

Press Release

Phoseon Technology Expands Nexus ONE™ Platform with a New Water-cooled LED Curing Lamp for Flexographic Printing

The Industry's First 5 Year Warranty for Full LED Curing System

Hillsboro, Oregon (August 9, 2022) - Phoseon Technology expands the Nexus ONE™ platform with a new water-cooled 675mm LED curing lamp for flexographic printing applications. The longer lamp size will supplement the existing Nexus ONE air-cooled products that come in the following lengths: 300mm, 375mm, 450mm, 525mm, 600mm. Nexus ONE premium lamps deliver maximum power and dose of UV energy to high performance applications and come with a 5-year warranty for entire LED curing system.



Nexus ONE comes equipped with Phoseon's patented TargetCure™ technology that provides users with stable, consistent, and precise UV curing output. TargetCure enables converters to confidently run Food and Medical Safe jobs using LED Low Migration inks in addition to standard label and shrink-film jobs. The consistent and stable output provides repeatable results with each run for a high-yield process.

Phoseon offers fully integrated LED solutions for new presses or retrofits for narrow-web printing that consist of station-by-station building blocks including light sources and the Nexus Tower power and control system.

Phoseon's patented LED technology offers converters the ability to print on thin heat sensitive substrates at faster curing speeds with a more reliable curing process. LED also brings product sustainability with up to 70% energy savings and significant waste reduction compared to mercury UV curing.

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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