

Press Release

Phoseon Technology Introduces the Most Powerful 365nm Air-cooled UV LED Curing System in the World

FireJet™ ONE UV LED curing systems double production speeds with increased dose and power

Hillsboro, Oregon (October 21, 2020) - Phoseon Technology introduces the most powerful 365nm air-cooled curing lamp in the world. Phoseon Technology extends the industry's smallest, highest-powered member of their air-cooled product line, the FireJet™ ONE, to 365nm. These premium 365nm 12W/cm² UV LED lamps are designed primarily for the adhesive, inkjet and screen printing markets where high power, in a compact form factor, is a key requirement.



FireJet™ ONE
Light Source

“This product doubles the dose, which allows you to double your production speed,” said Simon Reissmann, Technical Marketing Engineer at Phoseon Technology. “The combination of continuous high irradiance and power with uniform output and flexible scaling allows customers to implement high performance LED curing into environments that need the small form factor with incredible power.”

The FireJet ONE lamps, in widths from 75 to 375mm, are now available at 365, 385, 395 and 405nm. The lamps scale simply by placing units next to one another, daisy-chaining them together. Phoseon's unique optics ensure consistent uniformity at the substrate surface. The

FireJet ONE is simple to integrate by being a fully self-contained unit. The lamps can be controlled using PLC signals to provide instant on-off, intensity control and other primary functions.

Phoseon's products differentiate themselves through superior performance and real-world reliability for any curing environment. UV LED curing technology delivers significant benefits, including increased production speeds, cost reduction through energy savings and is environmentally friendly, with no ozone emissions generated.

About Phoseon Technology

Since 2002, Phoseon Technology pioneered the use of LED technology for Life Sciences and Industrial Curing. Through our relentless innovation, we deliver high performance, reliable and patented LED based solutions. Our strong focus on customer collaboration has resulted in world-wide market leadership position and presence. Phoseon is an ISO9001 certified company manufacturing award winning products that are covered by more than 300 patents worldwide. We uniquely focus 100% on LED technology therefore ensuring superior reliability, business economics, and environmental benefits.

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