



light engines uniquely designed for the needs of bioanalysis

PRESS RELEASE

Lumencor Launches Newest Light Engine: First True Solid State Arc Lamp Replacement

The power of an arc lamp plus the stability, control and robustness of a solid state light engine.

Beaverton, Oregon—February 28, 2010—[Lumencor, Inc.](http://www.lumencor.com), a biotechnology company developing lighting solutions for the life sciences, announced today the launch of its newest product. The SPECTRA light engine® provides seven discrete solid state outputs spanning the complete visible spectrum, making it a true arc lamp replacement. This product complements the family of multicolor light engine products by Lumencor for microscopists, researchers and OEMs. “We want bioanalytical instrument manufacturers and researchers alike to know Lumencor offers the full range of state of the art solutions in high tech lighting tools. Our light engines are supporting high content screening, live cell imaging, digital histology, gene expression analysis and a plethora of other challenging applications in labs and instrumentation worldwide. Lumencor’s light engines outperform in power, speed, facile switching and stability the best of the arc lamps available commercially today.” stated Steven Jaffe, Ph.D., President and CEO. “We want our users to have the spectral, spatial and temporal control of the lighting subsystem that will enable even the most challenging quantitative analysis.”

New light engine options. SPECTRA light engines® were recently featured in San Francisco, CA in product demonstrations in both BIOS and Photonics West divisions of SPIE 2010. In addition to offering a multitude of outputs, covering the full visible spectrum from 380 nm to 680 nm, this new light engine features increased power per band for each channel over the existing light engine model outputs. The product has an updated streamlined design, full electronic control of intensity and switching speed in the 10s of microsecond time frame, and a dosimeter option. Adaptors for all major makes and models of microscopes are readily available and custom adaptors are available upon request. Custom optical design services to aid OEMs in making the most of these lighting subsystems are offered as well. Visit our site at www.lumencor.com.

Lumencor, Inc.

Lumencor is a Beaverton, Oregon-based device manufacturer building novel light engines for the life sciences industry. Lumencor light engines provide high quality solutions for lighting subsystems employed by life science instrument manufacturers, bioanalytical researchers and scientists with a high power, spectrally pure and stable light source. The units are designed to simply replace today’s light subsystems as well as for tomorrow’s small, portable analyzers. For more information about Lumencor, including several technology white papers, go to the website at: www.lumencor.com.

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