

# 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

The future of high intensity UV technology is small, cool and clean, with no lamps.

The RX Firefly from Phoseon Technology is designed for applications that require a high intensity, small form factor UV light system.

The RX Firefly utilizes Phoseon's Semiconductor Light Matrix (SLM) technology which combines a dense 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.



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

The result is a high intensity UV light system with the following advantages:

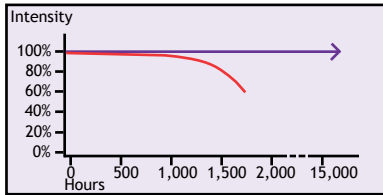
- Lower cost of ownership
- Increased productivity, maintenance free
- Improved yield with consistent UV output over time
- Lower operating cost with instant on/off - UV light system can be enabled only when required for curing
- Narrow UV spectral emission
- Spectral radiant power equivalent to multi-kilowatt 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



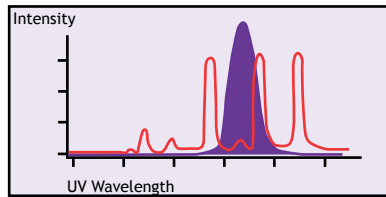
Phoseon's UV products are ideal for many types of applications such as spot curing adhesives.

# 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.

## SPECIFICATIONS

Irradiance: 1.5W/cm<sup>2</sup>

Interface Control: PLC

Wavelength Range: 380-420nm

Cure Area: 25 x 25mm

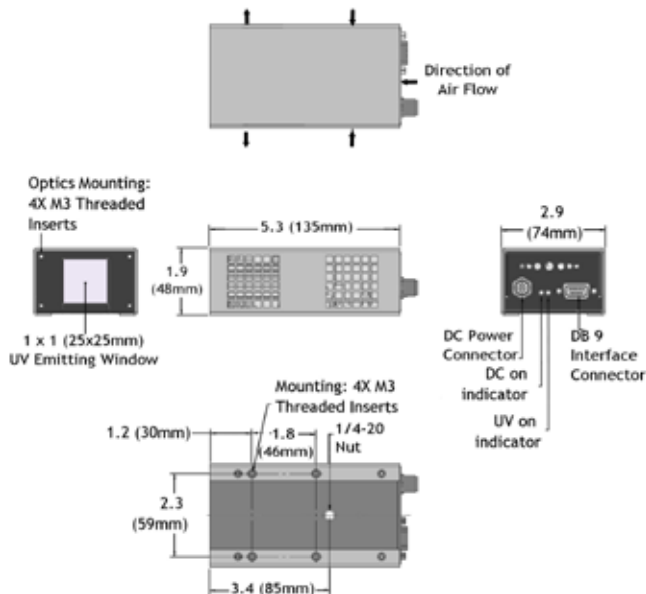
Electrical/Power Supply: 100-240VAC

Weight: 1kg

Safety: CE Compliant

Dimensions: 74 x 48 x 135mm

## 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.

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



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