

Phoseon Achieves 300 Patents



Press Release

Phoseon Technology Achieves 300 Patents, Affirming the Company's Leadership Position in UV LED Curing Technologies

Phoseon Patented Fiber Optic Curing Technologies Uses UV LED Light Sources to cure Protective Glass Fiber Coatings

Hillsboro, Ore., Jan. 24, 2019 - Phoseon Technology today announced that it has been granted US Patent No. 10,175,103 - "Method and System for Monitoring Ultraviolet Light for a Fiber Cure System."

The granting of this patent marks an important milestone of 300 patents awarded and applied for worldwide - a milestone confirming the company's leadership in UV LED curing technology. Phoseon's patents are organized in 54 patent families, covering critical design, process, and other photonic technologies across all the major markets worldwide.

Phoseon's patented UV LED fiber curing system ensures high speed curing of optical fiber to deliver uniform and concentrated light for a fast cure, increased output and simplified process control.

"Phoseon has built a strong portfolio of patents covering our fiber curing technology. This recent grant brings us to a total of 300 patents granted or applied for - I'm proud of the Phoseon team for achieving this" said *Bill Cortelyou, President and CEO of Phoseon Technology*.

Phoseon's Fiber Curing System consists of a high intensity UV LED light source specifically matched to Phoseon's patented Fiber Reflector Unit (FRU) to direct the UV energy uniformly around the circumference of the fiber. LED technology greatly increases cure-speed, reduces energy consumption and increases factory utilization with high lamp reliability.

Phoseon invests in patented technology granting the company the exclusive right to produce and sell its technology so Phoseon customers can operate without the fear of supply chain interruption. In addition to Fiber-Cure, Phoseon is leading the conversion to LED in other key markets such as Flexographic printing and UV Inkjet printing.

Supported by its extensive engineering expertise, Phoseon drives and leads breakthrough innovations for UV LED applications. With over 16 years of in-house R&D and commitment to excellence in manufacturing execution and engineering, Phoseon UV LED systems offer several unmatched advantages over traditional curing with arc or microwave lamps, including:

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- Stable over time and more uniform UV output
 - Environmentally friendly alternative to curing with mercury-based lamps
 - Low operating temperature
 - Long lifetime
 - Energy efficient - operates only when needed
 - Safer and more comfortable workplace environment

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. Phoseon is an ISO9001 certified company manufacturing award winning products that are covered by 300 patents worldwide. We uniquely focus 100% on LED technology therefore ensuring superior reliability, business economics, and environmental benefits.

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