

RONDA-REC-90-C

~80Ű rectangular beam with holder C compatible with LEDiL HEKLA

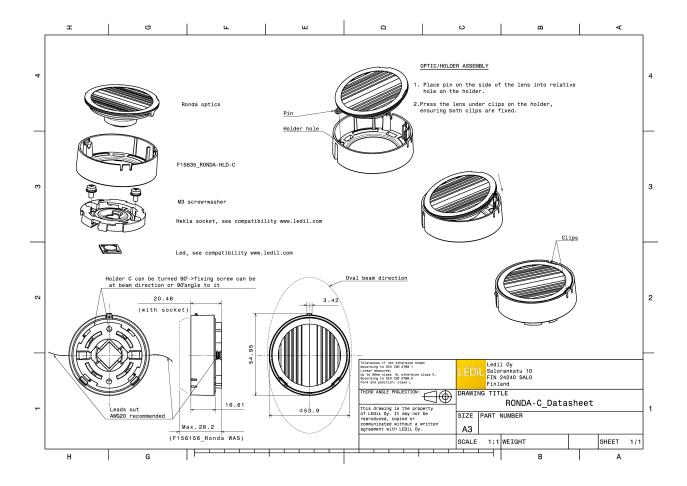
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 53.9 mm
Height	16.6 mm
Fastening	socket
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component RONDA-REC-90 RONDA-HLD-C **Type** Single lens Holder Material PMMA PC Colour clear clear





bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15253_HEKL	White ents:	20 60 60 60 60 60 60 60 60 60 6
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15253_HEKL	White ents:	201 10 ⁴ 0 ⁴ 10 ⁴ 0 ⁴
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	White ents:	200
bridgetuk. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	White ents:	20° 23° 60° 23° 60° 60° 60° 60° 60° 60° 60° 60° 60°

PRODUCT DATASHEET



bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15616_HEKL	White ents:	
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	White ents: A-SOCKET-K	90 ⁴ 77 60 ⁴ 60
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	White ents:	94 97 72 95 97 97 97 97 97 97 97 97 97 97 97 97 97
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	CLC020 Series (Dim-To-Warm) 80.0° 85 % 0.580 cd/lm 1 White ents:	

PRODUCT DATASHEET



PHOTOMETRIC DATA (MEASURED):

CITIZE	N	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15255_HEKL	CLL02x/CLU02x (LES10) 84.0° 89 % 0.550 cd/lm 1 White ents:	
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15255_HEKL	CLU700/701 83.0° 90 % 0.640 cd/lm 1 White ents:	
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C16142_HEKL Bender Wirth: 4	LCN-C01B (Tunable White) 81.0° 86 % 0.560 cd/lm 1 White ents: A-SOCKET-K	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15256_HEKL	CMA1516 86.0° 92 % 0.500 cd/lm 1 White ents:	

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CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15254_HEKL	CMA1825 86.0° 90 % 0.490 cd/lm 1 White tents:	21- 21- 22- 23- 23- 23- 23- 23- 23- 23
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	CMT14xx 86.0° 91 % 0.500 cd/lm 1 White nents:	91 [*] 92 [*] 92 [*] 93 [*] 94 [*] 95 [*]
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15956_HEKL	CXA/B 13xx 84.0° 91 % 0.600 cd/lm 1 White nents:	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15256_HEKL	CXA/B 15xx 85.0° 91 % 0.560 cd/lm 1 White eents:	

PRODUCT DATASHEET



PHOTOMETRIC DATA (MEASURED):

EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15848_HEKL	LUXEON CoB 1202s 84.0° 91 % 0.620 cd/lm 1 White ents:	20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -
EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	LUXEON CoB Dimtone 16x19 83.0° 87 % 0.500 cd/lm 1 White ents: A-SOCKET-K	500 500 500 500 500 500 500 500
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	CDM-14 (Dim-To-Warm) 83.0° 82 % 0.500 cd/lm 1 White ents: A-SOCKET-K	94 ³ 75 94 96 100 100 100 100 100 100 100 10
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	CDM-6 (Dim-To-Warm) 82.0° 86 % 0.620 cd/lm 1 White ents: A-SOCKET-K	20 20 20 20 20 20 20 20 20 20 20 20 20 2



PHOTOMETRIC DATA (MEASURED):

LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	CDM-9 (Dim-To-Warm) 83.0° 86 % 0.560 cd/lm 1 White ents: A-SOCKET-K	20° 40° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	CTM-14 (Tunable White) 82.0° 82 % 0.490 cd/lm 1 White ents: A-SOCKET-K	20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	CTM-9 (Tunable White) 83.0° 86 % 0.560 cd/lm 1 White ents: A-SOCKET-K	99° 13° 60° 50° 60° 100 100 100 100 100 100 100 1
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	CXM-14 81.0° 87 % 0.550 cd/lm 1 White ents:	90° 92° 77° 00° 0° 60° 0° 70° 0° 100 100 100 100 100 100

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PHOTOMETRIC DATA (MEASURED):

