

RONDA-WWW-C

~90° wide beam with holder C compatible with LEDiL HEKLA

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 53.9 mm
Height	17 mm
Fastening	socket
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes 🛈

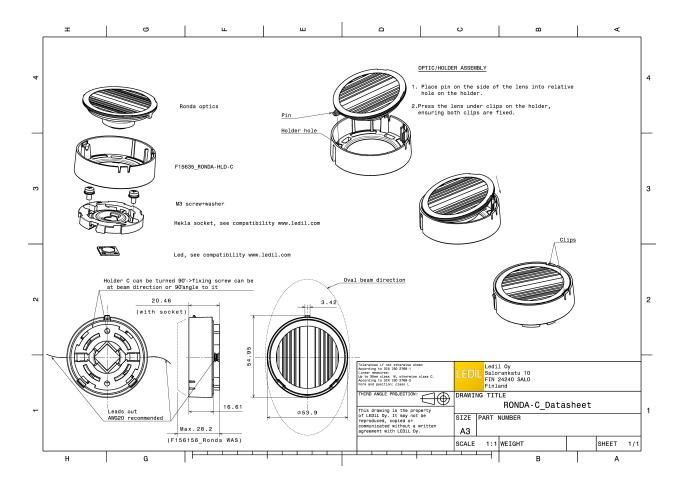


MATERIAL SPECIFICATIONS:

Component RONDA-WWW RONDA-HLD-C **Type** Single lens Holder **Material** PMMA PC

Colour







PHOTOMETRIC DATA (MEASURED):

bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15253_HEKL	White ents:	30 ⁴ 50
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	White ents:	59 ⁴ 59 ⁴ 59 60 ⁴ 50 60 ⁴ 50 60 ⁴ 60
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15616_HEKL	White ents:	99° 99° 99° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	White ents: A-SOCKET-K	30 ⁴ 50

PRODUCT DATASHEET

FN15966_RONDA-WWW-C



bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	White nents: A-SOCKET-K	
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	White nents: A-SOCKET-K	
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	White nents:	
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	CLC020 Series (Dim-To-Warm) 73.0° 86 % 0.590 cd/lm 1 White hents:	



PHOTOMETRIC DATA (MEASURED):

CITIZE	N	30 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	CLL02x/CLU02x (LES10) 81.0° 89 % 0.500 cd/lm 1 White ents:	79 79 79 79 79 79 79 79 79 79 79 79 79 7
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	CLU700/701 93.0° 89 % 0.520 cd/lm 1 White ents:	
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	LCN-C01B (Tunable White) 74.0° 86 % 0.570 cd/lm 1 White ents:	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15256_HEKL	CMA1516 83.0° 89 % 0.480 cd/lm 1 White ents:	

Last update: 11/05/2018Subject to change without prior noticePublished: 09/07/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.5/16



PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15254_HEKL	CMA1825 77.0° 87 % 0.530 cd/lm 1 White ents:	20 ⁴
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15255_HEKLA	CMT14xx 79.0° 88 % 0.500 cd/lm 1 White ents:	21 ⁴ 21
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15859_HEKL/	CMT19xx 80.0° 83 % 0.473 cd/lm 1 White ents:	20° - 20° - 2° 20° - 20° 20° - 20° 20° - 2° 20° - 2° 20° 20° - 2° 20° - 2° 20° - 2° 20° 20° - 2° 20° 20° - 2° 20° - 2° 2
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15956_HEKLA	CXA/B 13xx 94.0° 90 % 0.500 cd/lm 1 White ents:	

Last update: 11/05/2018Subject to change without prior noticePublished: 09/07/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.6/16



PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15256_HEKL	CXA/B 15xx 84.0° 90 % 0.500 cd/lm 1 White ents:	50° 500 50° 50° 50° 50° 50° 50° 50° 50°
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15256_HEKL	CXA/B 1816 & CXA/B 1820 & CXA 1850 76.0° 89 % 0.559 cd/lm 1 White ents:	
Control Contro	LUXEON CoB 1202HD 89.0° 89 % 0.500 cd/lm 1 White ents:	
WHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15848_HEKL	LUXEON CoB 1202s 94.0° 90 % 0.500 cd/lm 1 White ents:	

