

## WINNIE-M

~35° medium beam. Holder with 35 mm screw hole distance according to Zhaga standard. Compatible with Bender+Wirth 4xx Typ L5 connector.

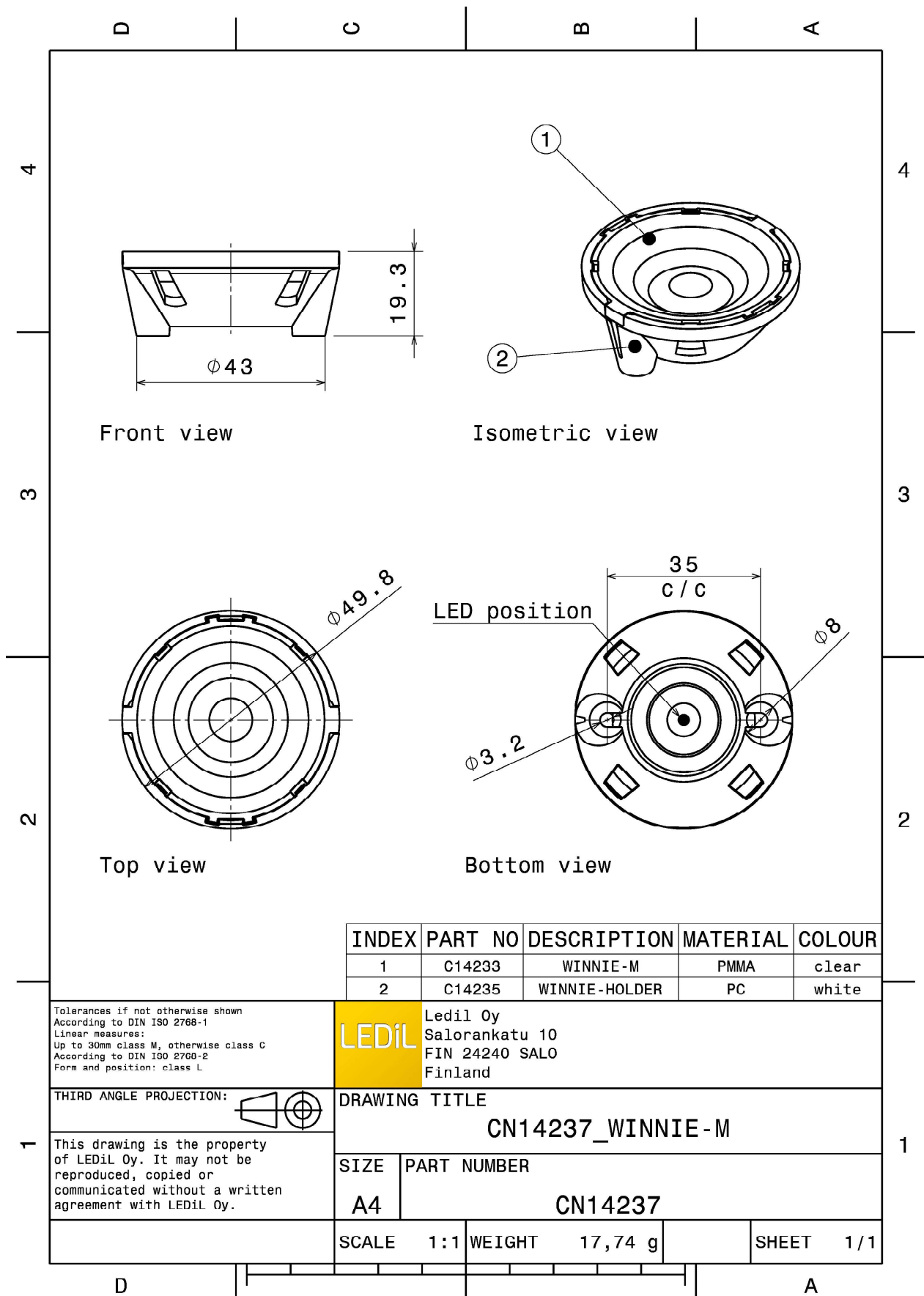
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.8 mm
Height	19.3 mm
Fastening	screw
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	364 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

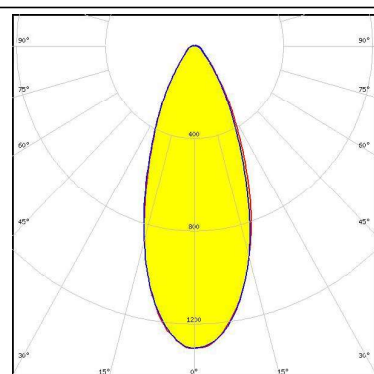
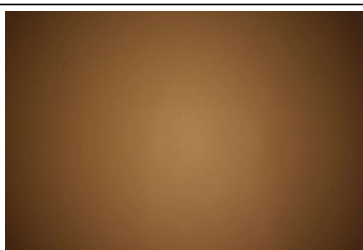
Component	Type	Material	Colour
WINNIE-M	Single lens	PMMA	clear
WINNIE-HOLDER	Holder	PC	white



