Cree Debuts New LMH2 LED Modules to Serve Europe and Asia Markets

To support the growing global demand for the Cree LMH2 module, Cree announces the module is now available to lighting manufacturers based in Europe and Asia. The barrier-breaking LMH2 is designed to speed time-to-market and is the only LED module delivering 80 lumens-per-watt system efficacy combined with CRI greater than 90. The modules feature Cree TrueWhite® Technology, a revolutionary way to generate white light with LEDs.

“Cree modules let us quickly and easily create high-performance lighting solutions for our customers,” said Miroslav Masar, SSL director, OMS. “The LMH2 delivers the perfect combination of efficacy, color consistency and cost management.”

The compact, two-piece module gives lighting manufacturers the flexibility needed for rapid LED luminaire design and development. The LMH2 incorporates Cree TrueWhite LED technology for unrivaled efficacy and CRI, featuring primary optics for superior color uniformity. LMH2 also features primary thermal management – potentially eliminating the need for costly secondary thermal management systems. Optimized for more than downlights and spots, the LMH2 is designed for many lighting applications, including wall sconces, pendant lights, ceiling fans and many other common luminaires in commercial, retail, museums, residential, hospitality and restaurant environments.

“The LMH2 is designed with the needs of the 230-volt European and Asian lighting markets in mind,” said Mike Watson, Cree senior director marketing, LED components. “One of the major barriers to LED lighting adoption and design remains upfront cost. The new Cree LMH2 modules can reduce initial luminaire cost and accelerate time-to-market for OEMs.”

The LMH2 is available with 90 CRI at 850 and 1250 lumens and in color temperatures of 2700 K, 3000 K, 3500 K and 4000 K. Designed for 50,000 hours of operation and dimmable to five percent, the LMH2 comes with Cree's new industry-leading 5.5-year warranty. The LMH2 is also UL-recognized and complies with multiple international regulatory and safety standards. Luminaire makers seeking ENERGY STAR® qualification will have access to specification and performance data, including LM-80 reports, which can speed regulatory approvals.

Sample and production quantities are available with standard lead times from both Cree and Cree distributors. For additional information see www.cree.com/modules [1].

For additional product and company information, please refer to www.cree.com [2]. To learn more about the LED Lighting Revolution, please visit www.creeledrevolution.com [3]

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