



PRESS RELEASE  
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## LARISA — New miniature optics family from LEDiL

Small in size but high in efficiency. This versatile lens family is based on a convenient 10x10 mm footprint. Uniform size makes clustering easy and installation clips help mounting on to the PCB.

LARISA family features a comprehensive range of beam angles from real spot to extra wide, including oval. It has very good efficiency considering it's size, exceeding in the range of over 80%.

LARISA family comprehensively supports different LEDs from all of the largest LED manufacturers, including Cree, Nichia, Philips Lumileds and Osram.

### FEATURES AND BENEFITS

- Complete range of beam patterns; Real Spot, Medium, Wide, Extra Wide and Oval.
- Easy mounting with installation clips for 0,8 mm and 1,6 mm PCB thicknesses
- Diameter 9,9 x 9,9 mm, height 7,5 mm
- Holder is made of PC and lens precision-moulded from optical grade PMMA
- RoHS compliant and UL94 HB rated material with high operating temperature

### MARKETS AND TYPICAL APPLICATIONS

- Retail lighting
- Arrays and linear lights

Further reading: <http://www.ledil.com/larisaoptic>

#### About LEDiL:

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 over 1500 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.

LEDiL – turning light into lighting.

Visit our website <http://www.ledil.com> for more information.