

# UV and IR Coating Solutions

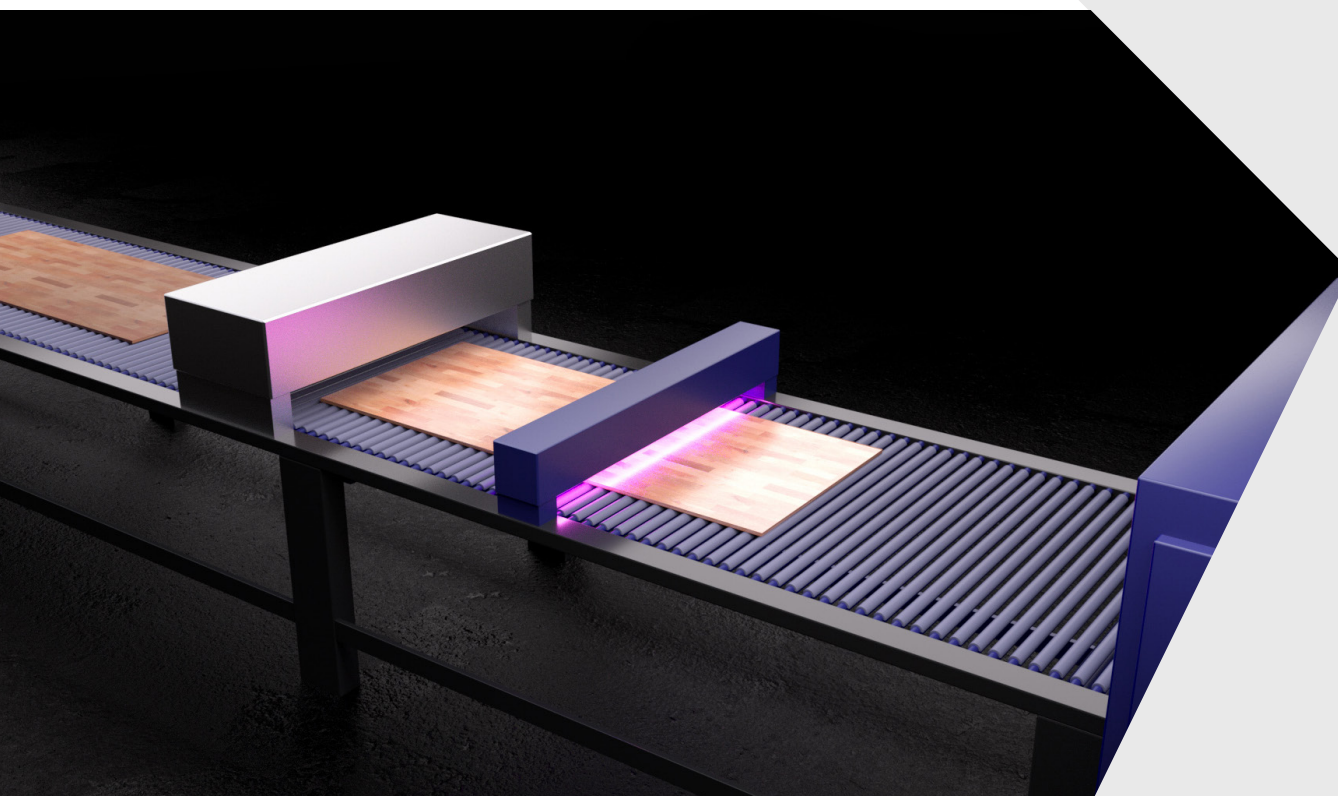
Wood Manufacturing

Fusion UV<sup>®</sup>

NobleLight<sup>®</sup>

OmniCure<sup>®</sup>

*Phoseon<sup>®</sup>*



# UV and IR Coating Solutions

## Wood Manufacturing

Excelitas offers the full spectrum of UV curing and IR drying solutions for the wood industry, for a wide range of applications such as:

- Wood coatings
- Parquet oils and coatings
- Excimer gelling
- Inkjet inks for wood decoration

### PHOSEON® VERICURE™ WIDE FORMAT, WATER-COOLED UV LED CURING SYSTEMS



Phoseon® VeriCure™ wide format, water-cooled UV LED curing systems address the increasing demand for improved throughput and environmental sustainability in the wood coating industry. With high power/high dose capabilities, the VeriCure system unlocks new possibilities for high-performance wood coating applications.

