

### RONDA-O

~50° + 30° oval beam with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL.

#### SPECIFICATION:

Dimensions	Ø 69.9
Height	17.3 mm
Fastening	socket
ROHS compliant	yes ⓘ



#### MATERIALS:

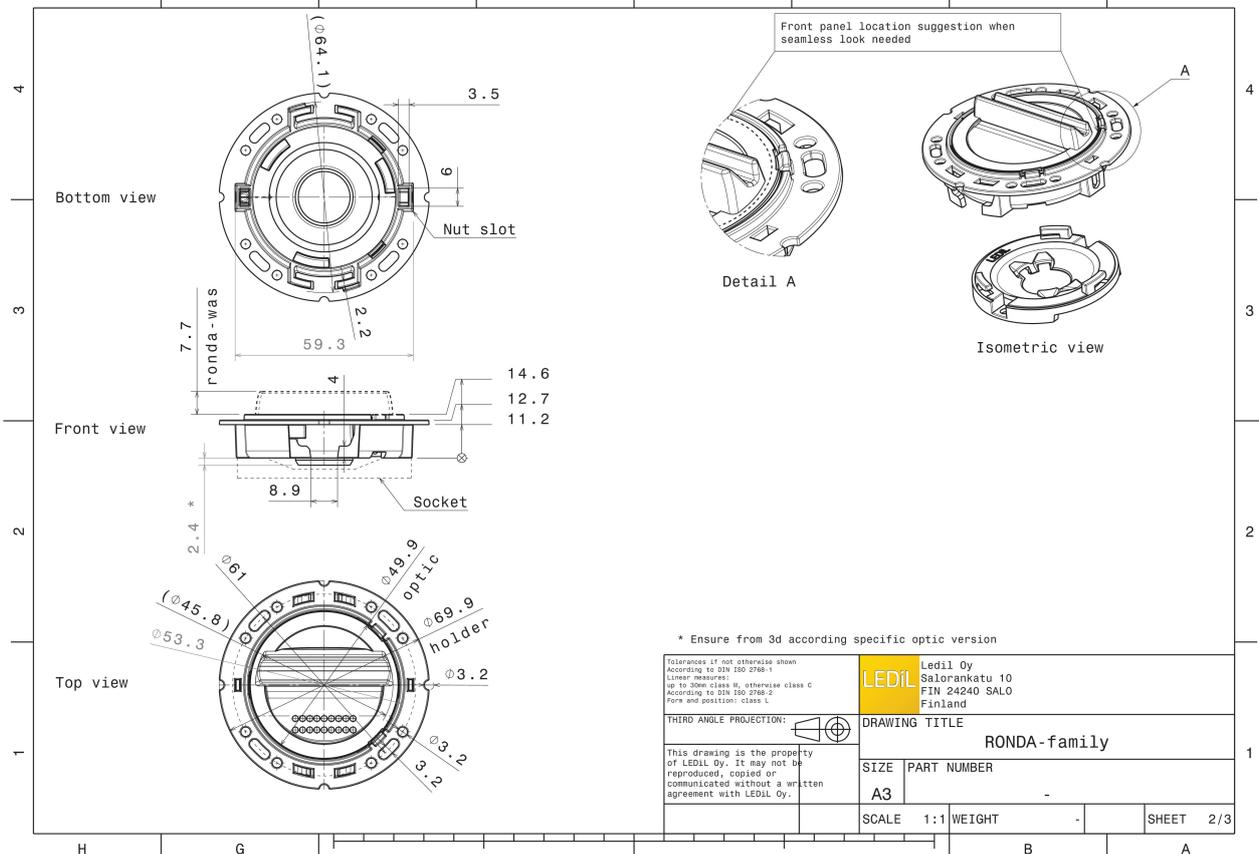
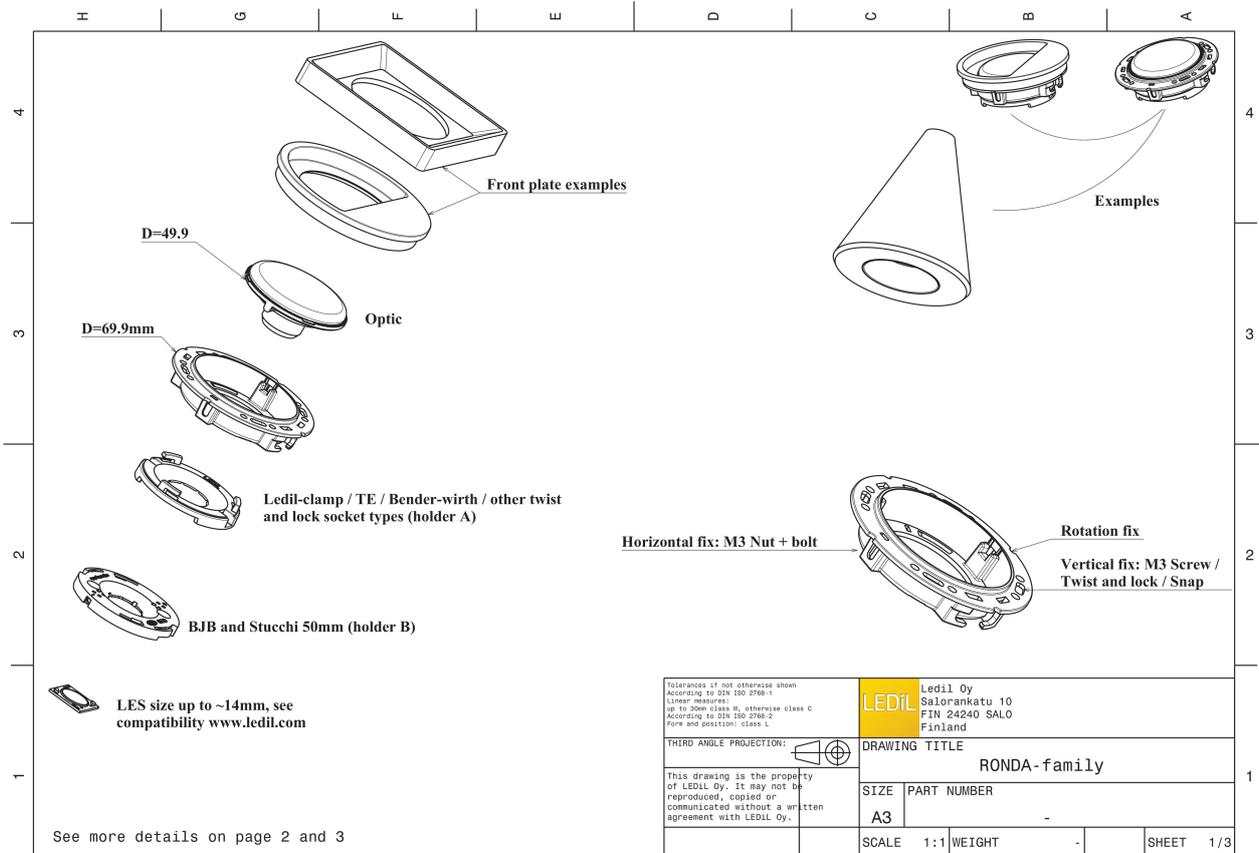
Component	Type	Material	Colour	Finish	Length (mm)
F15990_ROMDA-O	Single lens	PMMA	clear		
F15155_ROMDA-HLD-A	Holder	PC	white		

