

## **RONDA-WW**

~60° wide beam with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL

#### **TECHNICAL SPECIFICATIONS:**

Dimensions Ø 69.9 mm

Height

14.6 mm

Fastening socket

yes 🛈

ROHS compliant

# 

Colour

clear

white

Finish

#### MATERIAL SPECIFICATIONS:

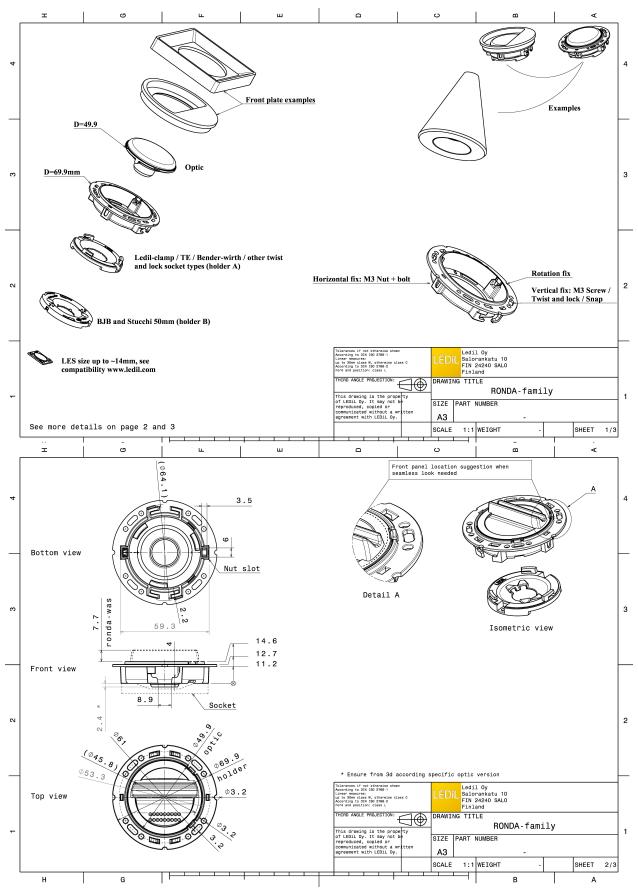
Component RONDA-WW RONDA-HLD-A

Туре	Material
Single lens	PMMA
Holder	PC

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN15387_RONDA-WW	Single lens	420	120	30	0.0
» Box size:					

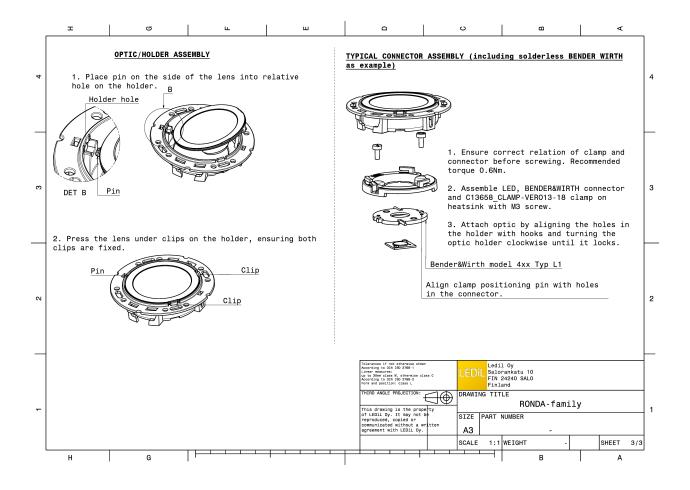
PRODUCT DATASHEET FN15387\_RONDA-WW



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# PHOTOMETRIC DATA (MEASURED):

bridgelux. LED FWHM Efficiency LEDs/each optic Light colour Required compor C13658_CLAW Bender Wirth: 4	P-VERO13-18	
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213254-2	White	
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16402_CLAW	White	
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13658_CLAW	White ents:	

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## PHOTOMETRIC DATA (MEASURED):

