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Luminus XNOVA COB LEDs achieve top performance with 145 lumens per Watt (LPW) at 5000K

XNOVA COB LEDs released to mass production; industry best CRI up to 98 with AccuWhite technology

Billerica, MA (February 25, 2014) - Luminus Devices Inc., a global manufacturer of high-performance LEDs, announced today that its flagship XNOVA white Chip-On-Board (COB) products reached full mass production while setting another benchmark with industry-leading efficacy for both cool and warm white. Typical performance was measured at up to 145 lm/W at 5000K, and 132 lm/W for 3000K at room temperature. Hot lumens per Watt at 85C, a more representative view of what customers can expect in real-life conditions, attained a remarkable 134 lm /W at 5000K and 122 lm/W at 3000K.

“We are proud to report yet another performance breakthrough for XNOVA COB, testimony to the leading edge LED technology Luminus is creating,” said Dr. Decai Sun, Chairman and CEO of Luminus Devices. “This innovation, combined with state-of-the-art manufacturing equipment, allows Luminus not only to lead the industry in terms of performance and quality of light but also to provide the best value in the marketplace.”

The XNOVA COB LED portfolio offers a wide range of devices with Light Emitting Surface (LES) from 6 mm to 27 mm. Products are currently available with 80, 90 or 95 minimum CRI and color temperatures of 2700K, 3000K, 3500K, 4000K, 5000K, with 6500K launching next month. In addition, devices with AccuWhite technology combine a high color rendering with high efficacy and are ideal for directional lighting applications in commercial, retail and hospitality markets.

“Our LED portfolio has a solution for virtually every directional application from 300 lm MR-16s to over 10,000 lm commercial lighting fixtures,” added Stephane Bellosguardo, Vice-President of Global Marketing. “COBs are one of the fastest growing technologies in global lighting markets. Each XNOVA COB product achieves top metrics for its target applications enabling lighting equipment designers to create cost-effective yet innovative products whether targeting commercial or residential markets.”

Meet Luminus at Strategies in Light in Santa Clara, CA (February 25-27) or visit us at the Light and Building show in Frankfurt, Germany stand G02, Hall 4.2. (March 30 – April 4th)

Please visit <http://www.luminus.com/products/xnova.html> for more information about XNOVA COB products.



About Luminus Devices, Inc

Luminus Devices, Inc develops and markets Solid-State Lighting solutions 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.