



Excelitas Introduces OmniCure AC5 Series UV LED Curing Systems

High Peak Performance Enables Faster Line Speeds and Reduced Costs

WALTHAM, Mass., April 12, 2016 – [Excelitas Technologies® Corp.](http://www.excelitas.com), a global technology leader focused on delivering innovative, customized photonic solutions, introduces its new OmniCure® AC5 Series UV LED systems for small area curing. Designed with a unique combination of high output LEDs and custom optics, the [OmniCure AC550/P and OmniCure AC575/P](#) air-cooled UV LED curing systems provide high irradiance ($14\text{W}/\text{cm}^2$), enabling manufacturers to achieve outstanding productivity while the long lifetime and lower electrical consumption of the LEDs reduce running costs.



The OmniCure AC5 Series LED systems provide a reliable UV light source for curing inks, adhesives and coatings in industrial and electronics manufacturing applications, and printing applications such as labels, bar coding and package printing. They feature very high irradiance LED technology that can cure adhesives at a low temperature, which is needed for sensitive components used in medical device and electronics manufacturing.

The OmniCure AC550/P and OmniCure AC575/P provide 60 percent higher output compared with Excelitas' [OmniCure AC4 Series](#) with similar benefits, including consistent and even curing with excellent uniformity across the full LED area. These curing systems are easily integrated into any workstation with no additional venting, ozone extraction or chillers required, and can be automated for increased productivity. Using highly efficient LED modules, both AC4 and AC5 Series systems feature narrow LED wavelength output and lower temperature curing compared to arc lamp systems for reduced power consumption and increased yields.

The AC5 /AC5P high-power, air-cooled UV LED curing systems provide high irradiance and exceptional optical performance that enable fast line speeds in both industrial manufacturing and printing. The print versions are equipped with a replaceable outer winder required for printing applications at close working distances, or with custom lenses to provide the highest irradiance at flexible working distances for specific applications. They are an ideal solution for rapid small- to medium-sized surface area curing.

For more information about Excelitas products, visit www.excelitas.com.

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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, 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](#).

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