

FOR IMMEDIATE RELEASE:

Contact:

Kevin Carr
Innovations in Optics, Inc.
T: 781-933-4477
F: 781-933-0007
kevinc@innovationsinoptics.com
www.innovationsinoptics.com



LED Light Engines Help in the Battle Against COVID-19

Woburn, MA, July 28, 2020 - Innovations in Optics, Inc. offers high power LED Light Engines as fluorescent excitation illuminators for life science instruments. The company is deemed an essential supplier to several life science companies that manufacture equipment used to diagnose patients and study the virus. From Western blot imaging and real-time PCR to fluorescence microscopy, our LumiBright light engines are known for their ultra-high brightness and unsurpassed illumination uniformity.

LumiBright LE Light Engines feature patented non-imaging optics that direct light from an LED array into a desired cone angle with highly uniform illumination. The two standard far-field half-angles are 20 and 40 degrees. Available LED wavelengths range from UV to NIR, broadband white & multi-band. LumiBright LE Light Engines use state-of-the-art LED technology to meet the most demanding requirements involving fluorescence excitation.

Specific OEM applications are life science instruments such as: gel & Western blot documentation systems, real-time PCR thermocyclers, automated colony counters, low density microarray analyzers and small animal, *in vivo* fluorescence imaging systems. Specific LumiBright LE models offer holders for excitation filters that are often critical for fluorescence applications to ensure that the excitation spectrum does not overlap the emission spectrum.

The light engines support easy integration into OEM or end-user systems. These compact devices can be operated at tens of watts drive power to emit several watts of optical power. LumiBright LE Light Engines provide intense and stable optical power, short warm-up time, energy efficiency, low maintenance and long rated life.

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.