

RX FireFly UV Light System



Compact, High Intensity UV Light System for Small Area Curing

FEATURES/BENEFITS:

- SEMICONDUCTOR LIGHT MATRIX (SLM™) TECHNOLOGY
- LONGER LIFE
- HIGH INTENSITY
- PURE UV OUTPUT
- ENVIRONMENTALLY FRIENDLY

See the light for yourself -
UV LED based SLM™ Technology



RX Firefly is compact and flexible enough to be used as a handheld or integrated system.

The RX FireFly is designed for applications that require a high intensity, small form factor UV light system.

Industrial UV curing applications for printing, coatings, and adhesives can now gain the proven advantages of high-intensity LED-based ultraviolet light.

As the world leader in delivering high power, UV-LED technology, Phoseon Technology pioneered the Semiconductor Light Matrix (SLM™). With SLM™ technology, OEMs can manufacture the environmentally cleanest, coolest operating, and most efficient UV-based systems commercially available.

RX Series products utilize SLM™ technology which combines an array of light emitting semiconductor devices, with high tech micro optics and micro cooling in a cost-effective MOEMS (micro opto electro-mechanical system) package. The result is a high intensity UV light system with the following advantages:

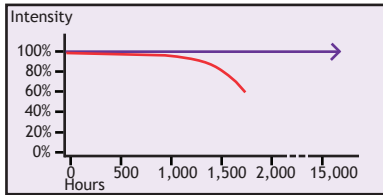
- Lower cost of ownership
- Increased productivity, maintenance free
- Improved yield with consistent UV output over time
- Lower operating cost with instant on/off - UV light system can be enabled only when required for curing
- Narrow UV spectral emission
- Spectral radiant power equivalent to multi-kilowatt mercury vapor arc lamp
- Cooler operating temperature
- Safer - mercury and ozone free
- Small form factor light source and power supply
- Simple electronic controls for easy integration



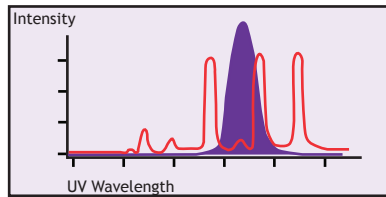
Phoseon's UV products are ideal for many types of curing applications such as marking and coding.

RX Firefly Specifications

FEATURES

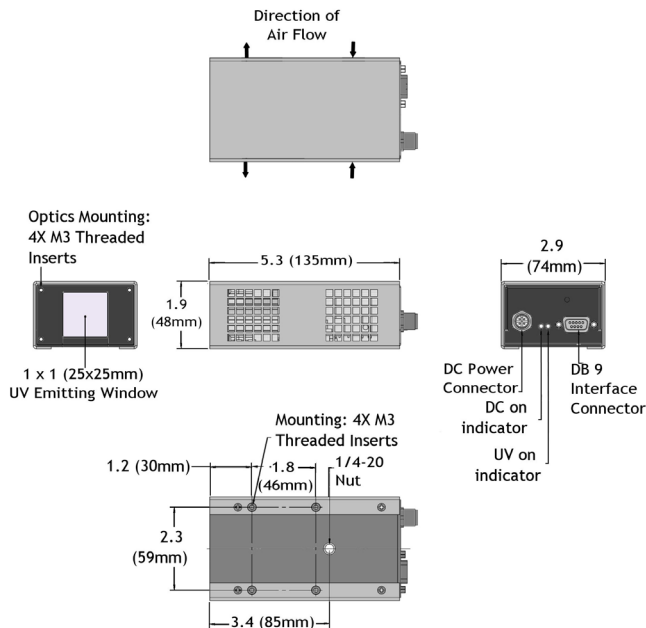


Phoseon's UV light systems (purple) maintain their intensity over a much longer lifetime than conventional mercury arc lamps (red).



Phoseon's UV light is more concentrated than UV light from mercury vapor arc lamps.

PRODUCT DIMENSIONS



Interested in integrating our technology? Phoseon can tailor a solution for your particular integration needs. Please contact us to discuss your specific requirements.

SPECIFICATIONS

Irradiance at UV Emitting Window: 1.5W/cm²

Emitting Window: 25 x 25mm

Total UV Power: Up to 9.4W

Pure UV Output: 380-420nm

Interface Control: PLC

Instant On/Off: <5ms

Electrical/Power Supply: 100-240VAC

Weight: 1kg

Safety: CE, RoHS and REACH Compliant

Dimensions: 74 x 48 x 135mm

Options:

- Air Filters for Air Inlet
- Adjustable arm with table clamp or stand
- C-Mount Optic Adapter Plate

For more information, contact your nearest Phoseon Representative or Phoseon Technology.



Phoseon Technology, Inc.
7425 NW Evergreen Parkway
Hillsboro, OR 97124
USA
Phone: +1.503.439.6446
Fax: +1.503.439.6408
E-Mail: info@phoseon.com
www.phoseon.com