm. The FL400 offers 24W/cm<sup>2</sup> peak irradiance at 395 nm, while the FL440 with a wider 40 mm window can achieve 16W/cm<sup>2</sup>.
- [Phoseon FireJet™ FJ800 UV LED Curing System](#): The FireJet UV LED Curing System is a high capability air-cooled LED lamp optimized for electronic manufacturing production lines with large area curing applications, such as micro speakers, camera modules and flat panel displays. The FJ800 offers 0.6W/cm<sup>2</sup> peak irradiance at 365 nm wavelengths and 1W/cm<sup>2</sup> peak irradiance at 395 nm.

**WHEN:** October 24 - 26, 2023

**WHERE:** Donald E. Stephens Convention Center, Rosemont, IL, Excelitas Booth # 1617

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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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