#### PHOTOMETRIC DATA (MEASURED):

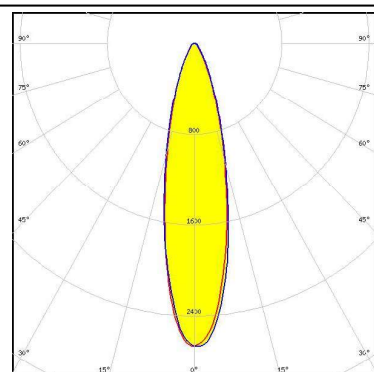
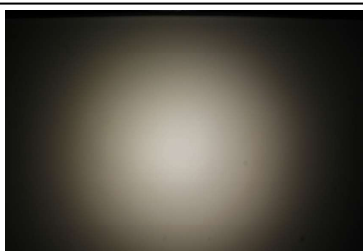
#### CITIZEN

LED CLU720/721  
 FWHM 41.0°  
 Efficiency 90 %  
 Peak intensity 1.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 433 Typ L5



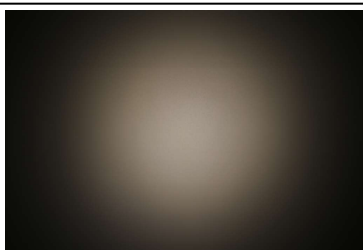
#### CREE

LED CXA/B 13xx  
 FWHM 25.0°  
 Efficiency 88 %  
 Peak intensity 2.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



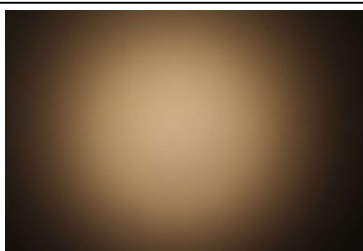
#### CREE

LED CXA/B 13xx  
 FWHM 26.0°  
 Efficiency 87 %  
 Peak intensity 2.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

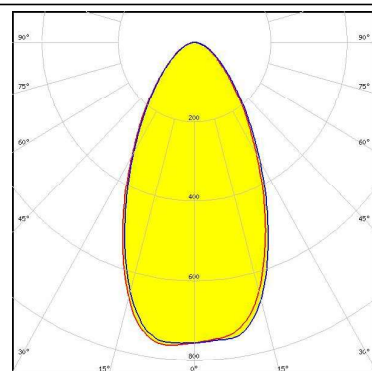
LED CXA/B 15xx  
 FWHM 31.0°  
 Efficiency 86 %  
 Peak intensity 2.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



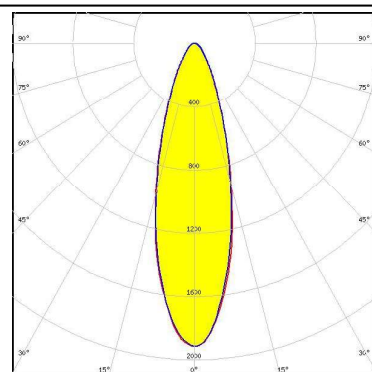
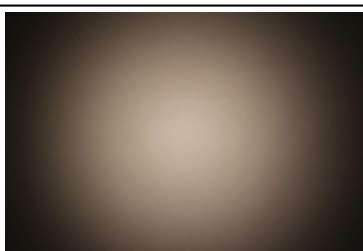
#### PHOTOMETRIC DATA (MEASURED):



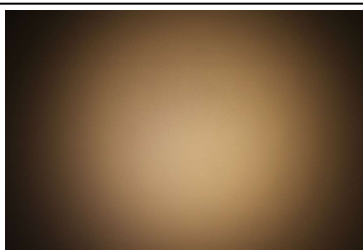
LED CXA/B 25xx  
FWHM 55.0°  
Efficiency 85 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



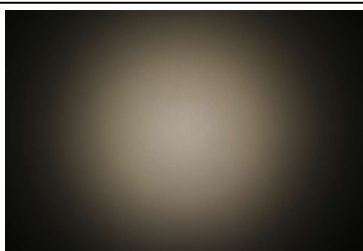
LED MHD-E/G  
FWHM 30.0°  
Efficiency 87 %  
Peak intensity 1.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON CoB 1202/1203  
FWHM 34.0°  
Efficiency 86 %  
Peak intensity 1.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON CoB 1202s  
FWHM 27.0°  
Efficiency 86 %  
Peak intensity 2.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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