

## WINNIE-O – Compact and comfortable

WINNIE-family expands with the WINNIE-O having oval shaped light distribution. WINNIE-O's unique folded TIR design has substantially reduced lens height compared to traditional collimating optical designs. Hyper-reflective white PC holders and optical grade PMMA gives exceptional optical efficiency common to all LEDiL's products. The WINNIE-O is easily adaptive to many earlier luminaire and retrofit designs with its convenient MR16 size.

### FEATURES

- 1:3 oval ratio depending on LED
- 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 from a range of manufacturers
- Designed to work with the range of COBs having LES sizes within 6 to 21 mm range

### TYPICAL APPLICATIONS

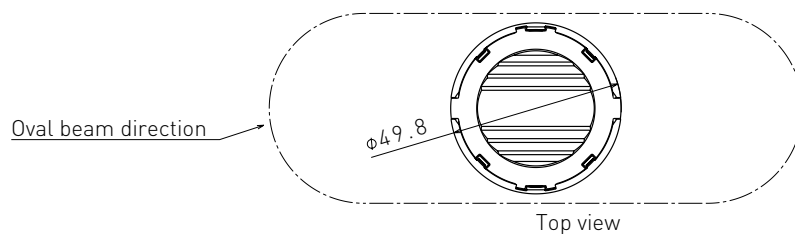
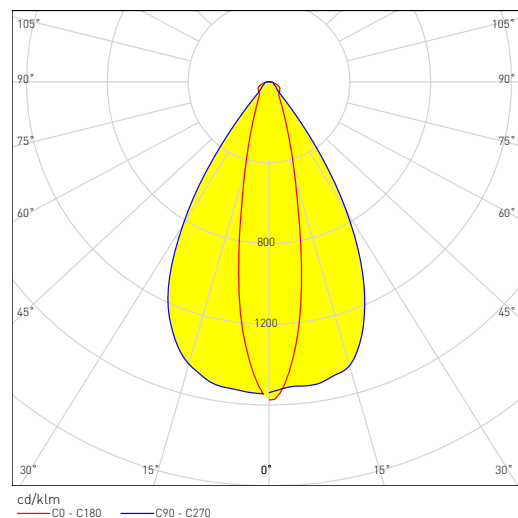
- Track lighting luminaires
- Retrofits
- Downlights



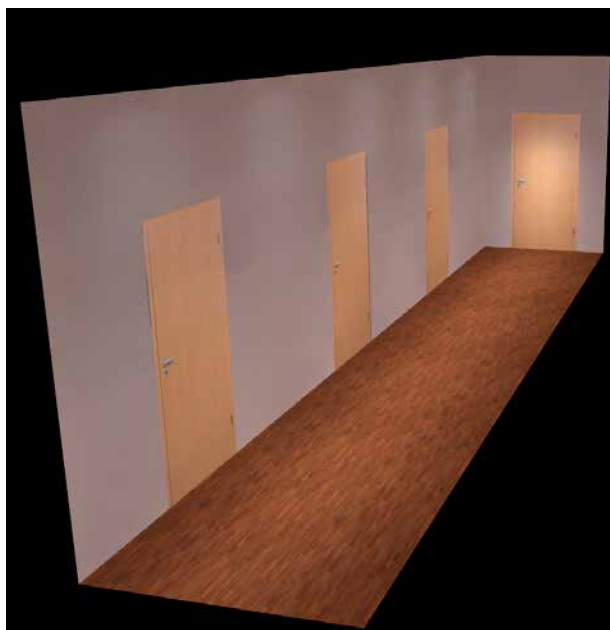
CN14811\_WINNIE-O

## TECHNICAL SPECIFICATIONS

- Height: 19,3 mm
- Diameter: 49,8 mm
- Beam type: Oval
- Typical FWHM 20+63°
- 1:3 oval ratio depending on LED
- Typical efficiency 91%
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



## DESIGN EXAMPLE



### Corridor lighting with CN14811\_WINNIE-0

5 luminaires installed, 475 lm / luminaire  
 Luminaire spacing 2 meters  
 Luminaire installation height 2.8 meters  
 Corridor width 1.8 meters  
 Corridor length 10 meters

$E_{av}$  91 lx  
 $E_{min}$  33 lx  
 $E_{max}$  148 lx  
 $u0$  148

## ORDERING INFORMATION

CN14811\_WINNIE-0

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