

Press Information

June 6, 2006

LUXEON® K2 LEDs from Philips Lumileds Win New Product Showcase Award at Lightfair International

LUXEON® K2 LEDs, the newest generation of high-power LEDs from Philips Lumileds Lighting Company, won the New Product Showcase Award at Lightfair International 2006 in Las Vegas. Judges consisting of a panel of lighting professionals honored LUXEON® K2 in the specialty lamp category in a competition focusing on the most innovative products in the lighting industry.

The LUXEON® K2 family earned the award for a series of technology breakthroughs that are paving the way for the development of solid-state luminaires with more useable light, reduced thermal management engineering, simpler manufacturing and lower cost. These capabilities stem from die and packaging advancements that set new industry benchmarks for light output, temperature tolerance and drive current.

New industry-leading performance thresholds set by LUXEON® K2 include a 140-lumen or higher light output in white, a 185°C maximum junction temperature, a maximum 1500mA drive current, and a JEDEC Level 2a rating for moisture tolerance. These and other features enable development of brighter LED-based lighting products, lower the cost per lumen, reduce the cost of system thermal design, and yield other benefits that promise to expand the market for solid-state lighting applications.

“LUXEON® K2 marks a turning point in the use of LEDs in general lighting, and the Lightfair judges clearly recognized that,” said Doug Silkwood, VP Marketing of Philips Lumileds. “With the technology that underlies our newest LUXEON® light source, lighting designers and engineers can take full advantage of the longer life, smaller footprint and energy efficiency of LEDs to produce a wide range of new products that will change the way people light their homes, offices and buildings of all kinds.”

About Philips Lumileds Lighting Company

Philips Lumileds Lighting Company is the world’s leading high-volume manufacturer of power LEDs and a pioneer in the use of solid-state lighting solutions for everyday purposes including automotive lighting, camera flash, LCD televisions, portable lighting and general lighting. The company’s patented



LUXEON® Power Light Sources are the first to combine the brightness of conventional lighting with the small footprint, long life and other advantages of LEDs. Philips Lumileds also supplies core LED material and LED packaging, and manufactures billions of LEDs annually. The company is headquartered in San Jose, California, with operations in the Netherlands, Japan and Malaysia and sales offices throughout the world. For more information, contact Philips Lumileds Lighting Company at 408-964-2900 or visit www.philipslumileds.com.

About Royal Philips Electronics

Royal Philips Electronics of the Netherlands (NYSE: PHG, AEX: PHI) is one of the world's biggest electronics companies and Europe's largest, with sales of \$37.7 billion (EUR 30.4 billion) in 2005. With activities in the three interlocking domains of healthcare, lifestyle and technology and 161,498 employees in more than 60 countries, it has market leadership positions in medical diagnostic imaging and patient monitoring, color television sets, electric shavers, lighting and silicon system solutions. News from Philips is located at www.philips.com/newscenter.

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