

Press Information

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“LIGHT FROM SILICON VALLEY” FINDS ITS WAY TO FOOTBALL FIELDS ON THE AFRICAN CONTINENT AS PART OF A SOLAR SOLUTION

San Jose, California – LUXEON Rebel LEDs made by Philips Lumileds in Silicon Valley are the light source in a solar-powered LED floodlight system designed by Philips that was unveiled late last year much to the joy of local children and adults with a passion for play. For the first time, they can participate in sports even after the sun has gone down. The new lighting presents a fantastic opportunity to enrich their lives, their health and their well-being.

Philips new, fully portable solution enables people with little or no access to electricity to enjoy playing or watching a sport long into the night. Today, some 1.6 billion people in the world are unable to connect to a regular electricity supply. The new Philips system with LUXEON LEDs enables communities in developing and developed markets alike to participate in social, educational, cultural and commercial activities after sunset - including the world's most popular sport, football (soccer).

Using the very latest energy-efficient LUXEON Rebel LEDs, the system can illuminate areas up to 40x20m with bright white light. Advanced battery cells provide up to eight hours of floodlighting on a single solar charge – the equivalent of two or three full evening football matches or training sessions. The system is also highly sustainable, with a rugged design able to withstand the extreme rigors of life in some of the more challenging and remote terrains in the world.

The union of LED and solar technology has been long awaited. Both technologies are DC based systems and the high efficacy and minimal power requirements of the LUXEON LEDs are perfectly matched to solar powered solutions.

The LED chips used in all LUXEON LEDs are manufactured at the company's San Jose California facility in the heart of Silicon Valley. The LUXEON Rebel LEDs used in the new solar LED floodlighting system can also be found in street lights, recessed downlights, retrofit bulbs, and many other illumination applications installed around the world.

The new solar LED floodlighting system is available now from Philips Lighting on a project basis. Philips provides a complete solution including the LED floodlights, portable poles, solar panels and batteries, or just a set of floodlights.

The system can also be used for non-sporting applications in locations without access to an electricity grid, such as evening classes in remote villages, safety and security, shops or outdoor markets, or emergency lighting for disaster situations. More information can be found at www.philips.com/offgridlighting.

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About Philips Lumileds

Philips Lumileds is the world's leading provider of power LEDs for illumination solutions. The company's leading 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 CO₂ emissions and reduce the need for power plant expansion. Philips Lumileds' LUXEON LEDs are enabling new solutions for shop, outdoor, office, school, and home lighting applications. More information about the company's LUXEON LED products and solid-state lighting technologies can be found at 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 more than 116,000 employees in more than 60 countries worldwide. With sales of US\$32.3 billion in 2009, 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.