Last update: 11/05/2018Subject to change without prior noticePublished: 09/07/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.7/16



EUMILI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15858_HEKL	LUXEON CoB 1204HD 83.0° 90 % 0.500 cd/lm 1 White ents:	99" 99" 99" 99" 99" 99" 99" 99" 99" 99"
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15858_HEKL	LUXEON CoB 1205HD 75.0° 87 % 0.560 cd/lm 1 White ents:	200 8° 70 8° 6° 6° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	CDM-14 (Dim-To-Warm) 81.0° 80 % 0.500 cd/lm 1 White ents: A-SOCKET-K	200 200 200 200 200 200 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	CDM-6 (Dim-To-Warm) 90.0° 87 % 0.510 cd/lm 1 White ents: A-SOCKET-K	



60		
FWHM Efficiency Peak intensity LEDs/each optic	CDM-9 (Dim-To-Warm) 82.0° 86 % 0.500 cd/lm 1 White ents: A-SOCKET-K	80° 8 75° 7 60° 7 700 8 70° 8 70 70° 8 70 70 70° 8 70 70° 8 70 70° 8 70 70° 8 70 70° 8 70 70° 8 70 70° 8 70 70° 8 70 70° 70 70 70 70° 70 70 70 70 70 70 70 70 70 70 70 70 70 7
FWHM Efficiency Peak intensity LEDs/each optic	CTM-14 (Tunable White) 79.0° 81 % 0.470 cd/lm 1 White ents: A-SOCKET-K	200 200 00 00 00 00 00 00 00 00
FWHM Efficiency Peak intensity LEDs/each optic	CTM-9 (Tunable White) 79.0° 86 % 0.500 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic	CxM-9 (13.5x13.5) 80.0° 89 % 0.520 cd/lm 1 White ents:	



PHOTOMETRIC DATA (MEASURED):

ETAIL CONTRACT OF CONTRACT. OF CONTRACT OF CONTRACT OF CONTRACT. OF CONTRACT OF CONTRACTO OF CONTRACTO OF CONTRACT. OF CONTRACT OF CONTRACT. OF CONTRACTO OF CONTRACTO OF CONTRACTO OF CONTRACT. OF CONTRACT OF CONTRACTO OF CONTRACT. OF CONTRACTO OF	NJCWL024Z-V1MT: COB L-Type Tunable White 85.0° 83 % 0.500 cd/lm 1 White events: A-SOCKET-K	5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5
NICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	NVCWJ024Z-V1MT: COB J-Type Tunable White 76.0° 86 % 0.552 cd/lm 1 White the tents: A-SOCKET-K	57 66 57 57 50 57 60 60 57 50 50 60 60 50 70 70 70 70 70 70 70 70 70 70 70 70 70
PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15858_HEKL	Fortimo SLM L09 CoB 81.0° 88 % 0.500 cd/lm 1 White nents:	20+ 15 0 15 0 0 15 0 15 0 15 15 15 15 15 15 15 15 15 15
PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	Fortimo SLM L13 CoB 77.0° 82 % 0.500 cd/lm 1 White hents: A-SOCKET-K	200 200 200 200 200 200 200 200

Last update: 11/05/2018Subject to change without prior noticePublished: 09/07/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.10/16



PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	Fortimo SLM L13 CoB 77.0° 82 % 0.490 cd/lm 1 White ents: A-SOCKET-K	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	COB D Series LES 14.5 mm 80.0° 82 % 0.470 cd/lm 1 White ents:	30° 50° 50° 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 81.0° 90 % 0.510 cd/lm 1 White ents:	30 30 40 50 40 50 50 50 50 50 50 50 50 50 5
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15848_HEKL	LC010C 94.0° 89 % 0.480 cd/lm 1 White ents:	



PHOTOMETRIC DATA (MEASURED):

