

UV LED Disinfection Solutions

Product Overview

Phoseon Technology provides patented and proprietary LED disinfection solutions that offer high-performance and long lifetime. The Company is 100% focused on LED technology and provides worldwide sales and support capabilities.



Company

- In-house R&D
- Internal Manufacturing
- Thermal Management
- Custom Optics

Products

- Optimized Performance
- Rugged & Reliable
- Extensive Portfolio
- Long Lifetime



Solutions

- Patented Technologies
- Application Specific
- Engineering & Maintenance Services
- Scalable Lengths




Phoseon UV LED Disinfection Technology


Phoseon's patented Semiconductor Light Matrix™ (SLM)™ technology encompasses LED arrays, advanced optics, thermal management, and electronic control to provide simple integration and trouble-free operation. Phoseon is an ISO 9001 certified corporation with over 2 million hours of internal LED lifetime testing.

Product Name	Emitting Window (mm)	Peak Irradiance (W/cm ²) @ Wavelength (nm):	Key Features
KeyPro™		275	Air-cooled 
KP200	75 150 225 300	x 20	0.75
			<ul style="list-style-type: none"> TargetCure™ technology WhisperCure™ technology Scalable Digital/analog control Small form factor

Ideal for rapid and reliable decontamination and disinfection of laboratory, clinical and industrial applications.

Explorer				<ul style="list-style-type: none"> Small footprint Application development tool Biomolecule inactivation and modification
	25	x 10	0.5	

Ideal for preliminary evaluation of UVC LED technology for various applications such as disinfection, photochemical reactions, curing, and more.

				Water-cooled 
KP300	125 150 225 250 300	x 20	1	<ul style="list-style-type: none"> Scalable Digital/analog control High performance disinfection applications
				

Like the KP200, the KP300 is ideal for rapid and reliable decontamination and disinfection of laboratory, clinical and industrial applications.

TargetCure™ WhisperCure™

Building on the SLM foundation are the patented TargetCure™ and WhisperCure™ technologies. TargetCure technology delivers precise, stable and consistent operation. WhisperCure offers a low-sound solution with increased UV output.