



LEDiL's new WINNIE – Compact your MR16 designs

The new WINNIE family from LEDiL features unique folded TIR design which substantially reduces height compared to traditional collimating optical designs. WINNIE features convenient MR16 size for a range of luminaire or retrofit designs and can be used with heat sinks pre-drilled for Zhaga compatible light engines. Highly efficient design, typical efficiency close to 90%. The spot version has a beam angle of around 20 degrees, subject to the LES size. Medium and wide flood beams to follow soon.

FEATURES

- PMMA lens for a range of COB's with LES size up to 21 mm
- Hyper-reflective white PC holder and optical grade PMMA for high efficiency
- Unique flat folded TIR design
- Zhaga Book 3 compatible fastening – pre-drilled heatsink available
- Designed to work with the range of COBs from brands like Cree, Citizen, Osram and Bridgelux

TYPICAL APPLICATIONS

- Track lighting luminaires
- Retrofits
- Downlights
- Indoor and outdoor spotlights



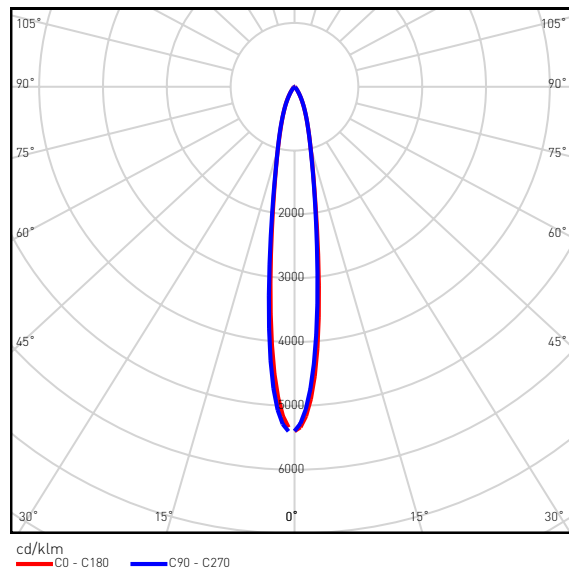
TECHNICAL SPECIFICATIONS

CN14236_WINNIE-S

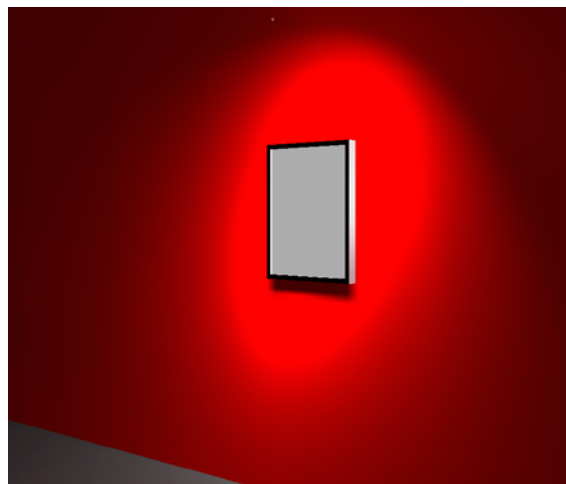
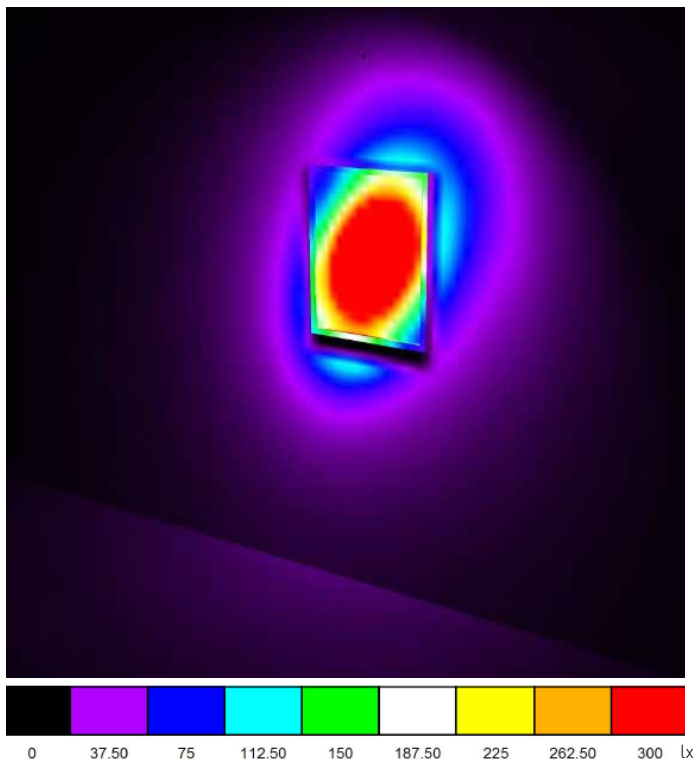
- Height: 19,3 mm
- Diameter: 49,8 mm
- Beam type: Spot
- Typical FWHM 22°
- Typical efficiency 87%
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C

Coming soon

- WINNIE-M (FWHM $\approx 35^\circ$)
- WINNIE-W (FWHM $\approx 50^\circ$)



DESIGN EXAMPLE



Painting illuminated with WINNIE-S

- Luminaire installed 95 cm from the back wall
- Luminous flux (luminaire): 419 lm
- Luminaire wattage: 4.8 W

ORDERING INFORMATION

CN14236_WINNIE-S

Visit www.ledil.com for ordering codes and latest product specifications, which may vary by LED