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LEDiL ANNOUNCES AVAILABILITY OF MINNIE SERIES REFLECTORS FOR CREE MT-G LEDs

Low-cost, highly efficient molded reflectors for a wide-range of down light applications

SALO, FINLAND, SEPTEMBER 12, 2011 – LEDiL's precision-molded MR11 (32.4mm and 35mm diameter versions) MINNIE reflector series allows for rapid deployment of new lighting solutions using Cree MT-G LEDs. Lighting designers now have a more reliable, low-cost choice than traditional drawn or spun metallic reflectors.

Molded from durable polycarbonate plastic resin, the optimal optical geometric design achieved in the design process is reproduced in the molding process. The reflectors, currently available in 26, 36 and 74 degree FWHM (full width half modulation) beam patterns, are finished in an aluminum coating with a protective lacquer finish and provide greater than 90% optical efficiency. The product is also available with a secondary adapter base that easily fastens to the PCB for quick attachment of the reflector cup to the adapter, making MINNIE simpler to mount than traditional metallic reflectors.

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Lighting designers are rapidly developing LED-based solutions that take advantage of the up-to 80% reduction in power afforded by solid-state technology and the long-life span of LEDs.

LEDiL's MINNIE reflectors allow immediate deployment – with no tooling investment – of LED-based fixtures to replace traditional halogen or incandescent bulbs in applications where directed light is favored, such as in spotlights in retail displays, meeting rooms, or in restaurants and bars. MINNIE reflectors are also ideal for use in museums and galleries as there are no damaging UV rays or heat in the beam.

MINNIE Series reflectors and adapters are available for delivery from multiple authorized partners in LEDiL's worldwide distribution network and samples are provided to qualified accounts that intend to utilize the product in an OEM application.

ABOUT LEDiL Oy

The only true specialist in the field of secondary optics for high-power and lighting-class LEDs, LEDiL has been producing precision-engineered optics and reflectors since 2002 and now boasts nearly 1000 standard products optimized for use with LEDs produced by the world's prominent LED manufacturers. Custom solutions are also commonly developed with minimal end-user tooling investment required. With production in Finland and China and a global network of authorized distributors, LEDiL's products are market-competitive and readily available. For more information, including a high-resolution photograph, contact: Robert Derringer at bob.derringer@ledil.com.

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