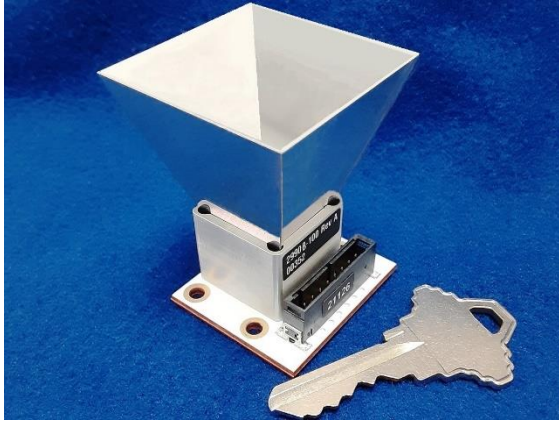


FOR IMMEDIATE RELEASE:

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Compact UV LED Light Engine for Flood Curing Equipment Can be Used Alone or in Arrays for Large Field Area Irradiation

Woburn, MA, October 1, 2019 Innovations in Optics, Inc. offers the LumiBright[®] UV-LED Light Engine Model 2990B-100 designed for UV flood curing systems to cure large parts or many small parts simultaneously. The light engine can be used alone or placed in tiled arrays to provide large area coverage. The 2990B-100 is intended for use within OEM equipment or integrated into automated assembly systems for photocuring of light-curable adhesives, coatings, encapsulants, gaskets, maskants and potting compounds. Other applications include UV curing of photoresist and solder masks for printed circuit boards and inkjet curing of printed electronics.

All LumiBright UV-LED Light Engines feature UV LED die arrays on MCPCB substrates manufactured with proprietary techniques that enhance thermal performance to support high current density operation. With active cooling, a single Model 2990B-100 provides an extremely uniform irradiance field of 50 mm x 50 mm with a flux density up to 500 mW/cm². Three standard versions are available with UV LED wavelengths centered near 365 nm, 385 nm and 405 nm. Additional LED curing wavelengths of 395 nm and 435 nm are also available upon request.

About Innovations in Optics, Inc.

Founded in 1993 and located near Boston, Innovations in Optics, Inc. offers high power LED light sources for science and industry that provide maximum photon delivery, illumination

uniformity, and stable optical power. Products offer system-level advantages over lasers and arc lamps in OEM equipment for many applications. Available LED wavelengths range from the UV through the near-infrared, including broadband white and multiband options. System accessories include thermal management devices, wire harnesses and driver/controllers. UV LED products support photomask exposure, direct image writing, 3D printing and photocuring. LumiBright[®] is a trademark of Innovations in Optics, Inc.