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## **Lumileds Luxeon powers Honeywell Project**

*STG Beikirch GmbH announces first key project through its Luxeon Solution Centre – Honeywell Airport Systems Windpower turbine lights*

BEST, THE NETHERLANDS (20 September 2004) - STG Beikirch GmbH's Luxeon Solution Centre in Germany has won a key project with Honeywell Airport Systems, Wedel, to manufacture the light source of Honeywell Airport Systems' new design of next generation obstruction lights.

The project sees Lumileds Luxeon LEDs applied to Honeywell-specified PC-boards in the new obstruction lights, which will be fitted to the top of windpower turbines located along coastlines and other suitable areas throughout Europe.

Mr Kobi, research and development, responsible for the optical part of the new obstruction light of Honeywell Airport Systems, said: "The Luxeon Solution Centre provided us with a customised service to develop our light solution, assisting us to find the optimum design of PCBs for the Luxeon LEDs and bringing reliability through their manufacturing expertise. Luxeon LEDs play a key role in the creation of these new obstruction lights, providing us with a high power, durable light source that has already proved extremely successful."

Using only 30 watts per light, each obstruction light incorporates 28 Luxeon LEDs with wide-angle optics to achieve a minimum of 170 candela light intensity at a 360° angle, ensuring that the new German regulations for night marking of wind turbines are met.

Frank Harder, Lumileds Sales Manager for Germany, said: "By working with the Luxeon Solution Centre, Honeywell has created a unique obstruction light that performs in the most extreme elements. Rather than just providing the LEDs and installation advice, the Luxeon solution centre worked with Honeywell to contribute to the development of an obstruction light solution that will last for years, while meeting the strict safety requirements.

"This is the first major project for the Luxeon Solution Centre and through a combination of investment in training and support, we are confident that a growing number of companies will select to work with such a centre to create custom designed LED solutions for their markets."

The STG Beikirch Luxeon Solution Centre was established to develop Luxeon based solutions for any market, providing a one-stop shop for the design assistance of cutting-edge solutions. Lumileds has invested in advanced training for the centre, providing specialist Luxeon trainers to ensure STG Beikirch staff can maximise the potential for enhanced, individual business solutions.

Ralf Böing, STG Beikirch GmbH Sales Manager said: "In the current market a growing number of companies are recognising the long term value and business opportunities that exist from working with an advanced solution. The Luxeon Solution Centre gives that strength to business, allowing them to achieve their goals faster and more smoothly.

"The Honeywell project reflects just what can be achieved. It has been a collaborative experience, with each company bringing their own expertise, and we are proud to be associated with Honeywell, Lumileds and such an innovative obstruction light solution."

For further information on the STG Beikirch Luxeon Solution Centre please visit [www.stg-beikirch.de](http://www.stg-beikirch.de)

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## **About Lumileds Lighting**

Lumileds Lighting is the world's leading manufacturer of high-power LEDs and a pioneer in the use of solid-state lighting solutions for everyday purposes including general lighting, automotive lighting, traffic signaling, signage and LCD backlighting. 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. Lumileds also supplies core LED material and LED packaging, and manufactures billions of LEDs annually. Lumileds is headquartered in San Jose, California, with operations in the Netherlands, Japan and Malaysia and sales offices throughout the world. For more information visit [www.lumileds.com](http://www.lumileds.com).

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