### OMNICURE® AC8300 AIR-COOLED UV LED CURING SYSTEMS



OmniCure® AC8300 air-cooled UV LED curing systems are scalable and designed with advanced custom front-end optics to provide high-powered, high peak irradiance and exceptional uniformity at different working distances. Ideal for wood coating applications.

### PHOSEON FIREJET™ ONE IS A PREMIUM 20 W/CM<sup>2</sup> UV LED CURING SYSTEMS



Phoseon FireJet™ ONE is a premium 20 W/cm<sup>2</sup> UV LED curing system designed for curing of inks, coatings and adhesives where high power in a compact design is essential. Available in widths ranging from 75 mm to 375 mm, the FireJet ONE lamps can be easily scaled by placing units next to each other and daisy-chaining them together.

### PHOSEON FIRELINE™ WATER-COOLED SYSTEMS



Phoseon FireLine™ water-cooled system is designed for a wide variety of web/conveyor-based UV curing applications. The FireLine architecture is scalable, allowing for custom length options, and offers exceptional optical uniformity, ensuring consistent and reliable curing for demanding industrial applications.

### PHOSEON FIREEDGE™ FE400 AIR-COOLED UV LED CURING SYSTEMS



Phoseon FireEdge™ FE400 air-cooled UV LED curing system offers advanced features with maximum flexibility. It includes built-in intensity control options, enabling it to be used for both full-cure and pinning applications by delivering high UV power.

# From UV to IR – Your Full Spectrum Solution Provider

## FUSION UV® LIGHTHAMMER® SMART UV CURING SYSTEMS



**Fusion UV® LightHammer® smart UV curing systems** are our most advanced microwave-powered system, incorporating solid-state power supplies and internal sensors to monitor real-time system performance. Ideal for wood coating applications that require broad spectrum UV.

## EXCELITAS® EXCIMER LAMPS



**Excelitas® Excimer Lamps** are high energy single wavelength UV light sources used to polymerize a very thin layer on the surface of the varnish. These lamps are used to produce matte (low gloss) surfaces in the wood coating industry where short UV wavelengths, such as 172 nm or 222 nm, are required.

## NOBLELIGHT® AMBA® MERCURY ARC LAMPS



**Noblelight® Amba® Mercury Arc Lamps** are available in various lengths and power classes, Amba UV Curing Lamps are designed for reliable curing results. They are ideal for use as replacement lamps in applications such as wood coating, printing, and many other UV curing processes.

## NOBLELIGHT INFRADRY® IR HEATING SYSTEMS



**Noblelight Infradry® IR Heating Systems** are high-performance infrared (IR) dryer modules that are particularly compact and available in various configurations. It combines powerful twin-tube IR emitters, hot air and integrated extraction for drying water-based paints, inks or varnishes.

If you are looking for a partner, Excelitas offers customers the full spectrum of solutions from UV to IR, supporting a wide range of wood coating applications. As a single source provider, the Excelitas portfolio includes UV lamps and systems, UV LED spot and area curing systems, UV microwave, Infrared emitters and systems, and medium pressure UV lamps.



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USA and CAN  
(+1) 800-668-8752

Europe  
(+49) 551-6935-0

Asia/Pacific  
(+65) 6499-7777

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[excelitas.com](https://www.excelitas.com)

For a complete listing of our global offices, visit [www.excelitas.com/locations](https://www.excelitas.com/locations)

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