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LEDiL INTRODUCES 74MM AND 111MM REFLECTORS SHARING THE SAME MOUNTING BASE

LENINA and LENA Series offer design versatility in spot light and down light applications

SALO, FINLAND, MAY 2, 2012 – Addressing the needs of fixture and luminaire designers, LEDiL now offers two reflectors that share the same mounting base. Fixture design is simplified, allowing for common use of LEDs, PCBs and most hardware. Each mounting base contains bayonet-style latching posts for fast and secure mounting of a variety of reflector bodies. LENINA, recently introduced by LEDiL, is a 74mm diameter reflector that complements the previously released 111mm diameter LENA reflector family.

Supporting a wide-number of chip-on-board (COB) LEDs from Bridgelux, Citizen, Cree, Nichia and Sharp, mounting base design is optimized by LED. Mounting bases are molded from a special grade of polycarbonate, chosen for its highly reflective properties and its outstanding mechanical performance at elevated temperature. Reflector bodies, available in spot, medium and wide beam angles, are also molded from polycarbonate and are metallized and lacquer finished for peak performance and a pleasing, finished appearance.

When working with larger light sources, achieving FWHM beam angles of less than 10° is a challenge no matter the size of the reflector, yet LEDiL's optical engineers met the challenge and achieved 7.6° beam angle with LENA and 16° beam angle with LENINA. When an application calls for less intensity and a smoother, more diffuse beam, LENA and LENINA are each available with optional diffusing sub-lenses that easily snap into place over the front of the reflector body. A version incorporating a Fresnel sub-lens is an available choice designed for Citizen's CL-L340 COB.

Lighting designers are rapidly developing LED-based solutions that take advantage of the significant reduction in power afforded by solid-state technology and the long-life span of LEDs. LEDiL's LENINA and LENA reflectors are another step forward in the evolution of solid-state lighting technology and 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. The latest LED qualifications or distributor inventory can be viewed on-line at www.ledil.com. For more information, contact Bob Derringer @ bob.derringer@ledil.com, +1.908.216.2377.

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 800 standard products optimized for use with LEDs produced by the world's prominent LED manufacturers. The extensive line of products allows LEDiL's customers to accelerate time-to-market and keep pace with the rapid development of high-bright LED technology. Custom solutions are also commonly developed with minimal end-user tooling investment required. With production in Finland and China, sales personnel in Europe, Asia and the Americas, and a global network of authorized distributors, LEDiL's products are market-competitive and readily available.