

Corporate Overview

The LED Leader in Industrial Curing and Life Sciences

Starting from 2002 in Portland Oregon USA, Phoseon Technology foresaw the value of LEDs for both Industrial Curing applications and Life Sciences solutions. Building from our strong background in solid-state semiconductor devices, we utilize native diodes to provide the optimum mix of power, uniformity and control for LED curing applications. The Company is 100% LED focused and provides both standard and custom solutions to OEMs and end-users worldwide.

Innovative Technology



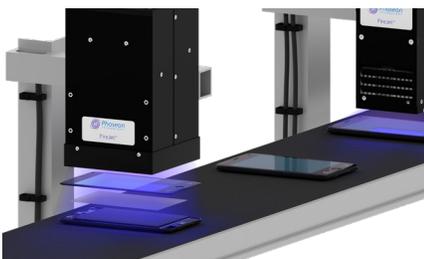
Phoseon's patented Semiconductor Light Matrix™ (SLM)™ technology encompasses LED arrays, optics, thermal and electrical management to ensure optimal performance. These patented, highly-engineered systems deliver maximum UV energy while taking advantage of the inherent robustness of solid-state technology.

Patented Reliability



Reliability Engineering is at our core. With over 290 patents and trademarks worldwide, Phoseon has earned the reputation for innovation, quality and reliability. Our customers benefit from a thorough and proven product development cycle including advanced analysis such as highly accelerated life testing (HALT) to provide process consistency in harsh and unstable operating environments.

Optimized Performance



Phoseon products provide sustained high-power UV output with continuous internal monitoring of the system's operating environment, enabling process stability and precise control. They are successfully curing inks, coatings and adhesives in many demanding applications. Additionally, scalable uniformity, total power, and peak irradiance thresholds are tuned to specific application needs.

Markets

Industrial Curing

Surpassing 70,000 hours of operational lifetime testing, Phoseon has delivered over 100,000 units into industrial curing markets with applications including OLED display manufacturing, wood and cable coatings, adhesive bonding, and high-speed printing. Products span from small air-cooled lamps to high-power, water-cooled systems. Our scaled product invention allows virtually unlimited product lengths and simplified field support.

Contact: info@phoseon.com

Life Sciences

Phoseon's life science solutions provide precisely controlled, long-lasting, and stable light for biological inactivation, molecular detection, and advanced imaging. Individual modules can be engineered as either stand-alone systems or as sub-assemblies within existing platforms, providing enhanced performance where precision, yield, throughput, and quality of analysis are critical to success.

Contact: lifesciences@phoseon.com

About Phoseon

Phoseon is an ISO 9001:2013 certified company that has a worldwide sales and support network to ensure customer's process stability. For more information regarding Phoseon, please visit www.phoseon.com.



In-house Manufacturing

Phoseon assembles its market-leading systems in a semiconductor-based clean-room environment. Manufacturing engineers are intimately involved with the product design starting with new product development, through initial production, and then into sustaining. Phoseon utilizes advanced automation, burn-in, and statistical quality control (SQC) throughout its manufacturing process. Additional focus is applied to supply-chain quality, capacity, and redundancy for continuous product flow.



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