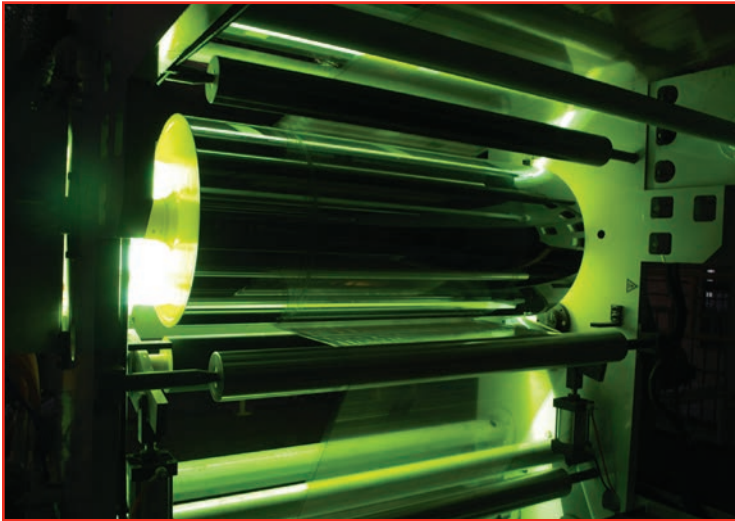


GET AHEAD IN YOUR COATING APPLICATION

OmniCure UVC LED Curing

Now you can improve surface cure and achieve more in your curing process with UVC LEDs! Leverage the advances in LED performance, reliability and robustness to accelerate what is possible in coating applications. Utilize deep-UV irradiation to meet tomorrow's demand today.



Coating Applications:

- Wood
- Print /Graphic
- Overprint Varnishes
- Smart Packaging
- Exterior Metal
- Automotive
- Coil Coating
- Glass Fibre
- Plastic
- Adhesive
- Glass
- *and more!*

Benefits of UVC LED Curing

No Compromise In Line Speed

Our UVC LEDs curing systems are designed with an impressive high irradiance for coating applications, and allow you to realize all of the benefits of UVC LED technology while maintaining production speeds.

Longer Replacement Cycles and Reduced Maintenance Costs

Long UVC LED lifetime, no ballast, and elimination of external reflectors reduce equipment replacement costs.

Increased Reliability

Our UVC LED curing systems utilize patented technology to optimize performance and maintain exceptional uniformity for a more reliable curing process.

Improved Surface Cure

Achieve a tack-free cure with use of UVC LEDs in coating applications. Exposure to deep-UV irradiation eliminates the surface cure challenges previously associated with UV LED curing.

Environmentally-friendly

Easy disposal, extended light source replacement cycles, and reduced energy consumption all contribute to companies' sustainability goals. LEDs are also mercury-free — a key advantage for customers concerned with water and air quality monitoring.

UVC Product Technical Specifications

OmniCure UVC LED System	
LED Peak Wavelengths	272 nm
Active Optical Area	From 25 x 50mm to 25 x 300mm ¹
Peak Irradiance	>1000mW/cm ²
Longitudinal Uniformity*	Better than ± 10%
Operating Voltage	48V DC
Dimensions (L x W x H)	110 x 68 x 190mm 159 x 80 x 218mm 235 x 80 x 218mm 311 x 80 x 218mm
Weight	From 1.1 kg ²
Cooling	Air
Automation	Integrated PLC controls for UV intensity and system alarms

*At 100% intensity setting.

¹In 25mm increments from 25 x 50mm up to 25 x 300mm. Varies depending on size of optical area.

UVC Optical Performance

OmniCure® UVC LED solutions are designed to deliver higher power and peak irradiance, while delivering exceptional uniformity at different working distances. Offering an impressive peak irradiance of >1000mW/cm² and outstanding uniformity, our UVC LED solutions can help support various applications from coatings to disinfection. Utilizing a patented process for addressing individual UV LED module outputs, superior uniformity over the entire curing area can be achieved. Multiple systems can be adjoined while maintaining optical uniformity between each system.

Wide Range of UV Curing Solutions

Excelitas Technologies, a global technology leader focused on delivering innovative, customized photonic solutions, offers a wide range of OmniCure® UV curing solutions. Our product line extends from UVA to UVC including our industry-recognized area and spot curing systems known for high-quality, high intensity and reliable UVA curing results. Suitable for coatings, metal, glass, adhesives, inks and many other substrates, OmniCure offers a comprehensive product line of curing solutions to address your UV application needs. For additional details or assistance with a custom application, please contact us at omnicure@excelitas.com.

Try Before You Buy.

Contact us for more information.

For information, please visit
www.excelitas.com

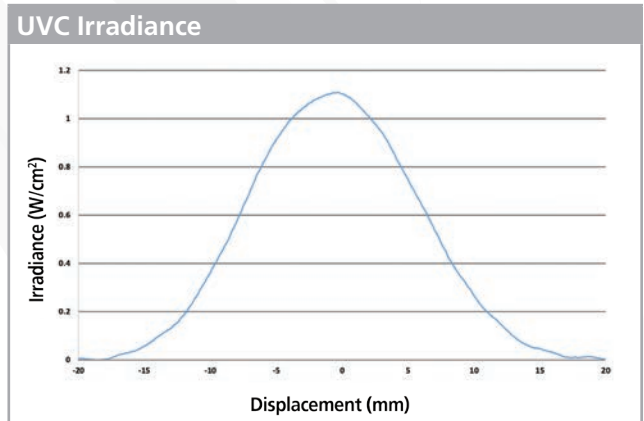


Figure 1

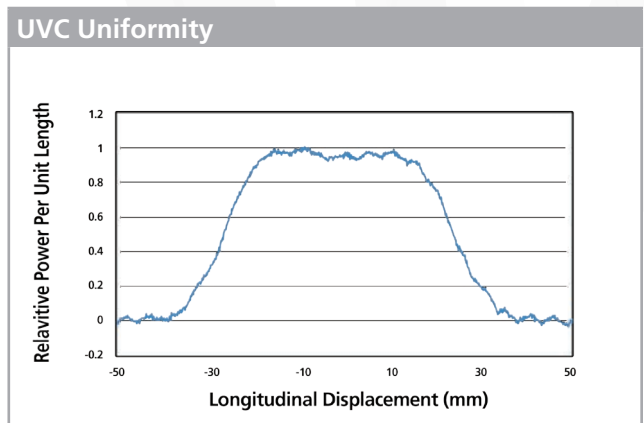


Figure 2

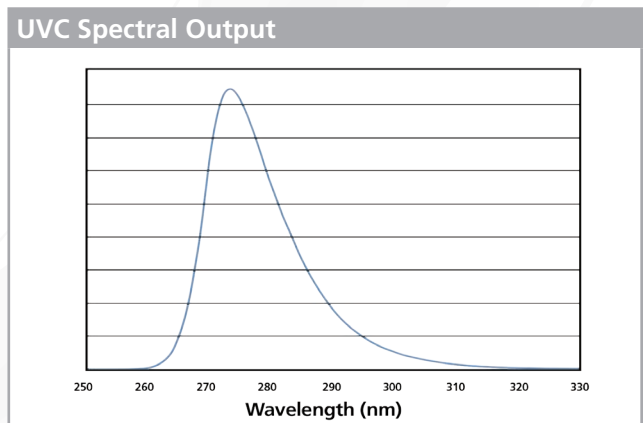


Figure 3