



FOR IMMEDIATE RELEASE:

Excelitas Technologies Expands Phoseon Nexus ONE UV LED Curing Platform for Flexographic Printing with New Sizes and 38% More Energy for Water-Cooled Systems

Nexus-Connect real-time monitoring capability for industry 4.0 is now available



Pittsburgh, Pa., August 13, 2024 – [Excelitas Technologies® Corp.](#), the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets, today introduced the expansion of the [Phoseon® Nexus ONE™ UV LED curing platform](#) for flexographic printing. Nexus ONE water-cooled products are available in five new sizes: 300mm, 375mm, 450mm, 525mm and 600mm. With unmatched performance, these new water-cooled systems deliver 38% more energy with

90 Watts per 25mm LED array segment. The Nexus ONE water-cooled systems complement the existing Nexus ONE air-cooled products, which are available in the same range of sizes. Nexus-Connect real-time monitoring capability is now available with Nexus ONE products.

Nexus ONE UV LED curing systems deliver the highest total UV power output to achieve increased print speeds, increased press uptime and double the lifetime compared to other products on the market. Nexus ONE is the first UV LED curing system available with a five-year warranty for the entire system, offering investment protection for customers.

Excelitas will display the innovative Phoseon Nexus ONE platform for flexographic printing from September 10 – 12, 2024 at [Labelexpo Americas](#) Booth #3810 in Rosemont, IL. For additional information about how Excelitas advanced UV LED curing solutions enhance printing applications, visit: <https://phoseon.com/industrial-curing/applications/uv-printing/>.

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About Excelitas Technologies Corp.

Excelitas is the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of photonic technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide.

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