

FireJet™ FJ645



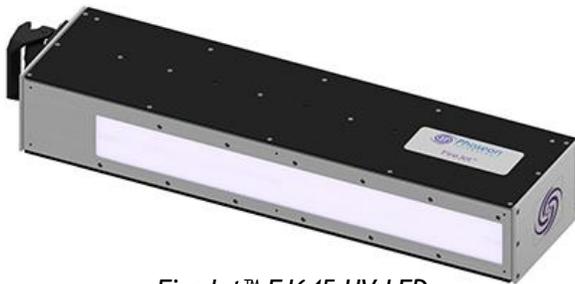
Press Release

Phoseon Technology Launches High-dose Air-cooled UV LED Curing Solution with New FireJet™ FJ645

*Larger Emitting Window for Longer UV Exposure including a Market-Leading Three-Year Warranty**

Hillsboro, Oregon (September 9, 2019) - Phoseon Technology is introducing the FireJet™ FJ645 UV LED self-contained, air-cooled curing lamp for flexographic applications at Labelexpo Europe 2019 in Brussels, Belgium.

With a 40mm wide emitting window, the FJ645 provides longer UV exposure time and greater dose, improving through-cure and adhesion of difficult to cure materials; especially over-print varnishes, and dense blacks. The increased dose allows for higher speed without the need for additional facilities requirements, such as exhaust blowers or water chillers.



*FireJet™ FJ645 UV LED
Light Source*

The FJ645 is designed for press manufacturers and converters looking for market-leading performance and digital control. It is ideal for applications that require more dose and dwell time for better surface, depth cure and adhesion. The FJ645 is available in print widths up to 525mm and includes advanced digital interface capabilities for tight process control, such as low-migration processes for food packaging.

“The FJ645 has several advantages over its competitors in the market,” said Sara Jennings, Phoseon’s Senior Technical Marketing Engineer. “For example, it’s a high-performance self-contained air-cooled solution that doesn’t require exhaust blowers or water chillers. The wider emitting window allows more dwell time for the ink or coating to absorb more UV energy in one pass. This allows the UV curing process (polymerization) to create longer bonded chains, which improves the strength and through-cure in the material.”

The FJ645 has the performance necessary to increase speed capabilities of market leading presses and is compact enough to retrofit existing installed presses, giving converters the opportunity to do more business now. It has a 3-years warranty unmatched on the flexographic market.

In addition, the FJ645 supports the following patented technology enhancements:

- WhisperCure™ Technology to deliver leading edge air-cooled performance at reduced decibel levels creating a quieter and safer environment for operators
- TargetCure™ Technology delivers fast performance uniformity with the instant on and off capability of LED and reliability of performance over the life of the lamp.

The FirePower FJ645 will be on display in the Phoseon booth at Labelexpo Europe 2019; stand 7A29. Labelexpo Europe 2019 will be held September 24th-27th in Brussels at the Brussels Expo Center.

The FJ645 will be available in the fourth quarter of 2019.

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.

PHOTO Caption: Phoseon Technology introduced FireJet™ FJ645 UV LED air-cooled ink curing solution for flexographic presses. The new air-cooled solution offers high dose UV curing output for a wide variety of flexographic, web offset and rotary screen applications.

*Conditions apply

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