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Luminus Announces Ultra High Density COBs to Replace Metal Halide in Retail Spot Applications

Sunnyvale, Calif., May 4, 2015 - [Luminus, Inc.](http://www.luminus.com), a global manufacturer of high-performance LEDs, announced today a new family of ultra high density chip on board (COB) arrays designed to replace ceramic metal halide technology commonly used in spot lights for retail lighting. The new "XH" series COBs are available in a variety of standard light emitting surface (LES) diameters including 6, 9, 11, and 14mm, which means that customers can use their existing ecosystems for optics and connectors, while producing new bulbs and fixtures with higher lumen output and increased center beam candle power (CBCP). The 9mm and 11 mm XH series COBs deliver the lumen output and high quality of light to replace 39W and 70W metal halide sources respectively. With a tiny form factor, the 6mm XH series at 3000K 80CRI generates 1500 lumens, and when combined with a 85mm diameter optic, throws an 8 degree beam with CBCP of over 30,000 Cd.

David Davito, product marketing director at Luminus, notes, "The high lumen density of our XH series is enabling our customers to replace metal halide by taking advantage of our high quality of light and shaping the beam into narrow spots with high CBCP while still maintaining small form factors in their bulb and luminaire designs. This results in more attractive retail displays where spot lights with more 'punch' will draw the consumers' eyes to targeted garments and merchandise, while also reducing energy bills, of course."

The XH series is available in a wide range of popular CCT and CRI combinations, including the 95 CRI minimum AccuWhite™ and below black body Sensus™ options, which Luminus launched last year and have been adopted in premium retail applications around the globe. As with all Luminus COB products, the XH series is 100% specified and tested at 85°C to guarantee hot performance in the application.

Luminus will be exhibiting the XH series and other new illumination light sources at LightFair International in New York City from May 5 – May 7 in booth 2141.

About Luminus, Inc.

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>.

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