

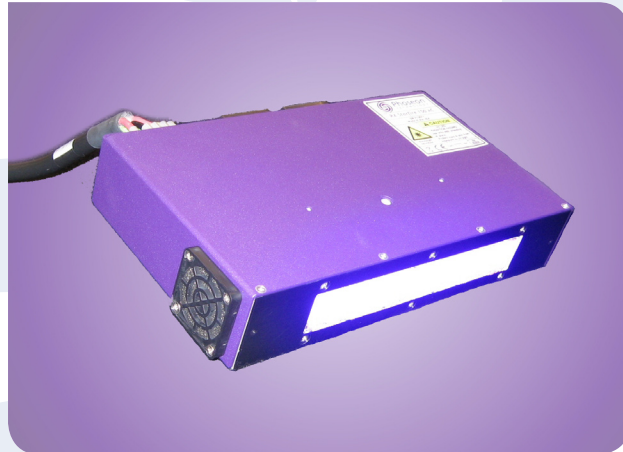
RX StarFire UV Light System



High Intensity Air Cooled UV Light System with Configurable Curing Length

FEATURES/BENEFITS:

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



RX Starfire is available with UV emitting lengths of 100 or 150mm.

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

The RX StarFire is an air cooled high intensity UV light “bar” with configurable emitting lengths of 100mm and 150mm with an emitting width of 20mm.

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:

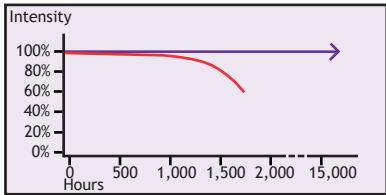
- Lower cost of ownership
- Increased productivity, maintenance free
- Improved yield with consistent UV output over time
- Lower operating cost with instant on/off - UV light system can be enabled only when required for curing
- Narrow UV spectral emission
- Spectral radiant power equivalent to multi-kilowatt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



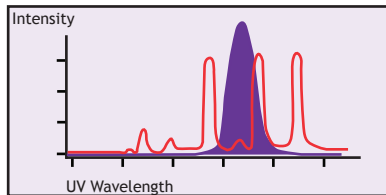
Phoseon's UV products are ideal for all types of digital inkjet curing and pinning applications.

RX StarFire 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 at UV Emitting Window: Up to 2W/cm²

Emitting Window:

- RX Starfire 100: 100 x 20mm
- RX Starfire 150: 150 x 20mm

Total UV Power: Up to 60W

Pure UV Output: 380-420nm

Interface Control: PLC

Instand On/Off: <5ms

Electrical/Power Supply: 100-240VAC

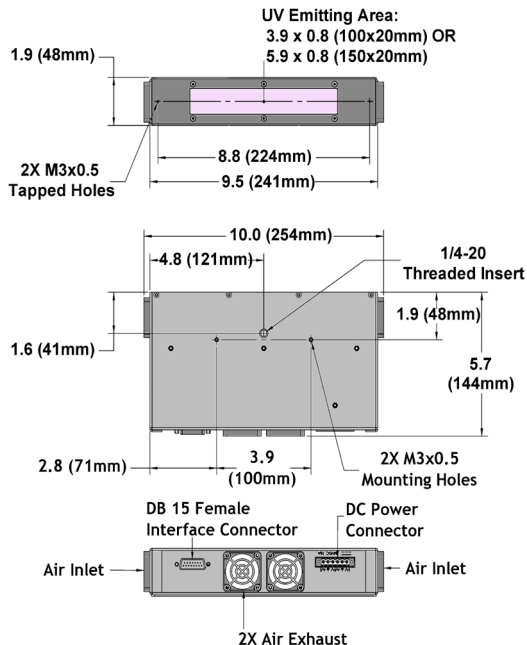
Weight: 1kg

Safety: CE, RoHS and REACH Compliant

Dimensions:

- RX Starfire 100& 150: 254 x 48 x 144mm

PRODUCT DIMENSIONS



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.

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