

RONDA-O

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

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

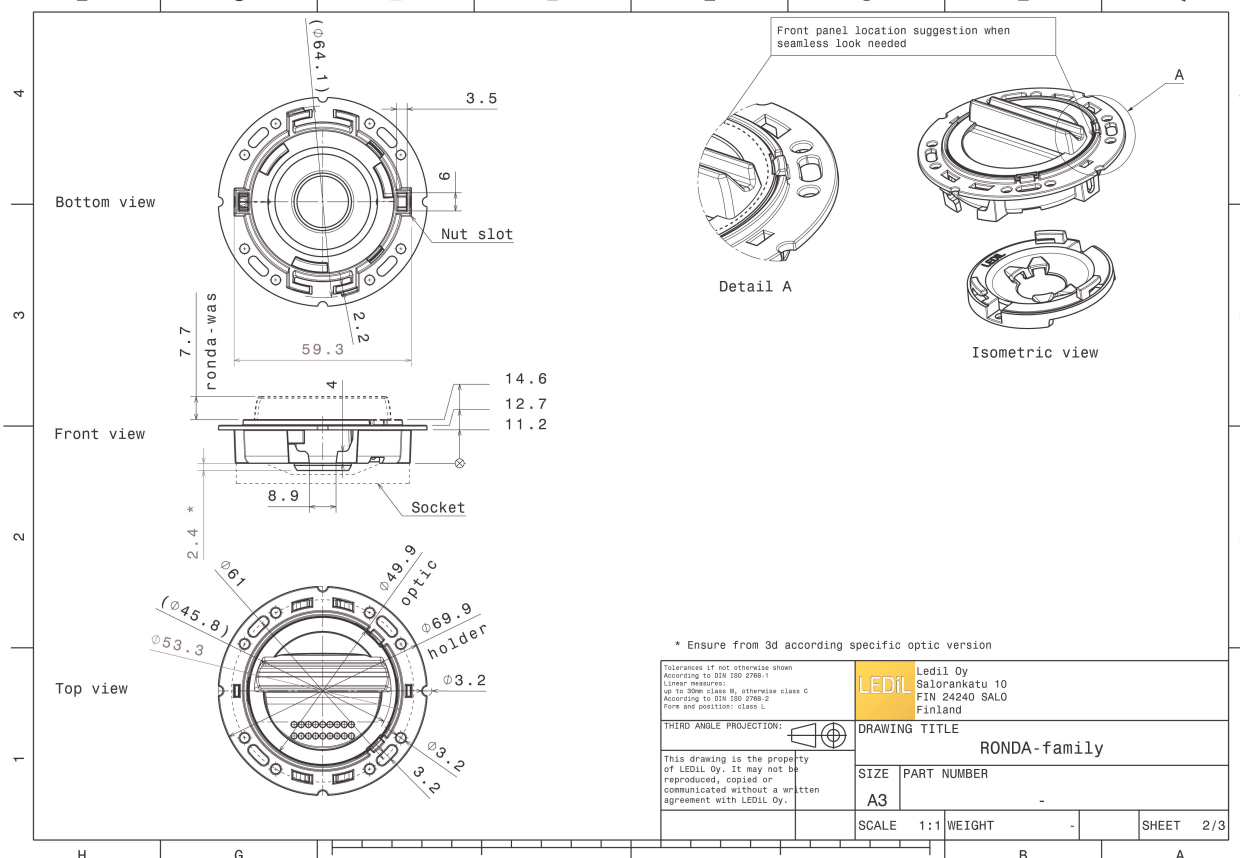
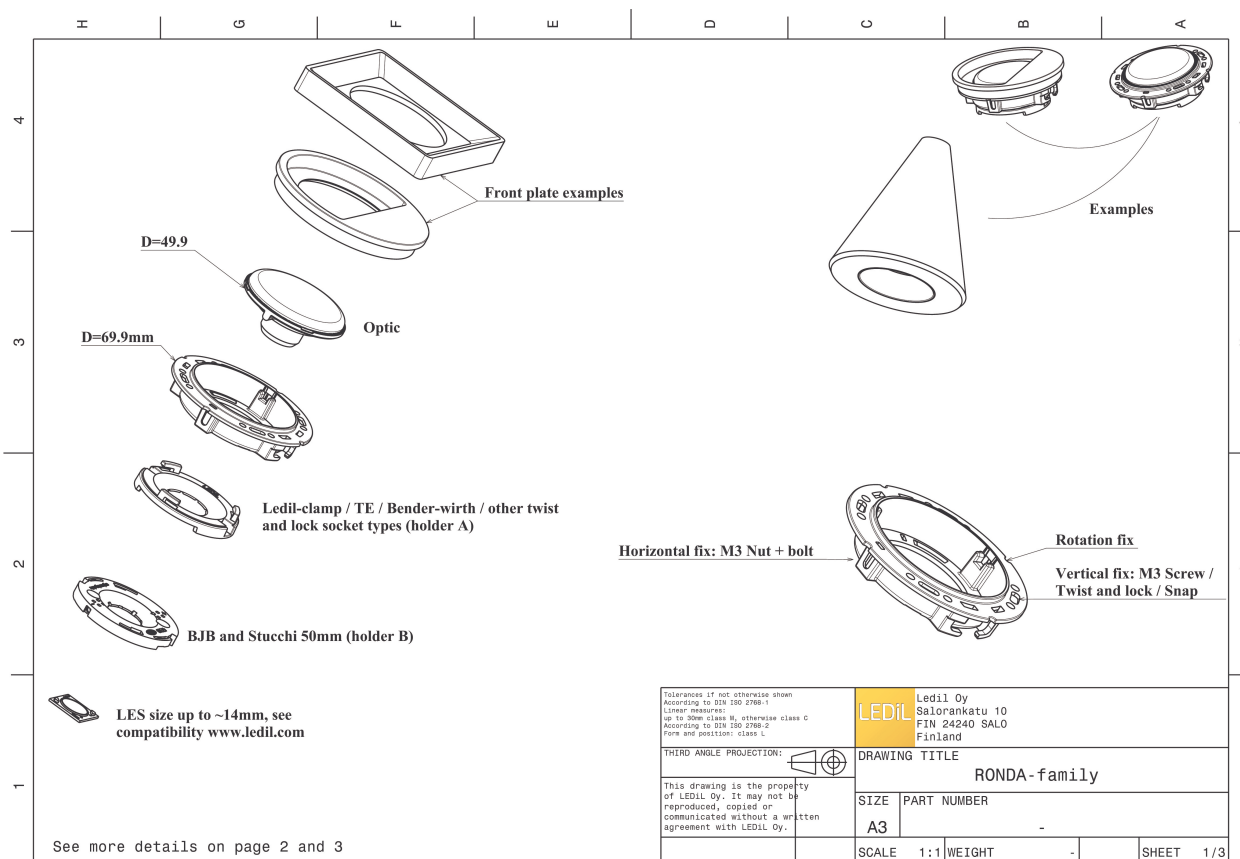
Component	Type	Material	Colour	Finish
F15990_RONDA-O	Single lens	PMMA	clear	
F15155_RONDA-HLD-A	Holder	PC	white	

