

Press Information

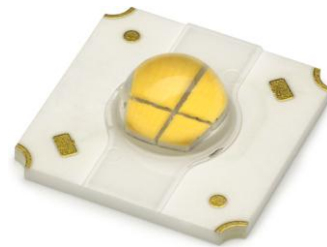
April 30, 2012

LUXEON H Delivers Superior Lumen Density in a High Voltage Architecture Minimizing System Costs and Space Constraints

San Jose, CA — Philips Lumileds has officially launched the new line of [LUXEON H](#) LEDs, now available in volume production. With the new 100V and 200V LUXEON H products, retrofit and small form factor applications will have enhanced performance, meeting ENERGY STAR specifications with easy drop-in assembly and industry leading quality of light.

LUXEON H leads in real world performance:

- CCT: 2700K, 3000K, and 4000K with minimum 80 CRI
- Superior Quality of Light – Freedom From Binning
 - Single 3-step MacAdam Ellipse color space
 - No flux bins; no Vf bins
- Hot Tested and Specified at $T_j=85^{\circ}\text{C}$
- Efficacy: Delivers up to 100 lm/W at 40 mA, 100V
- 100V / 200V package rated for 4W – 8W
- Typical Flux: 320 – 660 lumens at 20 – 90 mA and 100V or 200V



LUXEON H minimizes driver requirements and lowers overall system costs.

“The new generation of LUXEON H, compared to other high voltage LEDs, delivers better quality of light suitable for space constrained applications like GU10 and candelabra bulbs,” said Rahul Bammi, VP Marketing at Philips Lumileds.

Compact and dimmable drivers are already available and LUXEON H is being designed into bulbs as a single LED solution which offers significant advantages over the multi-source designs previously required. The ease of solderless assembly reduces fixture manufacturing costs. Complementary components including drivers, optics, and clamps are immediately available from Future Lighting Solutions.

In addition to 100V, 200V products, Philips Lumileds will be launching 50V high efficacy emitters in multiple CCTs in August 2012. With that, LUXEON H product family will serve luminaires from 1W to 8W with high efficacy and freedom from binning products. The new products can be seen at the upcoming Lightfair International show in both the Philips stand #208 and the Future Lighting Solutions stand #1621.

[Philips Lumileds](#) is a leading provider of LEDs for illumination solutions. Its LUXEON products deliver high light output, high efficacy and a more environmentally friendly light source, demonstrating its commitment to innovation.



For more information contact:

Kristi Espiritu
Marketing Specialist
Philips Lumileds
+1 408 964 2615
kristi.espiritu@philips.com

About Royal Philips Electronics

Royal Philips Electronics of the Netherlands (NYSE: PHG, AEX: PHI) is a diversified health and well-being company, focused on improving people's lives through timely innovations. As a world leader in healthcare, lifestyle and lighting, Philips integrates technologies and design into people-centric solutions, based on fundamental customer insights and the brand promise of "sense and simplicity." Headquartered in the Netherlands, Philips employs over 120,000 employees with sales and services in more than 100 countries worldwide. With sales of EUR 22.3 billion in 2010, the company is a market leader in cardiac care, acute care and home healthcare, energy efficient lighting solutions and new lighting applications, as well as lifestyle products for personal well-being and pleasure with strong leadership positions in male shaving and grooming, portable entertainment and oral healthcare.