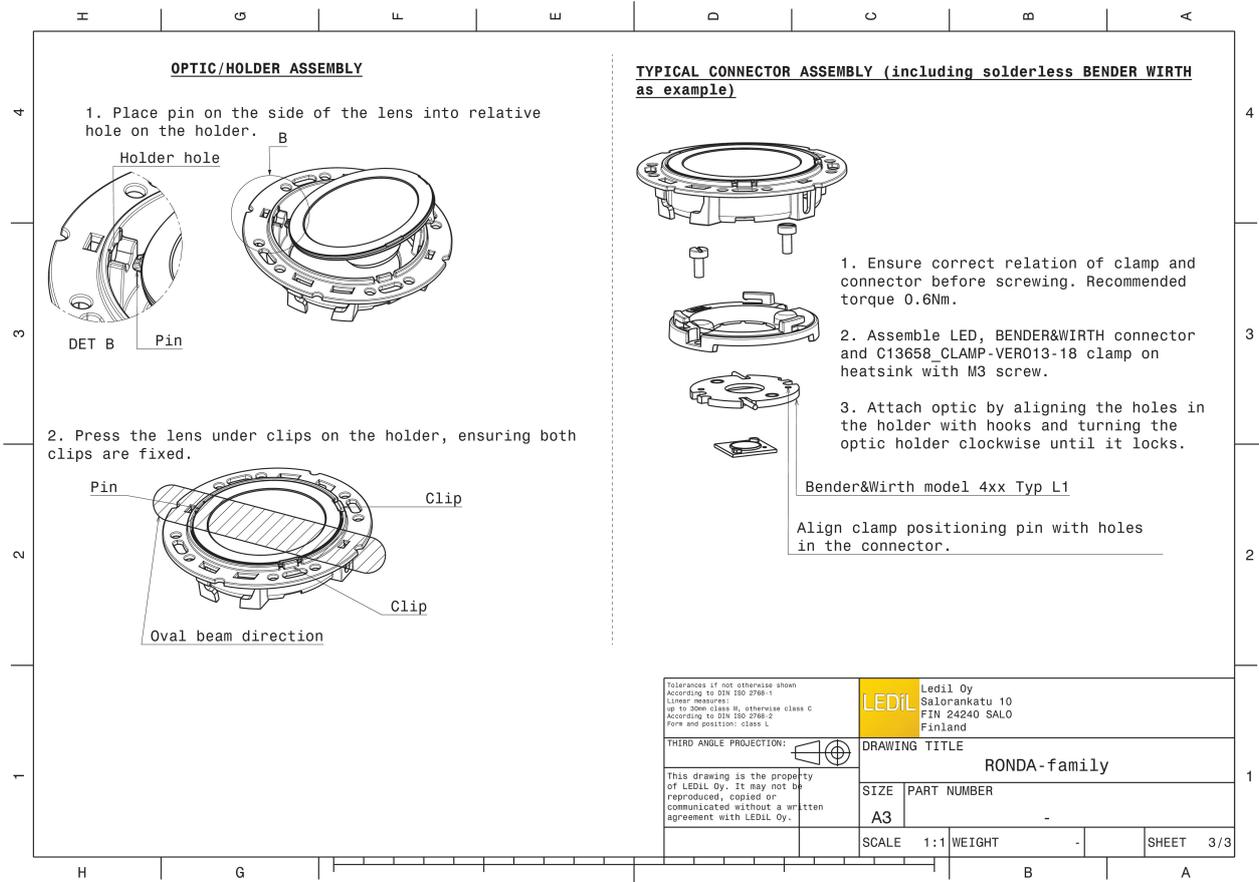
#### ORDERING INFORMATION:

##### Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15990_RONDA-O	Single lens	420	120	30	6.5
» Box size: 480 x 280 x 300 mm					
F15155_RONDA-HLD-A	Holder	420	120	30	4.4
» Box size: 480 x 280 x 300 mm					



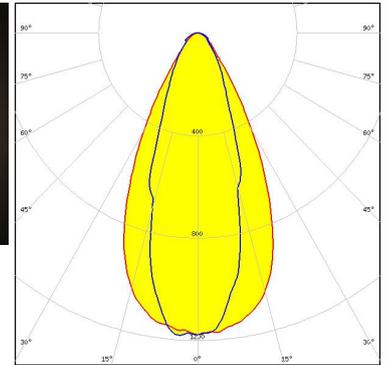


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



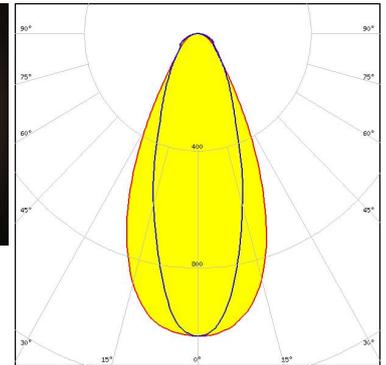
**LED** Vero SE 13  
**FWHM / FWTM** 53.0 + 36.0° / 84.0 + 79.0°  
**Efficiency** 88 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16402\_CLAMP-VEROSE-13-18



