

PRODUCT DATASHEET RONDA-W

RONDA-W

~45° wide beam with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	14 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component F15443_RONDA-W F15155_RONDA-HLD-A

Туре
Single lens
Holder

Material	Colour	Finish
PMMA	clear	
PC	white	

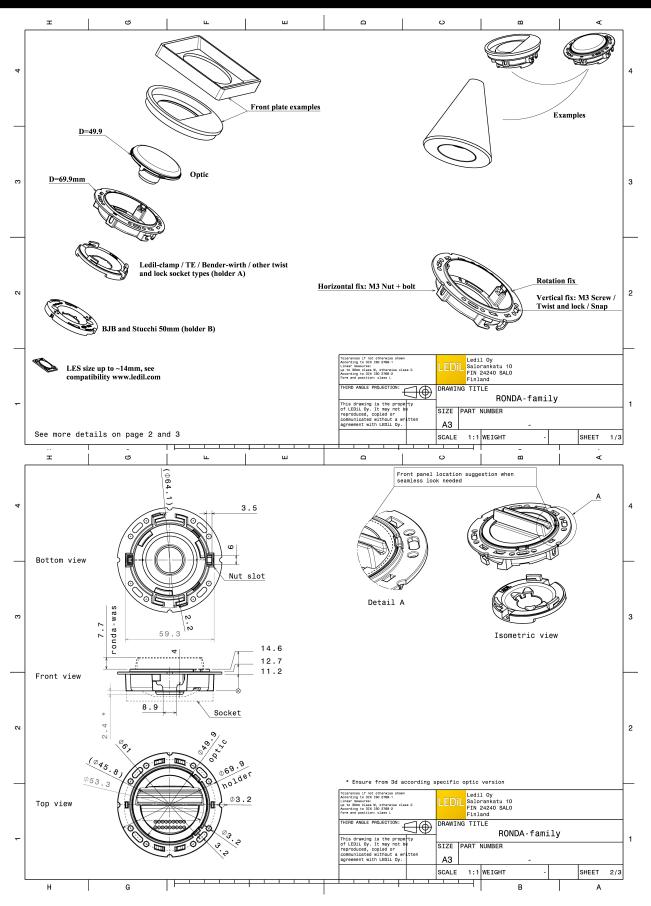
ORDERING INFORMATION:

Quantities for one set:Single lens1Holder1



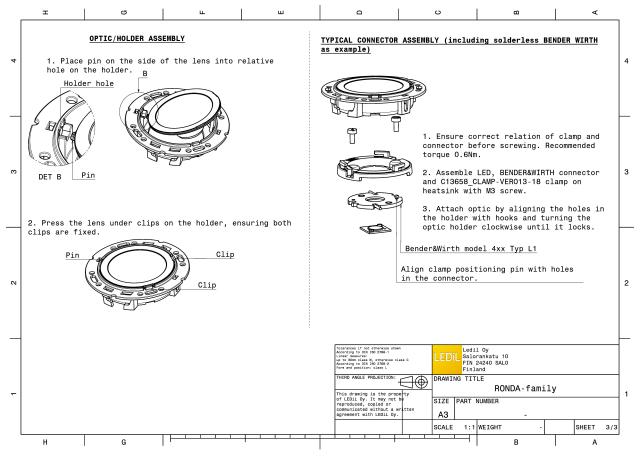
Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15443_RONDA-W » Box size: 480 x 280 x 300 mm	Single lens	420	120	30	5.5
F15155_RONDA-HLD-A » Box size: 480 x 280 x 300 mm	Holder	420	120	30	4.4