	NUS		90* 90*
LED	CXM-9		
FWHM	83.0°		75°
Efficiency	90 %		
Peak intensity	0.570 cd/lm		60* 60*
LEDs/each optic			
Light colour	White		
Required compor			
F15255_HEKL			
			20° (0° 15° 30°)
M NICHIΛ			90* 90*
LED	NJCWL024Z-V1MT: COB L-Type Tunable White	and the second se	
FWHM	84.0°		75.
Efficiency	83 %	A DECEMBER OF THE OWNER OF	
Peak intensity	0.600 cd/lm	A DECEMBER OF THE OWNER	
LEDs/each optic			
Light colour	White		45* 42*
Required compor	ents:		
C16142_HEKL			
Bender Wirth: 4			400
			30.
Ø NICHIA			
			90* 90*
LED	NVCWJ024Z-V1MT: COB J-Type Tunable White 84.0°		75%
FWHM	84 ()°		
Efficiency	87 %		50* 200 604
Peak intensity	87 % 0.550 cd/lm		6 ⁴ .
Peak intensity LEDs/each optic	87 % 0.550 cd/lm 1	0.070	6 ⁴ 69
Peak intensity LEDs/each optic Light colour	87 % 0.550 cd/lm 1 White		6 ¹ 0 ¹
Peak intensity LEDs/each optic Light colour Required compor	87 % 0.550 cd/lm 1 White ents:		60 ⁴ 60 ⁴
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K		60* 60*
Peak intensity LEDs/each optic Light colour Required compor	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K		6 ⁴ 6 ⁴
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K		60* 500 60* 40* 400 30* 20 60 30*
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8		
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8		60 ⁴ 000 00 ⁴
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB		20° - 200 - 20° 20° - 20° - 20° - 20° 20° - 20° - 20° - 20° 20° - 20° - 20° - 20° - 20° 20° - 20° - 20° - 20° - 20° - 20° 20° - 20°
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0°		
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM Efficiency	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0° 90 %		
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM Efficiency Peak intensity	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0° 90 % 0.540 cd/lm		60° 60° 60° 50° 60° 20° 10° 10° 20° 10° 10° 20° 10° 10° 20° 10° 10° 20° 10° 10° 20° 10° 10° 20° 10° 20° 10° 10° 20° 10°
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0° 90 % 0.540 cd/lm 1		60° 60° 60° 40° 60° 20° 10° 60° 20° 10° 10° 70° 20° 10° 20° 10° 70° 20° 10° 20° 10° 70° 20° 10° 20°
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0° 90 % 0.540 cd/lm 1 White		6x 6
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0° 90 % 0.540 cd/lm 1 White ents:		
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0° 90 % 0.540 cd/lm 1 White ents:		
Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	87 % 0.550 cd/lm 1 White ents: A-SOCKET-K 98 Typ L8 S Fortimo SLM L09 CoB 85.0° 90 % 0.540 cd/lm 1 White ents:		



PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	Fortimo SLM L13 CoB 78.0° 86 % 0.540 cd/lm 1 White hents: A-SOCKET-K 432 Typ L8	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	Fortimo SLM L13 CoB 78.0° 86 % 0.540 cd/lm 1 White hents: A-SOCKET-K	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	COB D Series LES 14.5 mm 81.0° 87 % 0.540 cd/lm 1 White thents:	30° 30° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 60° 50° 50° 50° 50° 50° 50° 50° 5
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	COB D Series LES 9.8 mm 84.0° 91 % 0.560 cd/lm 1 White tents:	

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FN15974_RONDA-REC-90-C

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SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15848_HEKL	LC010C 85.0° 90 % 0.600 cd/lm 1 White eents:	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	LC010C G2 82.0° 90 % 0.660 cd/lm 1 White eents:	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15848_HEKL	LC020C 85.0° 91 % 0.570 cd/lm 1 White eents:	
SECOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	White ents:	200 50° 200 60° 200

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seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	White nents:	92* 92* 92* 92* 92* 92* 92* 92*
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	White nents:	20° 20° 20° 20° 20° 20° 20° 40° 40° 40° 40° 40° 40° 40° 4
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	SLE G7 LES09 84.0° 90 % 0.570 cd/lm 1 White nents:	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	SLE G7 LES13 84.0° 87 % 0.500 cd/lm 1 White nents:	200

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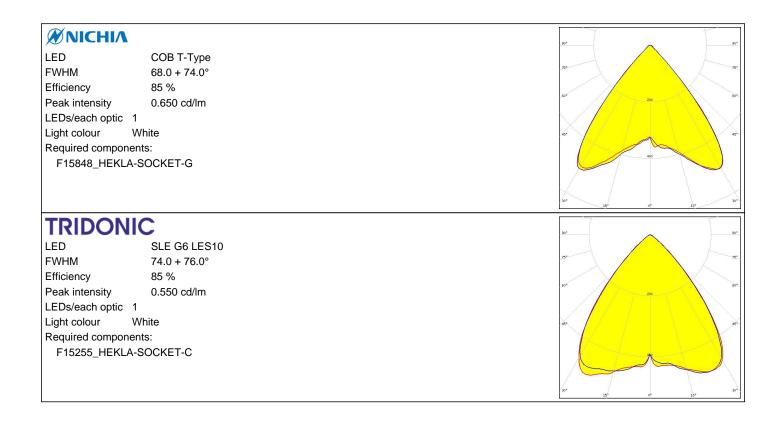


TRIDO	NIC	95° 95°
LED	SLE G7 LES15	
FWHM	81.0°	3. 2.
Efficiency	87 %	
Peak intensity	0.500 cd/lm	
LEDs/each optio	c 1	
Light colour	White	ar ar
Required compo	onents:	
	(LA-SOCKET-I	
		310
		537 0 ⁴ 13 ⁴
XICATO	0	55*
LED	XTM - 19mm LES	
FWHM	76.0°	7
Efficiency	87 %	
Peak intensity	0.580 cd/lm	
LEDs/each optio	c 1	
Light colour	White	er et
Required compo	onents:	
C16058_XTM	1-ADAPTER-50-C	
		30* 6/0 30*
		123 Q ¹ 23 ³

PRODUCT DATASHEET



PHOTOMETRIC DATA (SIMULATED):





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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LEDiL Oy

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