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FOR IMMEDIATE RELEASE

## **Luminus Releases High CRI LEDs Enabling Conversion of Conventional HID Lighting Technologies**

*CBT-90 LED has typical CRI of 93 and R9 of 85, delivering color rendering performance comparable with world's highest quality light sources*



**Frankfurt, Germany, Light + Building, (April 15, 2012)** —[Luminus Devices, Inc.](http://www.luminusdevices.com), announced today the CBT-90 white LED is available with guaranteed minimum CRI (color rendering index) of 90 and typical CRI of 93. The product has a typical R9 value of 85, allowing it to beautifully render deeply saturated reds.

“CBT-90 with high CRI takes our customers to the next performance level,” said Chuck DeMilo, Global Director of Product Marketing for Luminus. “Physicians can now accurately render deep red colors of tissue and blood during endoscopic surgery. Entertainment lighting fixtures will make flesh tones look warmer and more vibrant during theatrical productions. Retail display lighting designers emphasize high CRI, as it makes merchandise look more attractive and increases sales. Our customers are very excited about this development.”

Luminus recently increased the lumen output of the CBT-90 by 25%. The product is fully qualified at input currents up to 1.5A/mm<sup>2</sup>, delivering thousands of lumens with unparalleled brightness. The CBT-90 LED, manufactured and sold by Luminus since 2009, has been designed into volume lighting products by the world's leading companies. Typical applications include medical, automotive, machine vision and entertainment lighting where Luminus' Big Chip LED™ technology has displaced traditional lighting technologies including xenon, metal halide and halogen.

Luminus will be exhibiting in Hall 4.2, Stand G02 at Light + Building, April 15-20 at Messe Frankfurt in Frankfurt, Germany, where the new high CRI CBT-90 will be on

display. For more information on how Luminus is enabling the conversion of today's conventional lighting technologies to LED, visit [www.luminus.com](http://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](http://www.luminus.com)

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