

## WINNIE-WW

~65° wide beam. Holder with 35 mm screw hole distance according to Zhaga standard. Compatible with Bender+Wirth 4xx Typ L5 connector.

### SPECIFICATION:

Dimensions	Ø 49.8 mm
Height	19.3 mm
Fastening	socket
ROHS compliant	yes ⓘ



### MATERIALS:

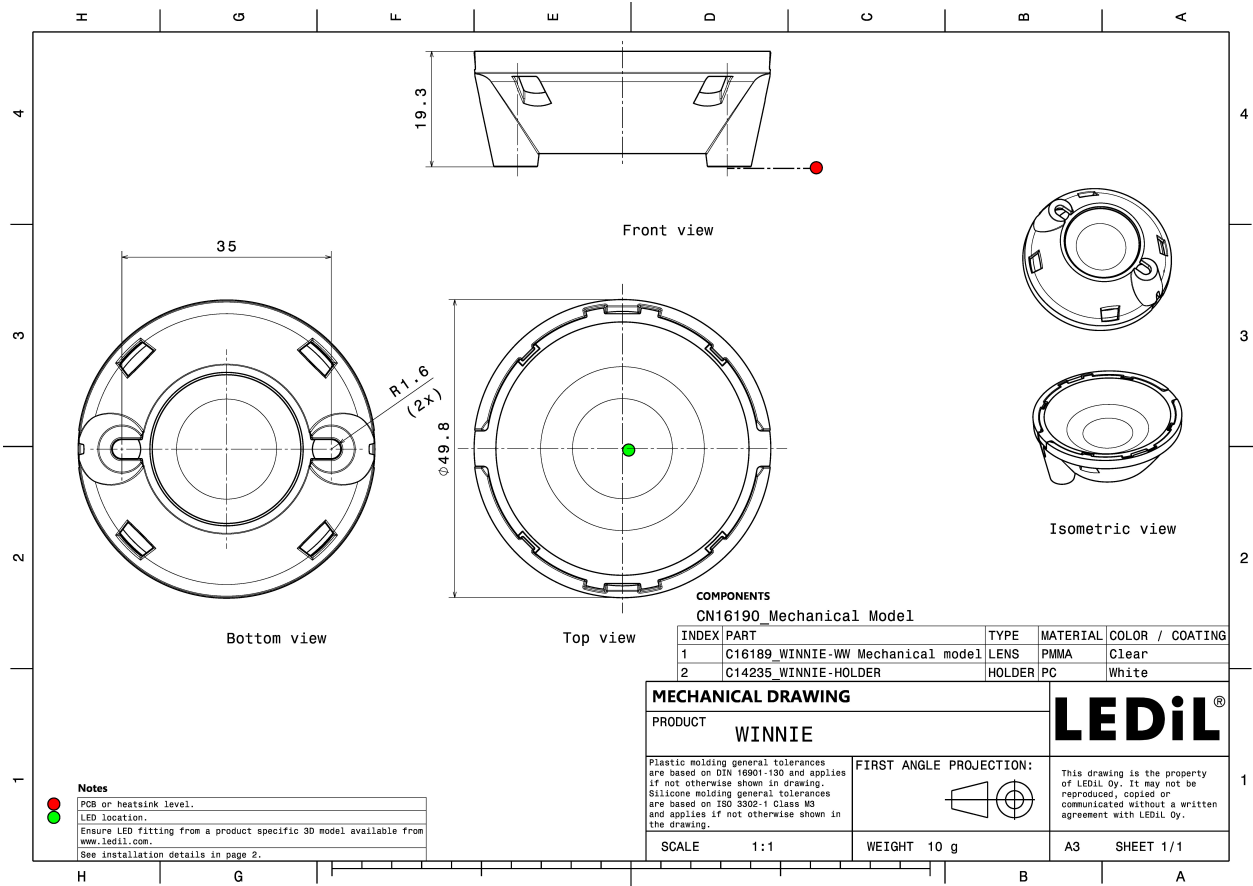
Component	Type	Material	Colour	Finish	Length
C16189_WINNIE-WW	Single lens	PMMA	clear		49.6
C14235_WINNIE-HOLDER	Holder	PC	white		49.8

### ORDERING INFORMATION:

#### Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16189_WINNIE-WW	Single lens	364	84	28	5.6
» Box size: 476 x 273 x 292 mm					
C14235_WINNIE-HOLDER	Holder	1820	84	28	7.2
» Box size: 480 x 280 x 300 mm					

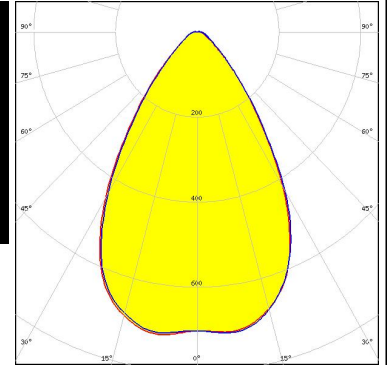
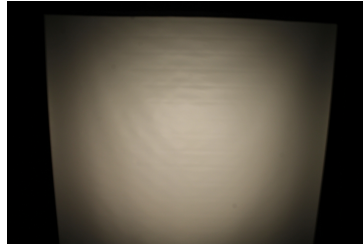


