

Phoseon®

Global leaders in
UV LED curing technology

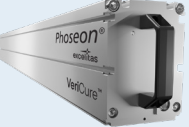



excelitas®

Product Name	Emitting Width (mm)	UV Power (Per 25mm Length)		Key Features
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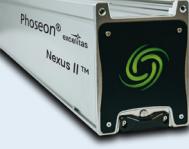
VeriCure™

Water-cooled 

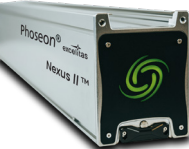
VeriCure 	1350	x 20	95W	• Ultra-high UV dose in wide lamp format • Up to 500 mJ/cm² dose at 50mm working distance • Quiet operation • Rugged & reliable in tough environments • Easy mounting with common form factor • Ethernet and analog communications • High performance applications such as wood coatings
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Nexus II™

Air-cooled 

Nexus II AC 	300 375 450 525 600	x 20	90W	• Routine maintenance reduced • No chiller needed • Easy mounting with common form factor • Ethernet communications • Flexographic applications
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Water-cooled 

Nexus II WC 	300 375 450 525 600	x 20	90W	• High power • Quiet operation • Rugged & reliable in tough environments • Easy mounting with common form factor • Ethernet communications • Flexographic applications
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Product Name	Emitting Width (mm)	Peak Irradiance (W/cm ²) @ Wavelength (nm):		UV Power (Per 25mm Length)	Key Features
		365	385/395/405		

FireJet™

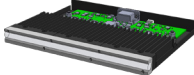
Air-cooled 

FireJet ONE 	75 150 225 300 375	x 20	12	20	70W	• TargetCure™ technology • WhisperCure™ technology • High irradiance • Scalable • Small form factor • Optional Ethernet communication
FJ100 	75 150 225 300 375	x 20	8	16	53W	• TargetCure technology • WhisperCure technology • Scalable • High irradiance • Digital/analog control • Optional Ethernet communication

Product Name	Emitting Width (mm)		Peak Irradiance (W/cm ²) @ Wavelength (nm):		UV Power (Per 25mm Length)	Key Features
			365	385/395/405		
FJ240 	75 150 225 300	x 40	8	16	130W	- TargetCure technology - Scalable - High dose - Digital/analog control - Optional Ethernet communication
FJ801 	100	x 100	1.2	1.7	42W	- TargetCure technology - Scalable - Exceptional uniformity - Separate controller - Area curing applications

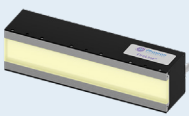
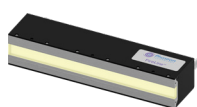
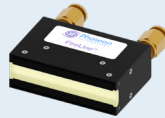
FireEdge™

Air-cooled 

FE410 	80 120 160 180 240	x 10	6	10	20W	- TargetCure technology - WhisperCure technology - Full cure - Optics options - Analog control - Small form factor
FE100 	80 120 180 240	x 10	1	2	3W	- WhisperCure technology - Natural convection cooling - Thin form factor - Analog control - Pinning and gelling

FireLine™

Water-cooled 

FL440 	150 225 250 300	x 40	12	16	150W	- Scalable - High dose - High irradiance - Digital/analog control - High performance curing applications - Optional Ethernet communication
FL400/ FL400SLD 	125 150 225 250 300	x 20	12	24	100W	- Scalable - Digital/analog control - High performance curing applications - Optional Ethernet communication
FL200 	75 125	x 10	10	25	30W	- Scalable - Separate controller - Ethernet control - Small form factor

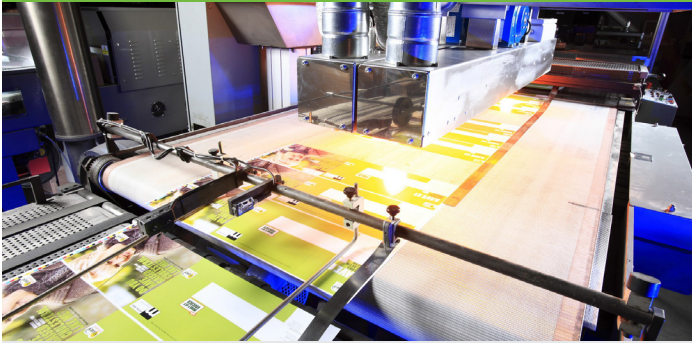
Phoseon products are available in custom configurations for unique applications.
Emitting window specifications refer to the dimensions (L x W).
Irradiance measurements are taken at the emitting window.
Phoseon systems are CE, RoHS, and REACH compliant.

Innovative Technology

We pioneered and patented Semiconductor Light Matrix (SLM)[™] technology driving high-power UV LED technology to manufacture environmentally clean, cool operating, and highly efficient ultraviolet curing products.

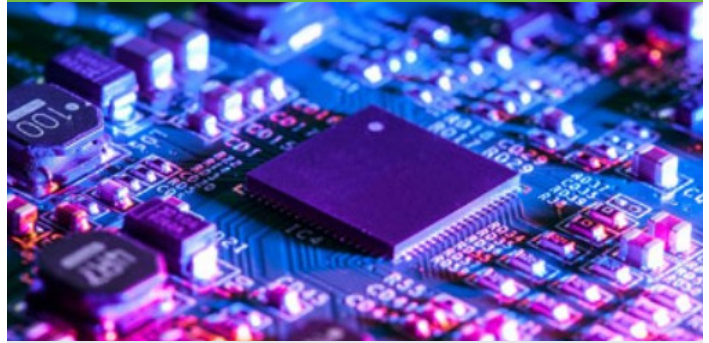
Our components are strictly engineered into a system that provides maximum UV energy, controlled curing intensity, and superior performance for demanding applications including those using heat-sensitive and thin substrates.

PRINTING & PACKAGING



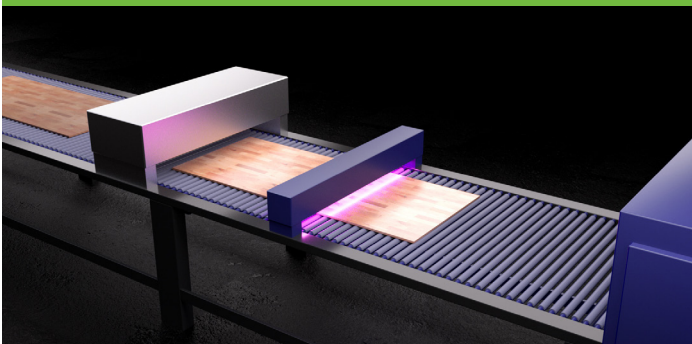
- Digital inkjet, screen, flexo, offset, 3D
- Labels and packaging
- Bottle and tube decorating

ELECTRONICS



- Protective coatings
- Electronic potting compounds
- Marking parts and boards

INDUSTRIAL COATINGS



- Wood coatings
- Metal coatings
- Glass Coatings

FIBER & CABLE



- Adhesive bonding of medical devices
- Medical device coatings
- Printing on tubes and labels



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