

## Press Information

January 30, 2012

### **Philips Lumileds announces LUXEON K and sets new direction for retrofit and downlight LED lighting applications.**

*No color bins, no flux bins, no Vf bins, just consistent, uniform, quality light*

San Jose, CA — Philips Lumileds introduced LUXEON K today, its illumination grade array that charts a new direction for downlights and retrofit bulbs so that solutions can come to market more quickly and at a price that drives market adoption. LUXEON K arrays provide thousands of lumens of light output and will be available in three different CCTs with a typical CRI of 85, and with five configurations of 4-24 emitters per array, in early Q2 of this year.

“LUXEON K extends our portfolio of illumination grade LEDs engineered to optimize end-user satisfaction of specific applications,” said Rahul Bammi, VP Marketing at Philips Lumileds. “For downlights and retrofit bulbs, LUXEON K provides a unique approach that delivers the highest, most consistent quality of light in an easy-to-implement array. Our hot testing and specification at 85°C, and freedom from color, flux, and Vf binning, makes LUXEON K the simplest of LEDs to specify and use.”



*LUXEON K arrays are engineered to support rapid development of downlight and retrofit bulb solutions where quality of light and efficacy are essential.*

#### LUXEON K Performance Overview

- CCT: 2700K, 3000K, 4000K,
- Guaranteed minimum CRI of 80 and typical 85
- Typical Flux at 700 mA: 620 to 4455 lumens
- >100 lumens / Watt at 350 mA, Tj 85°C, 3000K CCT
- Hot testing and specification at 85°C
- Freedom From Binning:
  - Single 3-step MacAdam Ellipse color space
  - No flux bins; no Vf bins

Companies interested in LUXEON K can receive updates on availability, sampling, and specifications by sending an email to Philips Lumileds [LUXEON@Philips.com](mailto:LUXEON@Philips.com) or by contacting Future Lighting Solutions, [LUXEON@futurelightingsolutions.com](mailto:LUXEON@futurelightingsolutions.com). The new LUXEON LED will be shown at Philips Lumileds booth, #619, at Strategies in Light opening February 7 in Santa Clara, California.

[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.



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### **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. News from Philips is located at [www.philips.com/newscenter](http://www.philips.com/newscenter).