CITIZE	N	90*
LED	CLL03x/CLU03x	
FWHM	59.0°	75
Efficiency	81 %	200
Peak intensity	0.7 cd/lm	60 <sup>6</sup>
LEDs/each optic		
Light colour	White	65° 410 65°
Required compor		
	3CT + 50-2100AN	
102/12:00 210		
		30° 335°
CITIZE	N	
		50* 50*
LED	CLL03x/CLU03x	731 751
FWHM	63.0°	
Efficiency	87 %	60*
Peak intensity	0.7 cd/lm	
LEDs/each optic		
Light colour	White	
Required compor		
C16791_CLAM		
TE: 2325807-3		
		30* 30*
OTTIZE		157
CITIZE	N	90° 90°
LED	CLL04x/CLU04x	
FWHM	66.0°	
Efficiency	81 %	60° 60°
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	87*
Required compor	nents:	
IDEAL: 50-220	4-CT + 50-2100AN	440
		36*
		15 <sup>5</sup> 0 <sup>4</sup> 15 <sup>5</sup>
CITIZE	N	90* 90*
LED	CLU730/731	
FWHM	58.0°	75
Efficiency	83 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic		
Light colour	White	g- 400
Required compor		
	4-CT + 50-2100AN	
IDEAL. 30-220		
		36* 36* 36*

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## PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14123_CLAW	CMA1840 69.0° 89 % 0.7 cd/lm 1 White pents:	20, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14123_CLAW	CXA/B 1816 & CXA/B 1820 & CXA 1850 66.0° 93 % 0.8 cd/lm 1 White tents:	200 Det 200
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213401-2	CXA/B 1816 & CXA/B 1820 & CXA 1850 62.0° 88 % 0.8 cd/lm 1 White	
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor IDEAL: 50-210	COB J-Type 60.0° 81 % 0.6 cd/lm 1 White	B2         64         B2           60         60         61           61         60         62           62         60         62           63         50         65           56         50         50



## PHOTOMETRIC DATA (MEASURED):

<b>Μ</b> ΝΙCΗΙΛ		90° 90°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	COB L-Type (LES 11) 57.0° 88 % 1 cd/lm 1 White	200 200 200 200 200 200 200 200
<b>WNICHIA</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon IDEAL: 50-2100	COB L-Type (LES 11) 50.0° 85 % 1 cd/lm 1 White	50 00 00 51 00 52 00 53 54 55 55 55 55 55 55 55 55 55
OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C16685_CLAM	PrevaLED Core G7 L15 H1 65.0° 86 % 0.7 cd/lm 1 White ents:	20 20 0 0 0 0 0 0 0 0 0 0 0 0 0
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon IDEAL: 50-2103	White	30, 32, 6, 12, 34, 44, 45, 45, 45, 45, 45, 45, 45, 45, 4

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## PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TE: 2213254-2	White	94 97 77 64 00 60 70 70 70 70 70 70 70 70 70 70 70 70 70
	C	13 66 13
PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TE: OPTIC CLI	Fortimo SLM L13 + SLM holder 61.0° 82 % 0.7 cd/lm 1 White	91 92 92 93 94 94 94 94 94 94 94 94 94 94 94 94 94
PHILIP	C	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TE: 2213130-2	Fortimo SLM L13 CoB 66.0 + ° 85 % 0.7 cd/lm 1 White ents: + OPTIC CLIP Z50 TYPE1 2213194-1	94° 97 97 97 97 97 97 97 97 97 97
PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TE: OPTIC CLI	Fortimo SLM L15 + SLM holder 66.0° 83 % 0.6 cd/lm 1 White	54* 59* 75* 75* 64* 200 64* 64* 64* 64* 64* 840 66 840 64* 840 66* 840 66* 840 6* 840

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## PHOTOMETRIC DATA (MEASURED):

SAMSU	NG	30° 30
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LC040C 60.0° 86 % 0.8 cd/m	30
Required compon TE: 2213382-2	ents: + OPTIC CLIP Z50 TYPE1 2213194-1	20° 200 20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
SEOUL SEMICONDUCTOR		50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon Optosource: SE	White ents:	
SEOUL SEMICONDUCTOR		90* 90
LED FWHM Efficiency Peak intensity LEDs/each optic		
	+ OPTIC CLIP Z50 TYPE1 2213194-1	20- 10- 10- 10- 10- 10- 10- 10- 1
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TE: OPTIC CLI	WU-M-484       69.0°       83 %       0.6 cd/lm       1       White	90* 92 72* 200 00* 200 000 0000000000
		30 <sup>4</sup> 20 0 <sup>4</sup> 20 <sup>4</sup> X

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## PHOTOMETRIC DATA (SIMULATED):

bridgelux. LED FWHM Efficiency LEDs/each optic Light colour Required component C14123_CLAMP-0		94 95 95 96 97 90 90 90 90 90 90 90
		30° 339 0° 457 30°
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component IDEAL: 50-2103CT		30*         30*           60*         60*           60*         60*           60*         60*           60*         60*           60*         60*           60*         60*           60*         60*           60*         60*
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component C13658_CLAMP-V Bender Wirth: 477	/ERO13-18	22. 6. 6. 7. 6. 7. 70. 70. 70. 70. 70. 70. 70.
CITIZEN		
LED FWHM Efficiency LEDs/each optic Light colour Required component C13658_CLAMP-\ Bender Wirth: 434	/ERO13-18	



