



## Excelitas Expands OmniCure UV LED Curing Line with New AC8-HD

*High Dose UV LED Curing System Enables Customers to Easily Scale Production Speeds for Demanding Applications*



**WALTHAM, Mass., February 1, 2018** – [Excelitas Technologies® Corp.](#), a global technology leader focused on delivering innovative, customized photonic solutions, expands its popular OmniCure® UV LED Curing product line with the introduction of the [OmniCure AC8-HD \(High Dose\) Series of UV LED Curing Systems](#). Offering higher optical power and enhanced performance in the same air-cooled mechanical enclosure as its AC8 and AC9 predecessors, the new AC8-HD delivers more than 50% dose with unprecedented optical uniformity.

Excelitas Technologies' patented control technology for addressing individual UV LED modules enables an outstandingly tight irradiation across the UV emitting length, as well as between heads. Its robust light engine design also provides more protection and longevity of the LED modules. The new UV light source is ideal for large area curing of inks, adhesives and coatings in medical, industrial, electronics manufacturing, wood coating, touch panel/display, solar panel, conformal coating, automotive and print applications.

The scalable architecture of the OmniCure AC8-HD allows for multiple heads to be adjoined for customization and flexibility, without compromising output uniformity. The commonly shared platform with the current large area product offerings allows customers to easily upgrade and support faster process speeds without any changes in mounting or control.

The OmniCure AC8-HD is available in three different wavelength options: 385nm, 395nm and 405nm, and three cure sizes: 6-inch (150mm), 9-inch (225mm), and 12-inch (300mm). Its high dose, air-cooled UV LED curing systems deliver over 15W/cm<sup>2</sup> irradiance and highest optical power for more efficient curing in existing applications as well as enabling expansion into those requiring higher UV LED energy, such as wood coatings.

"The AC8-HD brings all of the benefits of the AC8 & AC9, with more optical power and added RS485 functionality. Customers can easily scale production speeds or achieve curing in applications that could previously not be addressed by air-cooled UV LED solutions. By sharing the same mechanical form factor, the OmniCure AC8, AC9 and AC8-HD allow for easy upgrades with no integration redesign," said Mike Kay, Director of Product Management.

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### About OmniCure

OmniCure innovative light curing solutions provide leading manufacturers worldwide with the most advanced, simple-to-use and reliable UV curing technology. Leveraging over 30 years of



industry expertise, OmniCure delivers faster and more consistent process curing results, ensuring customers benefit from the highest quality, production, and efficiency. The OmniCure product family includes both lamp and UV LED solutions to best meet the challenging demands of spot, small and wide area curing applications. For more information about OmniCure, visit [www.excelitas.com/OmniCure](http://www.excelitas.com/OmniCure).

### **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 sensing & imaging, 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 6,000 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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