

## Press Information

March 03, 2009

### **New Osaka Street Lamps Lit by LUXEON® Power LEDs**

**San Jose, CA and Osaka, Japan** – Philips Lumileds today announced the installation of the first street lights using LUXEON power LEDs in Osaka Prefecture in Japan, reflecting the emergence of solid-state lighting as an energy-efficient alternative to street lamps using standard light sources. The fixtures, developed by Osaka-based Three Force, are contributing to an overall savings of 88% in electricity bills over the older high-pressure mercury lamps used elsewhere in the region.

"Our new street lamps in Osaka are saving a tremendous amount of energy and pedestrians really enjoy the quality of light that we get from the LUXEON LEDs," said Mr. Kazuaki Ueshima, CEO & President, from Three Force.

Each of the LED-based street lamps installed at a park on the Kizu River utilizes 36 cool white LUXEON LEDs. The LED array generates 30 lux at a pole height of 4.5 meters, comparable to the brightness of mercury lamps, while using just 25 W of power per fixture.

In addition to energy savings, LUXEON LEDs offer a 60,000-hour lifetime that is 5 to 10 times longer than mercury vapor, mercury-free construction, and the ability to achieve uniform light distribution with minimal glare in street lamp applications because of the greater control over light direction made possible by LUXEON's small form factor. Light can be precisely targeted through LED placement and optics optimization.

"This initial installation in Osaka Prefecture is part of an emerging movement to bring LED illumination to streets and sidewalks. We are seeing growing interest in solid-state street lamps from partners and cities around the globe and certainly here in Japan" said Norihide Yamada, General Manager, Japan for Philips Lumileds.

"Municipalities are familiar with the energy and maintenance benefits of LEDs, and street lighting promises to be the next big wave of LED adoption at the municipal level."





### **About Philips Lumileds**

Philips Lumileds is the world's leading provider of power LEDs for everyday lighting applications. The company's recent records for light output, efficacy and thermal management are direct results of the ongoing commitment to advancing solid-state lighting technology and enabling lighting solutions that are more environmentally friendly, help reduce CO<sub>2</sub> emissions and reduce the need for power plant expansion. Philips Lumileds' LUXEON LEDs are enabling never before possible applications in hospitality, outdoor lighting, retail lighting and in homes. More information about the company's LUXEON LED products and solid-state lighting technologies can be found at [www.philipslumileds.com](http://www.philipslumileds.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 approximately 121,000 employees in more than 60 countries worldwide. With sales of EUR 26 billion in 2008, 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 flat TV, male shaving and grooming, portable entertainment and oral healthcare. News from Philips is located at [www.philips.com/newscenter](http://www.philips.com/newscenter).

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