

## FOR IMMEDIATE RELEASE

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### LEDiL INTRODUCES LENS ARRAY MODULES FOR ROADWAY AND INDUSTRIAL LIGHTING

*Four new lenses for rapid deployment of street light and high bay light fixtures*

SALO, FINLAND, FEBRUARY 9, 2012 – LEDiL extends its versatile STRADA series of lenses to include lens arrays designed for Cree's **XLamp®** XM-L and XP-G LEDs. Internal qualification tests continue to characterize the products for use with other high-power, single-emitter LEDs. Three arrays provide asymmetrical lighting patterns consistent with IESNA Type II through Type IV roadway lighting patterns, while two arrays meet high bay and commercial lighting needs.

The street lighting modules, designated as order codes C12360\_STRADA-2X2-DNW (IESNA Type IV), C12362\_STRADA-2X2-DWC (Type III) and C12419\_Strada-2x2-AT (Type II), are 4-position (2x2) arrays on 25.4mm (1") centers and 50mm square. The arrays contain a center mounting hole for screw fastening and, when stacked end-to-end or side-to-side, four additional mounting screws can be used to firmly secure the lenses in place.

The high bay modules contain optical elements arrayed on 25.4mm (1") centers and each array shares the same optical elements. C12361\_STRADA-2X2-HB is 4-position module (2x2) that is 50mm square, while C12345\_HB-5X1 is a linear lens array (1x5) 25mm wide by 123mm in length. C12361 is targeted for high bay lighting and overhead commercial illumination, while C12345 targets aisle and linear path lighting in warehouses and in production facilities. As with the street lighting modules, fastening is achieved through the use of screws, adhesives, or both.

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Molded from optical grade PMMA acrylic to offer outstanding UV resistance, the arrays offer outstanding beam control and greater than 90% light transmission efficiency. Integral mounting pins ensure proper positioning of each lens facet over the LED. The modules are easily and quickly fastened with screws or with approved adhesives, or with both.

In addition to providing photometric files in IES format, LEDiL's application engineering team can assist in the end-use application of these new arrays. Qualified accounts are encouraged to collaborate with the team on fixture design and lighting simulation; there is no charge for this service.

LEDiL's products allow immediate deployment – with no tooling investment – of LED-based fixtures to replace traditional metal halide, high-pressure sodium, and other traditional light sources used in roadway and commercial lighting applications. The high efficiency of the modules helps designers improve system efficiency and reduced cost through the use of fewer LEDs and electronic components.

These new modular arrays will soon be available for immediate delivery from multiple authorized partners in LEDiL's worldwide distribution network and samples are available for qualified accounts.

#### 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](mailto:bob.derringer@ledil.com).