#### PHOTOMETRIC DATA (SIMULATED):

# CITIZEN

LED	CLU700/701/702		
FWHM	60.0°		
Efficiency	89 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
C13658_CLAMP-VERO13-18			
Bender Wirth: 434 Typ L1			

# CITIZEN

LED	CLU710/711	
FWHM	60.0°	
Efficiency	88 %	
LEDs/each optic	1	
Light colour	White	
Required components	5	
C13658_CLAMP-VERO13-18		
Bender Wirth: 470	Гур L1	

# CREE ≑

LED	CXA/B 13xx	
FWHM	62.0°	
Efficiency	89 %	
LEDs/each optic	1	
Light colour	White	
Required components	5	
C13658_CLAMP-VERO13-18		
Bender Wirth: 448	Гур L1	

# CREE ≑

 LED
 CXA/B 15xx

 FWHM
 62.0°

 Efficiency
 89 %

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 C13658\_CLAMP-VERO13-18

 Bender Wirth: 441 Typ L1
 1

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#### PHOTOMETRIC DATA (SIMULATED):

Bender Wirth: 437 Typ L1

#### CREE ≑ LED CXA/B 15xx FWHM 62.0° Efficiency 89 % LEDs/each optic 1 Light colour White Required components: C14123\_CLAMP-CXA15-18 CREE ÷ LED CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM 63.0° Efficiency 89 % LEDs/each optic 1 White Light colour Required components: C14123\_CLAMP-CXA15-18 CREE 🚖 LED CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM 57.0° Efficiency 85 % LEDs/each optic 1 Light colour White Required components: TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1 CREE 🚖 LED CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM 63.0° Efficiency 89 % LEDs/each optic 1 White Light colour Required components: C13658\_CLAMP-VERO13-18

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## PHOTOMETRIC DATA (SIMULATED):

CREE ≑				
LED	CXA/B 1830			
FWHM	62.0°			
Efficiency	87 %			
LEDs/each optic	1			
Light colour	White			
Required component	s:			
C14123_CLAMP-0				
	DS	94°		
LED	LUXEON CoB 1202/1203			
FWHM	56.0°	72 72		
Efficiency	56.0° 87 %			
		01 N.		
Peak intensity	1 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required componen				
TE: 2213382-2 + 0	OPTIC CLIP Z50 TYPE1 22131	-1		
		30.		
	15	50* 50*		
LED	LUXEON CoB 1202s	7:		
FWHM	60.0°	200		
Efficiency		69* 64*		
	89 % 1			
LEDs/each optic				
Light colour	White			
Required componen				
C13658_CLAMP-VERO13-18				
Bender Wirth: 452	Typ L1			
		200 207 01 200 207		
ØΝΙCΗΙΛ		90 <sup>4</sup> 90 <sup>4</sup>		
LED	COB L-Type (LES 9)			
FWHM	56.0°			
Efficiency	87 %			
Peak intensity	1 cd/lm			
LEDs/each optic	1			
Light colour	White	gr at		
Required components:				
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1				
E. ZZ   .3.30/-/ + V				
1E. 2213302-2 + 0				
TE. 2213362-2 + 0				

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#### PHOTOMETRIC DATA (SIMULATED):

#### **Μ**ΝΙCΗΙΛ

LED	NSCxL036A			
FWHM	56.0°			
Efficiency	88 %			
Peak intensity	1 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required components:				
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1				

#### OSRAM Opto Semiconductor

LED	Duris S10			
FWHM	66.0°			
Efficiency	89 %			
LEDs/each optic	1			
Light colour	White			
Required components:				
C13658_CLAMP-VERO13-18				

OSRAM Opto Semiconductors		<u>99</u> * 99*
LED FWHM Efficiency LEDs/each optic Light colour Required componen C14123_CLAMP		
SHAF	RP	90,0
LED	Mini Zenigata (GW6BM)	25 20
FWHM	62.0°	
Efficiency	88 %	
LEDs/each optic	1	
Light colour	White	er
Required components:		
C13658_CLAMP-VERO13-18		
Bender Wirth: 45	2 Typ L1	25

PRODUCT DATASHEET



#### **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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