



Luminus Gen 2 XH LED Delivers Knockout Punch to Metal Halide: More Light Output, More Center beam Candlepower

Color rendering, light output, efficiency, center beam candlepower, all improve on the performance of conventional metal halide.

SUNNYVALE, CALIF., April 19, 2017 [Luminus Devices, Inc.](#), a global manufacturer of high-performance LEDs and solid-state light sources, today announced its superior alternative to metal halide, the Gen 2 XH Series chip-on-board (COB) LED array. With substantial increases in light output and density, as well as color rendering, Luminus' Gen 2 XH Series directly addresses the requirements of lighting designers and retailers for punch and the ability to create dramatic scenes.

"The punch and light quality necessary to create dramatic visuals are now available from an LED package," said David Davito, Senior Director of Global Product Marketing, Illumination. "Our Gen 2 XH will finally enable retail users to eliminate metal halide across the board. Along with our 'below the black body' Sensus COBs, our customers can now create a full portfolio of retail lighting solutions."

With fully qualified LM80 and TM21, lumen maintenance is certified to at least 50,000 hours. Gen 2 XH is available in a four standard light emitting surface (LES) diameters including 6, 9, 11, and 14mm.

Luminus continues to evolve and refine LED technology so that designers and visual merchandisers can replace conventional lamps with more efficient light sources that are better targeted to their needs and more cost-effective over time.

Gen 2 XH Highlights

- Centerbeam Candlepower greater than 35/70W metal halide
- 98 CRI at 2700, 3000, 3500, and 4000 CCT
- Light Emitting Surfaces of 6, 9, 11 and 14mm
- Instant On
- Instant Restart
- 50,000 hour lifetime LM80 and TM21 at 85C

Spot Light Performance when Combined with Secondary Optic					
Gen 2 XH	Center beam Candlepower	Beam Angle	Efficacy 3000K, 90CRI	Typical Lumens (lm)	LES (Diameter mm)
CHM-6-XH20	30,000	8	99	1,285	6.3
CHM-9-XH20	40,000	10	98	2,590	9

Complete specifications for the Luminus Gen 2 XH are available [here](#) and the products can be purchased now through Luminus' [global distribution network](#).

About Luminus Devices, Inc.

Luminus Devices, 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 Devices is headquartered in Billerica, Massachusetts and has R&D facilities in Sunnyvale, CA. For additional information please visit <http://www.luminus.com>.

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