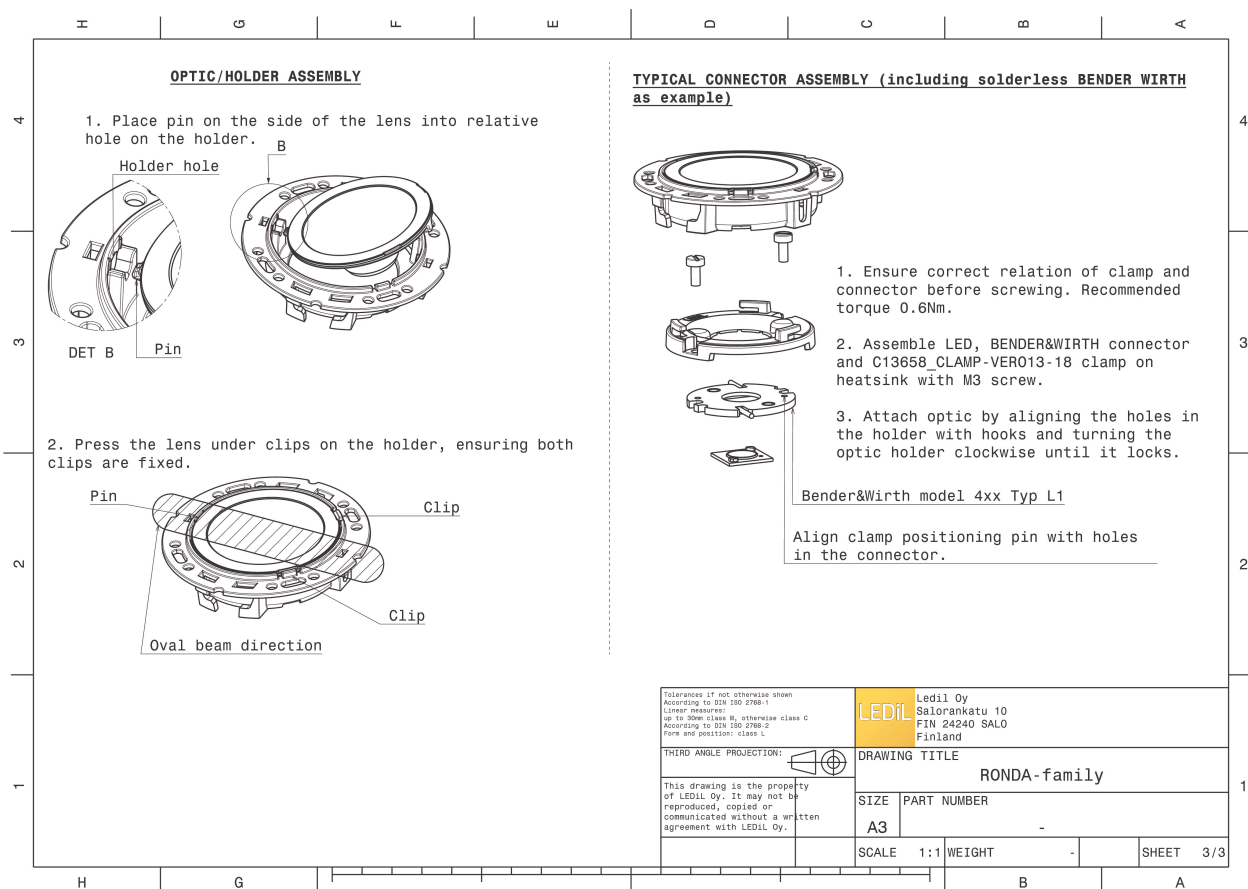
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

