



## GERI-RZ – Better uniformity with a narrow beam

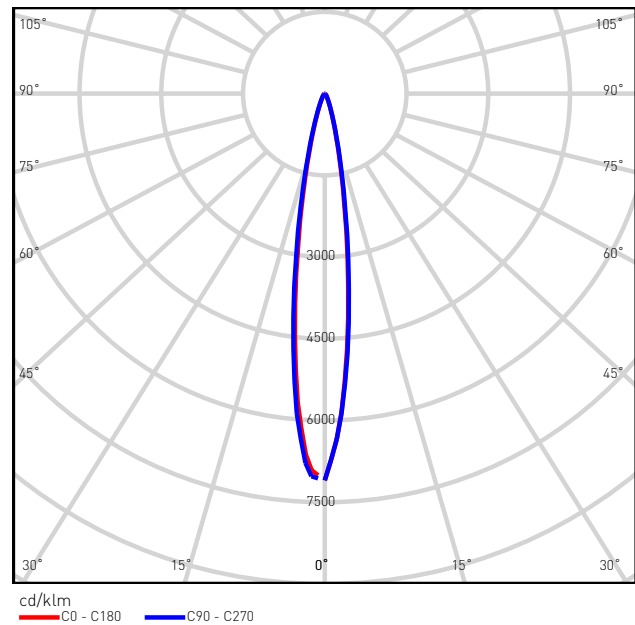
LEDiL announces the release of GERI, a 45 mm TIR lens providing very good color mixing quality with a narrow beam characteristics and a good candela center peak. GERI's mixing functionality is based on LEDiL's proprietary RZ-surface. Very good color uniformity can be achieved with this micro-lens structure without an additional mixing chamber. This helps to achieve exceptional efficiency and a small overall system size. GERI is designed to function with a range of multi-color LEDs whether RGBW or tunable white. Robust optical design of GERI lens produces uniform results even with a clusters of small LEDs introduced to the market from suppliers like Cree and Philips Lumileds.



CN13741\_GERI-RZ

## TECHNICAL SPECIFICATIONS

- Height: 32.8 mm
- Dimensions: 45 x 45 mm
- Beam type: Spot
- Typical FWHM: 16°
- Typical efficiency: 88%
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



### GERI-RZ beam with Osram Ostar-SMT RGB LED

A smooth beam with very good color uniformity achieved with GERI's micro-lens structure and LEDiL's proprietary RZ-surfaces.



### ORDERING INFORMATION

CN13741\_GERI-RZ

Visit [www.ledil.com](http://www.ledil.com) for ordering codes and latest product specifications, which may vary by LED