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



PHOTOMETRIC DATA (MEASURED):

bridgelux. LED	V13 Gen7	<u>35</u> <u>36</u> <u>56</u>
FWHM / FWTM	54.0° / 95.0°	200
Efficiency	84 %	60°
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required compone		
TE Connectivity:	2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1	
		960 927 q ⁴ 137 94
bridgelux.		90 ³ 90 ³
LED	Vero SE 13	
FWHM / FWTM	56.0° / 88.0°	200
Efficiency	89 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	47° 43°
Required compone	nts:	
	P-VEROSE-13-18	
		30° 25° 30°
bridgelux.		90° 90°
LED	VERO13	75* 75*
FWHM / FWTM	55.0° / 87.0°	
Efficiency	90 %	60°
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	er en en
Required compone		
C13658_CLAMF	P-VERO13-18	
		30° 1000 30° 30°
CITIZE	N	90° 90°
LED	CLL03x/CLU03x	
		75*
FWHM / FWTM	55.0° / 104.0° 87 %	200
Efficiency Roak intensity		60* 60°
Peak intensity LEDs/each optic	0.8 cd/lm	
LEDS/each optic	1 White	45° 45°
Required compone		
C16791_CLAMF		
TE Connectivity:	2323001-3	000
		36° 36° 36°



PHOTOMETRIC DATA (MEASURED):

	D	52
LED	 CMA1840	
FWHM / FWTM	62.0° / 103.0°	28
Efficiency	90 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	gr a
Required compone		
C14123_CLAM		
		30 30
	2	200 40 200
CREE 🗢 LEI		2)*
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850	75
FWHM / FWTM	62.0° / 97.0°	
Efficiency	88 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
TE Connectivity	r: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1	
		30 ⁴ 2000 3 20 ⁴ 0 ⁴ 25 ⁴
	D	100 -
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850	· · · · · · · · · · · · · · · · · · ·
LED FWHM / FWTM	CXA/B 1816 & CXA/B 1820 & CXA 1850 56.0° / 86.0°	80 -
		89
FWHM / FWTM Efficiency	56.0° / 86.0°	
FWHM / FWTM	56.0° / 86.0° 91 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	56.0° / 86.0° 91 % 1 cd/lm	20
FWHM / FWTM Efficiency Peak intensity	56.0° / 86.0° 91 % 1 cd/lm 1 White	20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	56.0° / 86.0° 91 % 1 cd/lm 1 White ents:	20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	56.0° / 86.0° 91 % 1 cd/lm 1 White ents:	20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	56.0° / 86.0° 91 % 1 cd/lm 1 White ents:	20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAMI	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0°	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM C14123_CLAM	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM C14123_CLAM COSRAN LED FWHM / FWTM Efficiency Peak intensity	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 % 0.7 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAMI OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 % 0.7 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 % 0.7 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 % 0.7 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 % 0.7 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAM OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 % 0.7 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAMI OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	56.0° / 86.0° 91 % 1 cd/lm 1 White ents: P-CXA15-18 PrevaLED Core G7 L15 H1 57.0° / 116.0° 85 % 0.7 cd/lm 1 White ents:	



PHOTOMETRIC DATA (MEASURED):