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



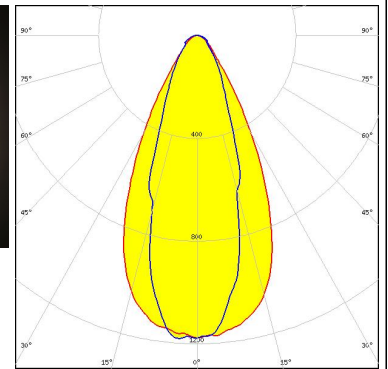
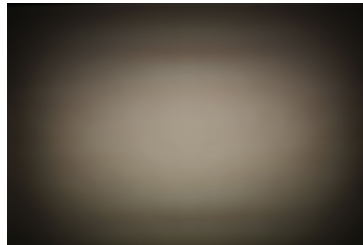


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

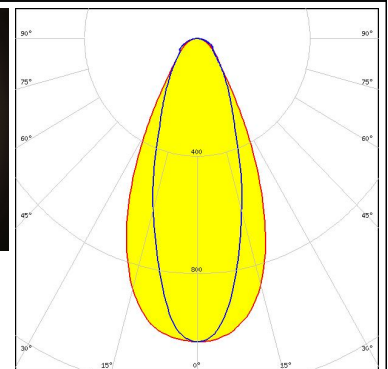
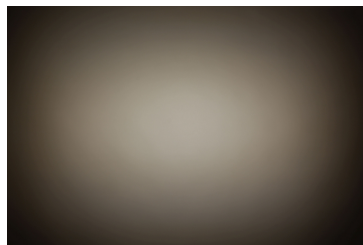


LED Vero SE 13
FWHM / FWTM 53.0 + 36.0° / 84.0 + 79.0°
Efficiency 88 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16402_CLAMP-VEROSE-13-18

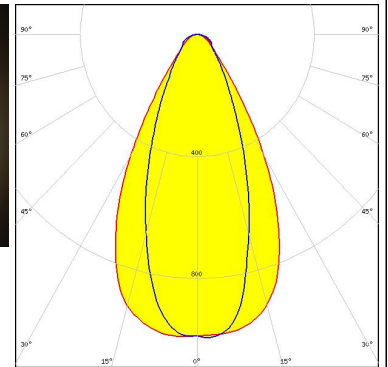
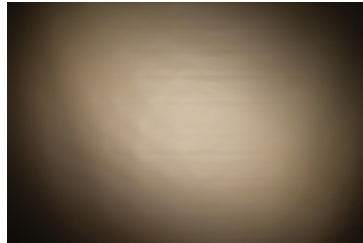


CITIZEN

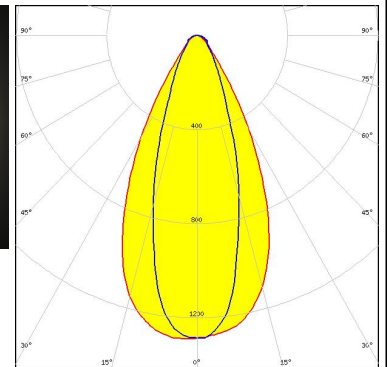
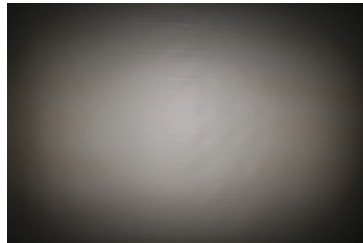
LED CLL03x/CLU03x
FWHM / FWTM 51.0 + 35.0° / 92.0 + 91.0°
Efficiency 85 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16791_CLAMP-Z45-A
TE Connectivity: 2325807-3



