

UV LED Curing Solutions for Electronic Potting Compounds

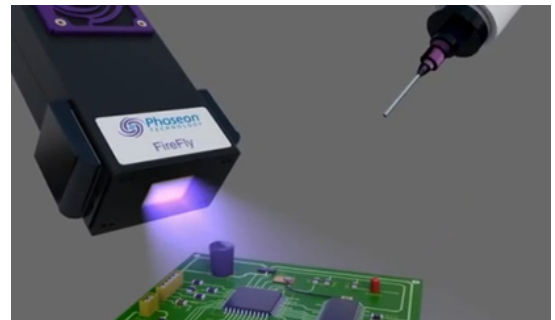
LED Light Sources for Higher Yields in Less Time

Electrical Components require added protection against the physical stresses our devices are put through today. LED Curing allows manufacturers to modernize this production step. Previously, potting was a long process that required mixing, heating, and staging of the component. Now, UV LED curable potting materials can be cured instantly with Phoseon UV LED curing systems. This technology is a significant improvement over a traditional mercury UV bulb system. Incorporating Phoseon UV LED curing allows the manufacture to streamline production and lower energy costs.

Phoseon field sales and engineering team will ensure you choose the correct curing solution and have industry connections for supply of UV LED curable potting chemistry.

Advantages of UV LED curing systems for potting compounds:

- ✦ Replaces 2k potting materials (epoxy, PURs)
- ✦ Instant cure, allows for higher production output, no staging
- ✦ Less heat, better for sensitive components
- ✦ Greater cure depth through potting material
- ✦ No warm up, no ozone, little-to-no curing maintenance



UV LED Curing Applications:

Sensors, Transformers, Connectors, Switches
Motors
Circuit Boards
Glob Top
Insulating, Protection, Encapsulating, Leak-Proofing

UV LED Curing Solutions

Our UV LED curing solutions are the most reliable on the market. Starting from 2002 in Portland Oregon USA, Phoseon Technology foresaw the value of LEDs for Industrial Curing applications. With over 300 patents worldwide, Phoseon has earned the reputation for technological innovation, quality and reliability.

FireJet™ ONE Light Source



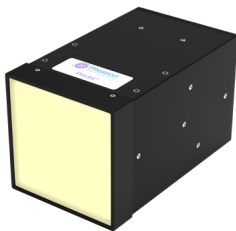
- Scalable design for edge-to-edge coverage
- Small form factor
- Cooling: Air-cooled
- Power: 20W/cm²
- TargetCure™ & WhisperCure™ technologies
- High irradiance
- Instant On/Off control/cure
- 20,000+ curing hours

FireEdge™ FE410 Light Source (with Enhanced Rod Lens)



- Emitting window sizes: 80, 120, 160, 180, 240x10mm
- Cooling: Air-cooled
- Power: 10W/cm²
- Small form factor
- TargetCure & WhisperCure technologies
- Optics Options (Rod Lens & Flat Glass)
- Analog control
- Instant On/Off control/cure
- 20,000+ curing hours

FireJet™ FJ801 Light Source



- Small batch sizes, lab setting use, QC/ballistic control testing
- Peak Irradiance: 1.7 W/cm², Adjustable Intensity
- 365, 385, 395, 405nm options
- Air-cooled, internal fans circulate ambient air
- Instant On/Off control/cure
- 20,000+ curing hours

Contact Phoseon Today!



Made in the
U.S.A.