



Luminus Media Contact:
Lynette Rowe, Marketing
Communications Manager
978-528-8057
marcomm@luminus.com

FOR IMMEDIATE RELEASE

Luminus Devices Now Shipping the World's Most Powerful UV LED Available for Spot-Curing, 3-D Prototyping, and Fiber-Coupling Applications

U.S. Production UV Big Chip LEDs™ Now Shipping



Chicago, IL, Rad Tech UV&EB, April 30, 2012—[Luminus Devices, Inc.](http://www.luminusdevices.com), the leader in Big Chip LEDs™, announced today that production models of its largest UV LED device, the CBT-120-UV-C11, is now shipping in 382 to 392 nanometer (nm) wavelength range. “Applying Luminus’ industry-leading Photonic Lattice technology to UV wavelengths opens this single-chip 12 mm² device platform up to many new applications. We have already seen early customers in the fields of rapid prototyping, ink and adhesives curing, scientific and medical instrumentation, plus purification benefit from engineering samples of this powerful new this monolithic device. By making this device available more broadly, we are excited to see how the highest power-density UV LED device will benefit additional customers and industries,” said Luminus Devices’ Director of Global Industrial and New Business, Michael Lim.

“The power density delivered by the CBT-120-UV, along with its capability for optimized coupling to high-performance DLP® micro-mirror systems, made this LED ideal for us. We have implemented the Luminus UV light source in our LED-OM DLP® Discovery™ 4100 module that is used in direct imaging maskless lithography, rapid-prototyping and CtcP printing equipment,” said Roland Hoefling, President of Vialux, GmbH. “The size of this device and the capability of Luminus’ package has enabled us to develop advanced technology solutions for our customers and displace UV mercury-vapor lamps due to its power, longevity and efficiency.”

“Additionally, engineering samples of this chip in 375 and 405 nm wavelengths are available on the same high-performance platform. Luminus’ approach to innovation enables new and emerging technologies to be rapidly incorporated into our devices,” commented Luminus’ Mike Lim. “Luminus’ successful implementation of their Big Chip LED technology in the UV space will be complemented by the development of additional UV die sizes, wavelengths including 395 nm, as well as work on different form factors. Our technology lets us offer UV integrators a monolithic, easy-to-integrate light source that is RoHS compliant, environmentally friendly and more efficient with a median 12,000 hour lifetime,” concluded Lim.

These devices will be on active demonstration display at the Rad Tech UV & EB 2012 tradeshow in Chicago, at booth #508 from April 30-May 2. UV Big Chip LEDs can be purchased through Avnet in North America, EBV in Europe, and Mouser globally. Product specifications and ordering information for the Luminus UV Big Chip LED can be found at www.luminus.com.

About Luminus Devices

Luminus Devices is a leading developer and manufacturer of LED technologies and solutions for the multi-billion dollar global illumination market. Luminus’ high efficacy and high brightness LEDs are used by many of the world’s biggest companies for general lighting, projection display, entertainment, ultraviolet curing, medical, portable, transportation and digital signage lighting applications. Luminus has more than 144 patents/patents pending worldwide, and its revolutionary Big Chip LED™ technology enables new markets for solid-state lighting. Headquarters and wafer fab manufacturing facilities are located near Boston, Massachusetts, U.S.A. For more information, visit www.luminus.com