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 White
Required components:
C14123_CLAMP-CXA15-18



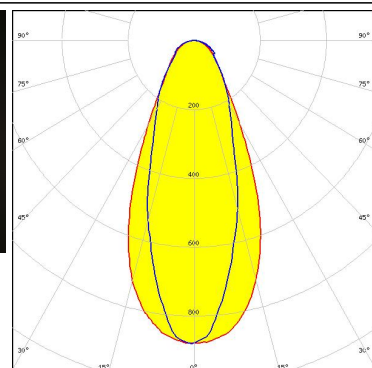
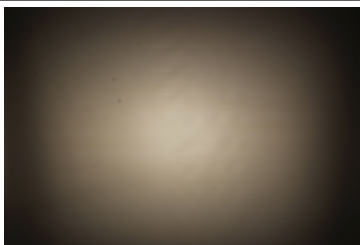
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM 53.0 + 34.0° / 83.0 + 72.0°
Efficiency 91 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

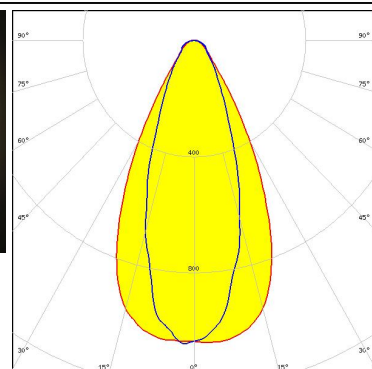
OSRAM

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 White
Required components:
C16685_CLAMP-PRV-A



PHILIPS

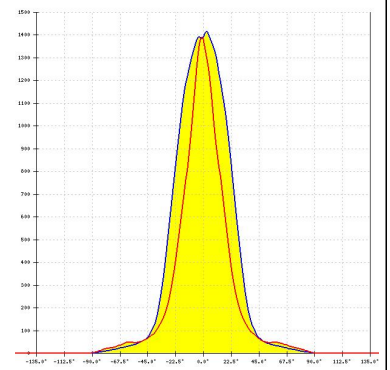
LED Fortimo SLM L13 CoB
FWHM / FWTM 54.0 + 37.0° / 85.0 + 81.0°
Efficiency 83 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



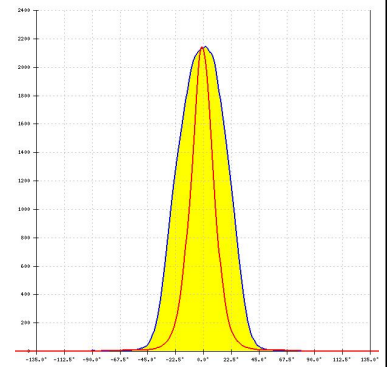
PHOTOMETRIC DATA (SIMULATED):



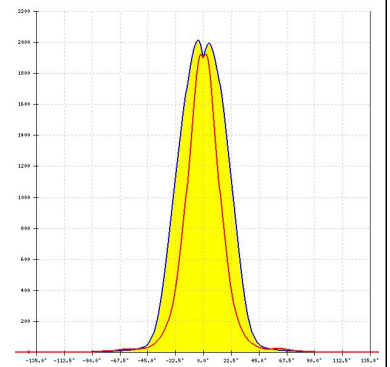
LED VERO13
FWHM / FWTM 49.0 + 30.0° / 78.0 + 49.0°
Efficiency 86 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



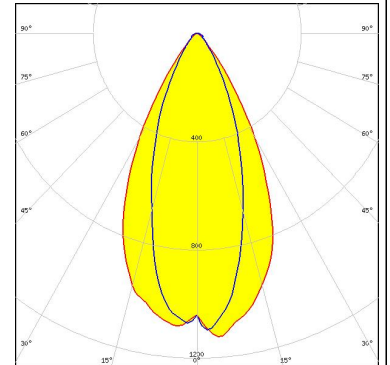
LED CXA/B 15xx
FWHM / FWTM 49.0 + 21.0° / 74.0 + 43.0°
Efficiency 0 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



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 White
Required components:
C14123_CLAMP-CXA15-18



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 White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 457 Typ L1



PHOTOMETRIC DATA (SIMULATED):



LED	COB L-Type (LES 9)
FWHM / FWTM	83.0°
Efficiency	86 %
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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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