Light distribution files

### CITIZEN

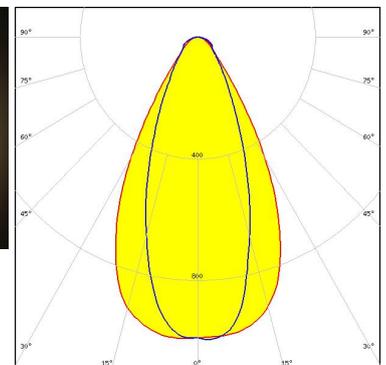
**LED** CLL03x/CLU03x  
**FWHM / FWTM** 51.0 + 35.0° / 92.0 + 91.0°  
**Efficiency** 85 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16791\_CLAMP-Z45-A  
 TE Connectivity: 2325807-3



Light distribution files



**LED** CMA1840  
**FWHM / FWTM** 58.0 + 40.0° / 90.0 + 86.0°  
**Efficiency** 88 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C14123\_CLAMP-CXA15-18

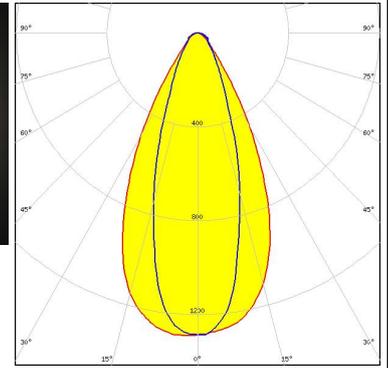
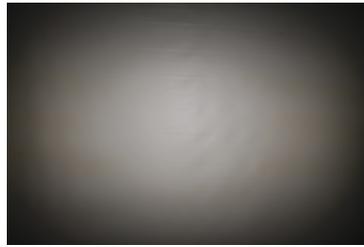


Light distribution files

### OPTICAL RESULTS (MEASURED):



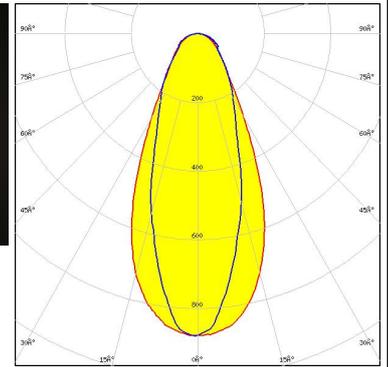
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 53.0 + 34.0° / 83.0 + 72.0°  
 Efficiency 91 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



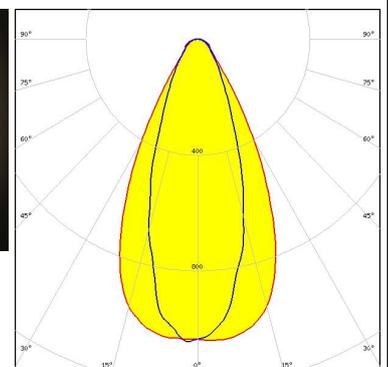
LED PrevaLED Core G7 L15 H1  
 FWHM / FWTM 42.0° / 99.0°  
 Efficiency 77 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16685\_CLAMP-PRV-A



Light distribution files



LED Fortimo SLM L13 CoB  
 FWHM / FWTM 54.0 + 37.0° / 85.0 + 81.0°  
 Efficiency 83 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



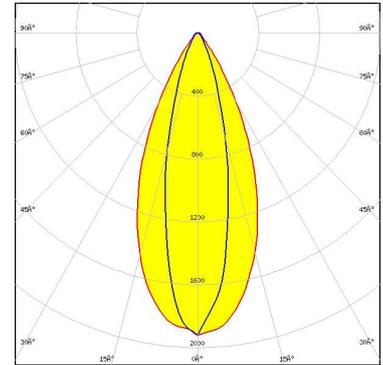
Light distribution files

### OPTICAL RESULTS (SIMULATED):



**LED** V10 Gen7  
**FWHM / FWTM** 46.0 + 25.0° / 74.0 + 53.0°  
**Efficiency** 89 %  
**Peak intensity** 1.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

