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Luminus Announces Third Generation COBs with up to 170 Lumens per Watt

Sunnyvale, Calif., March 9, 2016 - Luminus, Inc., a global manufacturer of high-performance LEDs, announced today a new third generation family of chip on board (COB) arrays with record-breaking efficacy and quality of light. This new product family boasts typical performance of 150 lumens per Watt efficacy in 3000K, 80+ CRI, $T_j = 85^\circ\text{C}$ for use in a multitude of indoor applications and 170 lumens per Watt at 6500K, 70CRI, 85°C for outdoor applications. With this third generation launch, Luminus has eclipsed their major competitors who have recently announced their own new generations of COBs with notably lower performance. These new COBs deliver up to 20 percent higher efficacy than previous second generation products by leveraging the company's latest high performance packaging technology and premium chips manufactured by Luminus' parent company, San'an. With volume production starting in May, Luminus will offer their full range of CCT and CRI combinations, including 95+ CRI Accuwhite™ and Sensus™ below black body products.



David Davito, Senior Product Marketing Director at Luminus, notes, "Our customers are delighted that we have accelerated our COB performance roadmaps to deliver industry leading efficacy which enables them to build new luminaires and retrofit bulbs with higher CRI, more flux, and lower thermal loads."

The third generation COB family is available in a wide range of popular CCT and CRI combinations, and light emitting surface diameters including 9mm, 11mm, 14mm, 18mm, 22mm, and 27mm. As with all Luminus COB products, the third generation line is 100 percent specified and tested at 85°C to guarantee hot performance in both indoor and outdoor applications.

Luminus will be exhibiting their third generation COBs and other new illumination light sources at Light+Building in Frankfurt, March 13-18, Hall 4.2 Stand H04.

About Luminus Devices

Luminus, Inc. develops and markets solid-state lighting solutions (SSL) to help its customers migrate from conventional lamp technologies to long-life and energy-efficient LED illumination. Combining technology originated from the Massachusetts Institute of Technology (MIT) with innovation from Silicon Valley, Luminus offers a comprehensive range of LED solutions for global lighting markets as well as high-output specialty lighting solutions for performance-driven markets including consumer displays, entertainment lighting and medical applications. Luminus is headquartered in Sunnyvale, CA, and has operations in Woburn, Massachusetts. For additional information please visit <http://www.luminus.com>.