Corporate Overview

2021
#1 LED CURING INDUSTRY PIONEER

150,000 UNITS SHIPPED

100% LED FOCUSED

70,000 HOURS LIFETIME PROVEN RELIABILITY

300 PATENTS

OVER 19 YEARS IN BUSINESS

EXPERTISE

PRINTING, COATING, ADHESIVES, CHROMATOGRAPHY, IMAGING, DISINFECTION, PHOTOCHEMISTRY

ENVIRONMENTALLY SUSTAINABLE
Video: Welcome to Phoseon Factory Tour
Patented Semiconductor Light Matrix Technology

Phoseon patented Semiconductor Light Matrix (SLM)™ technology encapsulates LEDs, Arrays, Optics and Cooling to maximize UV LED curing performance. Each of these four components are strictly engineered into a system that provides maximum UV energy and superior performance while also increasing long-term robustness for demanding applications.

- **LEDs**
  Phoseon builds complete light engines from individual diodes to maximize the total UV energy.

- **Arrays**
  Phoseon’s array architecture insures the optimal performance and reliability for the system manufacturer.

- **Optics**
  Maximizes the amount of UV energy, lowers the heat, and provides application specific focused energy.

- **Cooling**
  UV LEDs will last past 20,000 hours if they maintain proper operating temperatures.
The Future - Digital LED Technology

Factory 4.0 - The convergence of digital technologies and manufacturing processes

**Process Control**
LED offers better control = better yields

**Data Flow**
LED is a stable predictable technology

**IoT**
LED can be monitored, communicate, and controlled remotely

**Minimal/Predictive Maintenance**
LED has little to no maintenance
LED Benefits

Operating Economics
- Energy Efficient
- Long Lifetime
- Low Temperatures

Advanced Capabilities
- Only Desired Energy
- Instant On/Off
- Stable & Precise

Eco-Friendly
- Mercury Free
- No Waste Streams
- Safer Workplace
Solid State Technology Across the UV Spectrum

Phoseon offers innovative UV light solutions for both life sciences and UV LED curing applications. By maximizing UV energy across relevant wavelengths, Phoseon offers a wide range of solid-state solutions across the UV Spectrum.
Phoseon offers innovative UV light solutions for both life sciences and UV LED curing applications. By maximizing UV energy across relevant wavelengths, Phoseon provides solutions to a wide-range of applications including:

- Printing
- Coatings
- Adhesives
- Industrial
- Liquid Chromatography
- Decontamination & Disinfection
- Photochemistry Processes
- Fluorescence Microscopy
Sustainability

Corporate Responsibility

✓ Phoseon holds highly our social responsibility regarding sustainability.

✓ Phoseon is committed to preserving the environment through improved supply sourcing, manufacturing practices and product offerings.

✓ Phoseon is committed to protecting the health & safety of our employees and the employees of our customers and partners.
Sustainability

Environmentally Sustainable Products

At Phoseon, we are fully committed to the wellbeing of the environment. We continuously work to reduce the environmental impact of the products that we manufacture. Phoseon LED solutions offer consistent and reliable power output, eliminate greenhouse gases, and remove mercury from an entire category of industrial processes. Phoseon started the LED revolution for UV curing in 2002 and its products have collectively saved millions of pounds of CO2 emissions since inception. Led is the only sustainable choice for UV curing.

Allow us to contribute to your corporate sustainability objectives TODAY!
Worldwide Support

AMCA

EMEA

APAC

Phoseon Technology