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

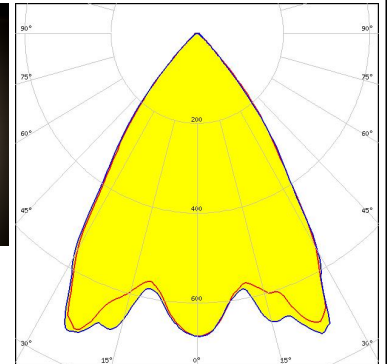
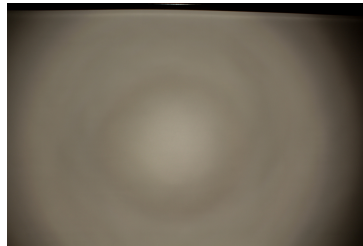
LED CLL02x/CLU02x (LES10)  
FWHM / FWTM 66.0° / 102.0°  
Efficiency 91 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### CITIZEN

LED CLU700/701/702/703  
FWHM / FWTM 70.0° / 91.0°  
Efficiency 87 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C

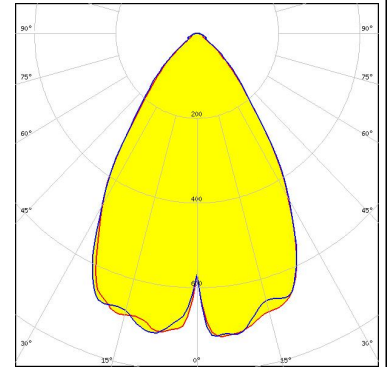


Light distribution files

### OPTICAL RESULTS (SIMULATED):



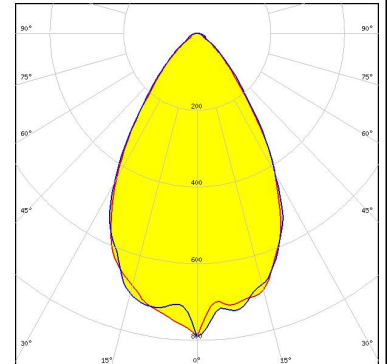
LED V10 Gen7  
FWHM / FWTM 66.0° / 100.0°  
Efficiency 90 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



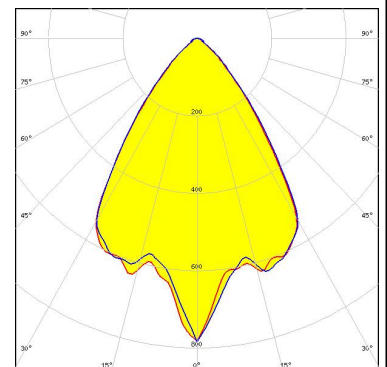
LED V13 Gen7  
FWHM / FWTM 63.0° / 100.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED CXA/B 13xx  
FWHM / FWTM 69.0° / 100.0°  
Efficiency 90 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

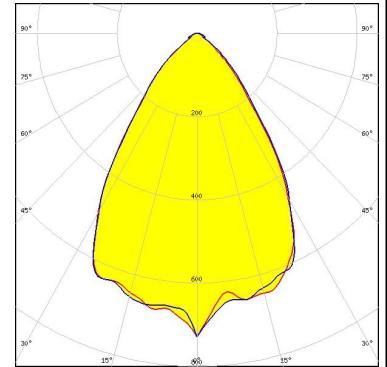


Light distribution files

### OPTICAL RESULTS (SIMULATED):



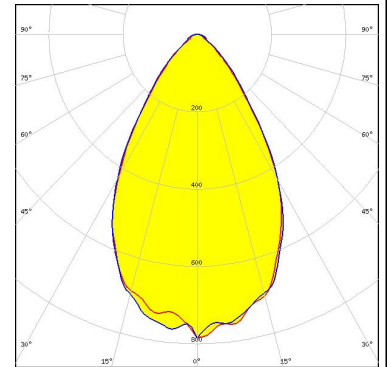
LED CXA/B 15xx  
FWHM / FWTM 68.0° / 101.0°  
Efficiency 90 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



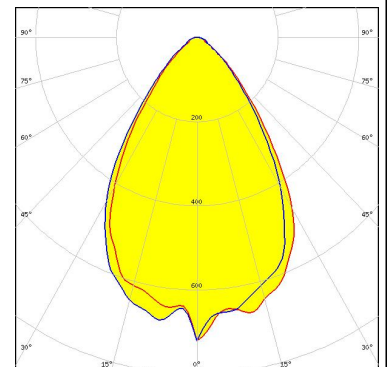
LED CXA/B 1830  
FWHM / FWTM 62.0° / 100.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED CXA/B 25xx  
FWHM / FWTM 67.0° / 104.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

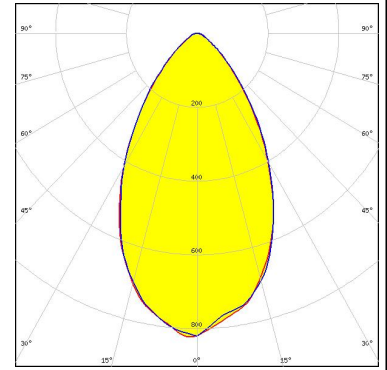


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	Soleriq S13 19x19
FWHM / FWTM	60.0° / 103.0°
Efficiency	90 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### 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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