

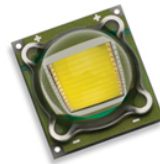


**Luminus Media Contact:**  
Lynette Rowe, Marketing  
Communications Manager  
978-528-8057  
[marcomm@luminus.com](mailto:marcomm@luminus.com)

FOR IMMEDIATE RELEASE

## **Luminus Big Chip LEDs™ Now Deliver 120 LPW Efficacy**

*Lighting Class White LEDs at 120LPW efficacy  
when tested at Department of Energy's standard conditions*



**Frankfurt, Germany, Light + Building, April 16, 2012** —[Luminus Devices, Inc.](http://www.luminusdevices.com) announced today that its white light LEDs are achieving 120 lumens per watt (LPW) at standard test conditions as specified by the Department of Energy (DOE). The 120 LPW efficacy represents the middle of the company's production distribution and aligns Luminus with the DOE roadmap for best in class efficacy.

“Luminus’ efficacy performance is measured with its commercially available LEDs driven at DOE standard current, and represents the median of our production distribution - not just our top bin,” said Arvind Baliga, Ph.D., Vice President of Engineering at Luminus Devices. “Frequently, efficacy is reported using low drive current that artificially inflates the result or using laboratory results for an LED that is not commercially available.”

“The recent accreditation of our test laboratory to the LM-80 standard, awarded by NVLAP (National Voluntary Laboratory Accreditation Program), illustrates Luminus’ commitment to providing our customers with accurate performance data about our LEDs,” said Keith T.S. Ward, President and CEO of Luminus. “Everyone at Luminus is excited about having reached another milestone in the development of our technology, as well as shipping LEDs that deliver state-of-the-art efficacy with our Big Chip industry leading high brightness packages.”

“High efficacy is only part of the story when it comes to our white light LEDs,” commented Chuck DeMilo, Global Director of Product Marketing at Luminus. “Our Big Chip LED technology provides customers with an efficient and powerful point source of

light that enables precise optical control and the highest center beam candle power in the lighting industry for applications including retail display spot, high bay and outdoor area lighting.”

Luminus is exhibiting in Hall 4.2, Stand G02 at Light + Building, April 15-20 at Messe Frankfurt in Frankfurt, Germany. For more information on how Luminus is enabling the conversion of today’s conventional lighting fixtures 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)