PHILIE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo SLM L13 CoB 56.0° / 91.0° 84 % 0.8 cd/lm 1	
Light colour Required compone TE Connectivity	White ents: : 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1	2,* TT OF TT OF
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity	Fortimo SLM L15 + SLM holder 57.0° / 114.0° 83 % 0.7 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		50*
LED	V10 Gen6	
FWHM / FWTM	44.0° / 66.0°	23.
Efficiency	%	400
Peak intensity	1.6 cd/lm	60°
LEDs/each optic	1	200
Light colour	White	93*
Required components:		
C13658_CLAMP-VE	RO13-18	
Bender Wirth: 455 Ty		
		30* 30*
		(<u>159</u> 0 ⁰ <u>15</u> 0
bridgelux.		90° 90°
LED	V13 Gen7	73.
FWHM / FWTM	46.0° / 102.0°	
Efficiency	83 %	60°
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	White	65° 600 6°
Required components:		
IDEAL: 50-2103CT +	50-2100AN	200
		30° 32°
1		15° 1000 15°
CITIZEN		80.0 00.0 00.0 00.0 00.0 00.0 00.0 00.0
CITIZEN	01100-701100715040	20 ⁴ 20 ⁴ 20 ⁴ 20 ⁴
LED	CLL02x/CLU02x (LES10)	50° 50° 31° 32°
LED FWHM / FWTM	42.0° / 65.0 + 66.0°	90 ³ 73 ³ 600 73 ³ 600
LED FWHM / FWTM Efficiency	42.0° / 65.0 + 66.0° %	60 ¹ 60 ² 90 ² 90 ²
LED FWHM / FWTM Efficiency Peak intensity	42.0° / 65.0 + 66.0° % 1.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1	60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	42.0° / 65.0 + 66.0° % 1.6 cd/lm	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White	60 67 72 80 80 92 92 92 90 92
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VE	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18	60 67 72 80 80 92 92 92 90 92
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18	60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VE	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18	60 67 72 80 80 92 92 92 90 92
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VEI Bender Wirth: 434 Ty	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18	30, 20, 150 150 150 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VEI Bender Wirth: 434 Ty	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 rp L1	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VEI Bender Wirth: 434 Ty	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 rp L1	30, 20, 173 173 173 173 173 173 173 173
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VE Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 rp L1	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VE Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM Efficiency	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 p L1 CLU710/711 44.0° / 65.0° %	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VE Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 rp L1 CLU710/711 44.0° / 65.0°	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VE Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 p L1 CLU710/711 44.0° / 65.0° % 1.6 cd/lm 1	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VEI Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 p L1 CLU710/711 44.0° / 65.0° % 1.6 cd/lm	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VEI Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 p L1 CLU710/711 44.0° / 65.0° % 1.6 cd/lm 1 White	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VEI Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VE	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 p L1 CLU710/711 44.0° / 65.0° % 1.6 cd/lm 1 White RO13-18	30, 30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C13658_CLAMP-VEI Bender Wirth: 434 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	42.0° / 65.0 + 66.0° % 1.6 cd/lm 1 White RO13-18 p L1 CLU710/711 44.0° / 65.0° % 1.6 cd/lm 1 White RO13-18	30, 30,



PHOTOMETRIC DATA (SIMULATED):

		50* 50*
LED	CXA/B 15xx	
FWHM / FWTM	42.0° / 62.0°	75
Efficiency	%	
Peak intensity	1.8 cd/lm	60 ⁴
LEDs/each optic	1	
Light colour	White	gr (1)
Required component		1200
C13658_CLAMP-\		
Bender Wirth: 441		1620
		3 ¹⁰ 25 0 ⁴ 35
		99*
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850	
FWHM / FWTM	48.0° / 68.0°	75
Efficiency	%	
Peak intensity	1.3 cd/lm	60 ^{ce}
LEDs/each optic	1	
Light colour	White	47 ⁺ 940
Required component	c	
C13658_CLAMP-\		
Bender Wirth: 437	Typ L1	1220
		199 0 159
	DS	50*
LED	LUXEON CoB 1202/1203	
FWHM / FWTM	43.0° / 66.0 + 64.0°	75
Efficiency	%	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	47: 60 ⁻
Required component	:	
TE Connectivity: 2	213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1	1220
		34 ⁴ 25 ⁵ 16 ⁵ 0 30
MICHIΛ		50*
LED	COB L-Type (LES 9)	
FWHM / FWTM	42.0° / 60.0°	
Efficiency	24	
	%	60° A / A 60°
Peak intensity	% 1.7 cd/lm	
Peak intensity	1.7 cd/lm	a. 900
Peak intensity LEDs/each optic	1.7 cd/lm 1 White	9 ⁵ 220
Peak intensity LEDs/each optic Light colour Required component	1.7 cd/lm 1 White	97 00 97 00 1230 0
Peak intensity LEDs/each optic Light colour Required component	1.7 cd/lm 1 White :	er 100 100 100 100 100 100 100 10
Peak intensity LEDs/each optic Light colour Required component	1.7 cd/lm 1 White :	



PHOTOMETRIC DATA (SIMULATED):

Ø ΝΙCΗΙΛ		50 ⁺
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component: TE Connectivity: 2	NSCxL036A 36.0° / 54.0° % 2.4 cd/lm 1 White s: 213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1	
SHA	Sb	9 ⁴
LED	Mini Zenigata (GW6BM)	77
FWHM / FWTM	40.0° / 64.0 + 62.0°	
Efficiency	%	80°
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	er 100
Required components:		
C13658_CLAMP-\	/ERO13-18	
Bender Wirth: 452	Typ L1	2001 34 ⁴ 557 6 ⁴ 557



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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