SAMSU	NG		
	LC010C G2		
FWHM	94.0°	the second se	73*
Efficiency	89 %	the second se	50* 50
Peak intensity	0.520 cd/lm	and the second	
LEDs/each optic			
Light colour	White		45° 61
Required compon			400
F15255_HEKL	4-50CKET-C		
			\times / \times
			30° 15° 30°
SAMSU	NG		90*
LED	LC020C		
FWHM	87.0°		70"
Efficiency	90 %		60° 60°
Peak intensity	0.480 cd/lm		200
LEDs/each optic			
Light colour	White		e,
Required compon			
F15848_HEKL/	A-SOCKET-G		
			30° 30° 30°
SAMSU	NG		90*
LED	LC020C G2		
FWHM	82.0°		73°
Efficiency	88 %		
Peak intensity	0.495 cd/lm		200
LEDs/each optic	1		
Light colour	White		a.
LEDs/each optic Light colour Required compon	White ents:		a a
Light colour	White ents:		
Light colour Required compon	White ents:		
Light colour Required compon	White ents:		400 30 ² 20 ³ 20 ³
Light colour Required compon	White ents:		
Light colour Required compon F15859_HEKL/ SEOUL SEMICONDUCTOR	White ents: A-SOCKET-I		
Light colour Required compon F15859_HEKLA seoul semiconductor LED	White ents: A-SOCKET-I MJT COB LES 6		
Light colour Required compon F15859_HEKL/ seoul_senconductor LED FWHM	White ents: A-SOCKET-I MJT COB LES 6 91.0°		
Light colour Required compon F15859_HEKL/ seoul senconductor LED FWHM Efficiency	White ents: A-SOCKET-I MJT COB LES 6 91.0° 86 %		
Light colour Required compon F15859_HEKL/ scour_senconductor LED FWHM Efficiency Peak intensity	White ents: A-SOCKET-I MJT COB LES 6 91.0° 86 % 0.510 cd/lm		
Light colour Required compon F15859_HEKL/	White ents: A-SOCKET-I MJT COB LES 6 91.0° 86 % 0.510 cd/lm 1		
Light colour Required compon F15859_HEKL/	White ents: A-SOCKET-I MJT COB LES 6 91.0° 86 % 0.510 cd/lm 1 White		
Light colour Required compon F15859_HEKL/ STOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White ents: A-SOCKET-I MJT COB LES 6 91.0° 86 % 0.510 cd/lm 1 White ents:		
Light colour Required compon F15859_HEKL/	White ents: A-SOCKET-I MJT COB LES 6 91.0° 86 % 0.510 cd/lm 1 White ents:		
Light colour Required compon F15859_HEKL/ STOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White ents: A-SOCKET-I MJT COB LES 6 91.0° 86 % 0.510 cd/lm 1 White ents:		

Last update: 11/05/2018Subject to change without prior noticePublished: 09/07/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.12/16



PHOTOMETRIC DATA (MEASURED):

seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	White nents:	99 ³ 79 ³ 79 ³ 70 ⁴ 70 ⁴ 7
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	SLE G7 LES09 83.0° 89 % 0.510 cd/lm 1 White white 0.510	
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	SLE G7 LES13 78.0° 85 % 0.500 cd/lm 1 White nents:	200 200 200 200 200 200 200 200
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	SLE G7 LES15 81.0° 83 % 0.500 cd/lm 1 White nents:	25° 200 00° 25° 200 00° 25° 200 00° 440 00° 440 00°

PRODUCT DATASHEET

FN15966_RONDA-WWW-C

Last update: 11/05/2018Subject to change without prior noticePublished: 09/07/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.13/16



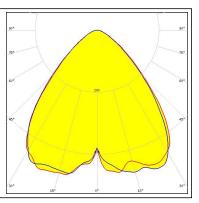
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compo F15859_HEKI	XOB 14.5 mm 78.0° 83 % 0.486 cd/lm 1 White nents:		50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compo F15255_HEKI	XOB 9.8 mm 81.0° 89 % 0.499 cd/lm 1 White		99° 99° 99° 99° 99° 99° 99° 99° 99° 99°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compo C16058_XTM	XTM - 19mm LES 81.0° 83 % 0.440 cd/lm 1 White		50 ⁴ 77 77 77 77 77 77 77 77 77 7



PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED SLE G6 LES10 FWHM 85.0° Efficiency 93 % Peak intensity 0.487 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C





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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

where_to_buy