Bender Wirth: 634b 3Hook

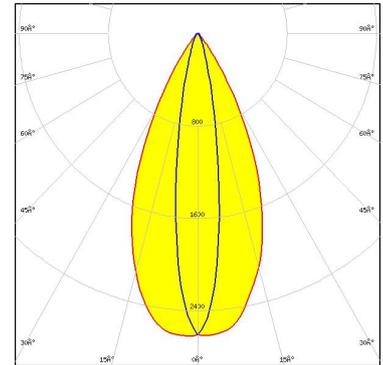


Light distribution files



**LED** V6 HD Gen 7  
**FWHM / FWTM** 48.0 + 17.0° / 73.0 + 36.0°  
**Efficiency** 91 %  
**Peak intensity** 2.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

Bender Wirth: 634c 3Hook

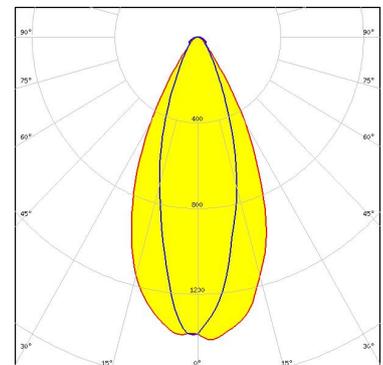


Light distribution files



**LED** VERO13  
**FWHM / FWTM** 49.0 + 30.0° / 78.0 + 49.0°  
**Efficiency** 86 %  
**Peak intensity** 1.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

C13658\_CLAMP-VERO13-18

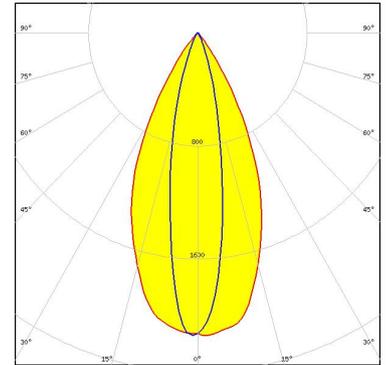


Light distribution files

### OPTICAL RESULTS (SIMULATED):



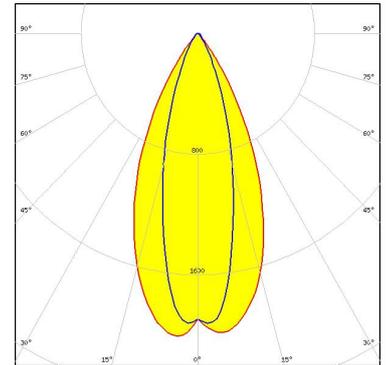
LED CXA/B 15xx  
 FWHM / FWTM 49.0 + 21.0° / 74.0 + 43.0°  
 Efficiency 0 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C14123\_CLAMP-CXA15-18



Light distribution files



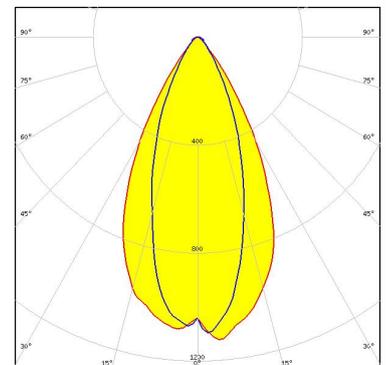
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 48.0 + 27.0° / 75.0 + 57.0°  
 Efficiency 0 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C14123\_CLAMP-CXA15-18



Light distribution files



LED CXA/B 1830  
 FWHM / FWTM 54.0 + 37.0° / 82.0 + 72.0°  
 Efficiency 77 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C13658\_CLAMP-VERO13-18



Light distribution files

Bender Wirth: 457 Typ L1

### OPTICAL RESULTS (SIMULATED):



LED	COB L-Type (LES 9)
FWHM / FWTM	83.0°
Efficiency	86 %
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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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