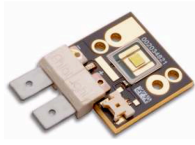




Luminus Announces the First Single-Chip LED Replacement for 300W Xenon and 175W Metal Halide Lamps

Next Generation CBT-90 LED Delivers 25% Increase in Brightness for Medical Devices and Entertainment Lighting



Billerica, MA, December 15, 2011—[Luminus Devices](http://www.luminus.com), Inc., leader in Big Chip LEDs™, has announced that its next generation CBT-90 white LED is breaking new ground by providing equivalent system-level light output within specialty lighting applications, including medical and entertainment lighting, that formerly used 300W Xenon and 175W metal halide lamps.

The CBT-90, consisting of a **single** 3mm x 3mm chip mounted on a metal core PCB, is now 25% brighter and capable of producing more than 2,200 lumens at its top end input current. “The new CBT-90 performance has never been achieved before by an LED,” said Chuck DeMilo, Global Director of Product Marketing for the Lighting Business Group at Luminus Devices. “The lumen density and brightness of the Luminus CBT-90 are unmatched in the marketplace, and are ideal for our customers working on exceptionally demanding specialty lighting applications. For example, our customers developing endoscopy light boxes, now for the first time, have an LED that produces system-level light intensity that rivals the gold standard for endoscopy – the 300W Xenon lamp.”

The story in entertainment lighting is similar as spot and wash fixtures are converting from specialty high intensity discharge lamps such as 175W metal halide to the CBT-90. “We expect the new generation CBT-90, featuring our industry leading Big Chip technology, will open new doors for the adoption of LEDs in some of the world’s most challenging lighting applications that have been, until now, unable to reap the benefits of solid state lighting,” DeMilo concluded.

Luminus is now accepting orders and shipping the new high performance CBT-90 from stock. Product specifications and ordering information 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 170 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

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