

## Press Information

September 09, 2009

### LUXEON ALTILON MOVES AUTOMOTIVE HEADLAMPS FORWARD INTO THE 21<sup>ST</sup> CENTURY

SAN JOSE, CA—Philips Lumileds today officially moved automotive forward lighting ahead with release of its LUXEON® Altilon power LEDs. Now, vehicle headlamp designers are free to use the latest solid-state technology to rethink the look and function of forward lighting. Its small size, high brightness, and lower energy consumption make LUXEON Altilon a perfect choice for the next generation of advanced forward lighting solutions, high and low beam applications, daytime running lamps, static bending lamps and position lamps.

“LUXEON Altilon enables our automotive customers to provide forward lighting solutions that deliver never before possible performance and features while at the same time provide unique visual identities for their vehicle brands,” said Steve Barlow, Executive VP of Sales and Marketing for Philips Lumileds. “Using Philips Lumileds’ Thin Film Flip Chip die to deliver superior performance, the LUXEON Altilon is the brightest automotive LED available”.



*LUXEON Altilon in a 1x4 chip configuration*



*Audi R8 headlamp with LUXEON Altilon*

Already implemented in the Audi R8 for low and high beam functions, LUXEON Altilon can deliver more than 850 lumens and 60 MNits at 1000mA and is AEC-Q101C qualified. The color temperature is 5600K and conforms to both ECE and SAE specifications.

Specifications and information about LUXEON Altilon are available in a product brief and datasheet. Both documents are available via the world-wide web at [www.philipslumileds.com/solutions/automotivelighting](http://www.philipslumileds.com/solutions/automotivelighting).

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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 CO<sub>2</sub> 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](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 116,000 employees in more than 60 countries worldwide. With sales of \$38 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).