

RX FirePower™ UV Light System



High Intensity Water Cooled UV Light System with Configurable Curing Length

FEATURES/BENEFITS:

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

Phoseon Lighting the Way - UV LED based SLM™ Technology

The RX FirePower is a water cooled high intensity UV light “bar” with configurable emitting lengths up to 1.2m.

Industrial UV curing applications for UV Offset Lithography (Litho) and UV Flexographic (Flexo) 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.

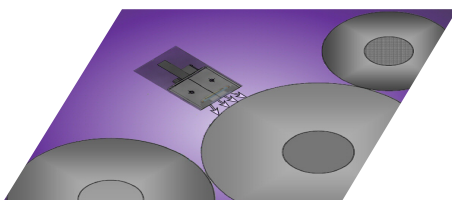


RX FirePower is available with configurable UV emitting lengths for narrow web labels to large packages or posters.

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:

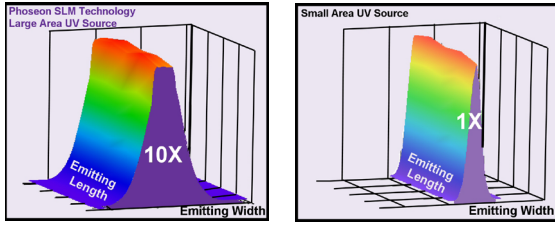
- Lower cost of ownership
- Increased productivity, maintenance free
- Improved yield with consistent UV output over time
- Lower operating cost with instant on/off - UV light system can be enabled only when required for curing
- Narrow UV spectral emission
- Spectral radiant power equivalent to multi-kilowatt 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 all types of curing applications including inter-unit and end-of-press printing.

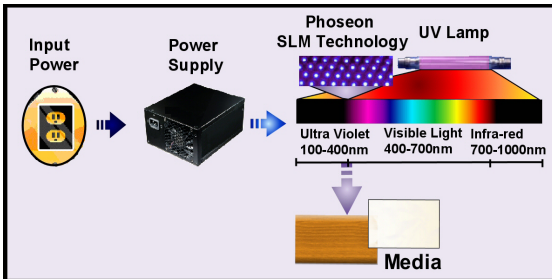


RX FirePower Preliminary Specifications

FEATURES

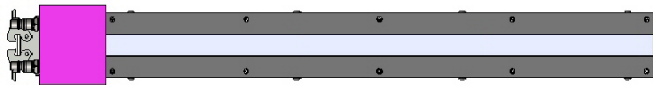


Phoseon's UV light systems have up to 10X the total UV output power as compared to a focused or small area UV source even when the peak intensity is the same.



Phoseon's UV light systems require less input power to generate a higher intensity narrow emission spectrum as compared to a broad emission spectrum UV lamp.

PRODUCT OVERVIEW



29.5 x 0.8 (750 x 20 mm)
UV Emitting Window

SPECIFICATIONS

UV Output:

- Pure UV 380-420nm
- Highest Total UV Power

Integration & Dimensions:

- Compact size for easy installation and retrofit
- RX FirePower 1200x20WC - L x 100 x 100mm (L x 4 x 4in)
L = Length configurable up to 1.2m
- Suitable for single or double sided printing

Safety: CE, RoHS and REACH Compliant

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



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

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