

RONDA-WAS-C

Asymmetric beam for wall washing with holder C compatible with LEDiL HEKLA

TECHNICAL SPECIFICATIONS:

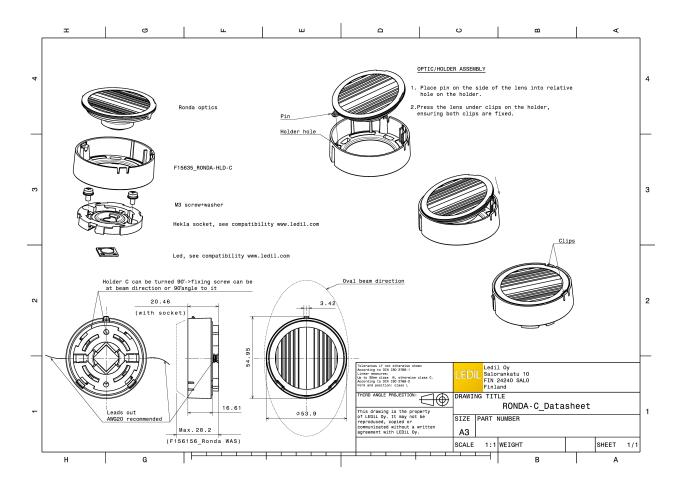
Dimensions	Ø 53.9 mm
Height	24.7 mm
Fastening	socket
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

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







PHOTOMETRIC DATA (MEASURED):

bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15253_HEKL	White ents:	
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15253_HEKL	White ents:	
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15255_HEKL	White ents:	
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15859_HEKL	White ents:	

Last update: 11/05/2018Subject to change without prior noticePublished: 10/07/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.3/18

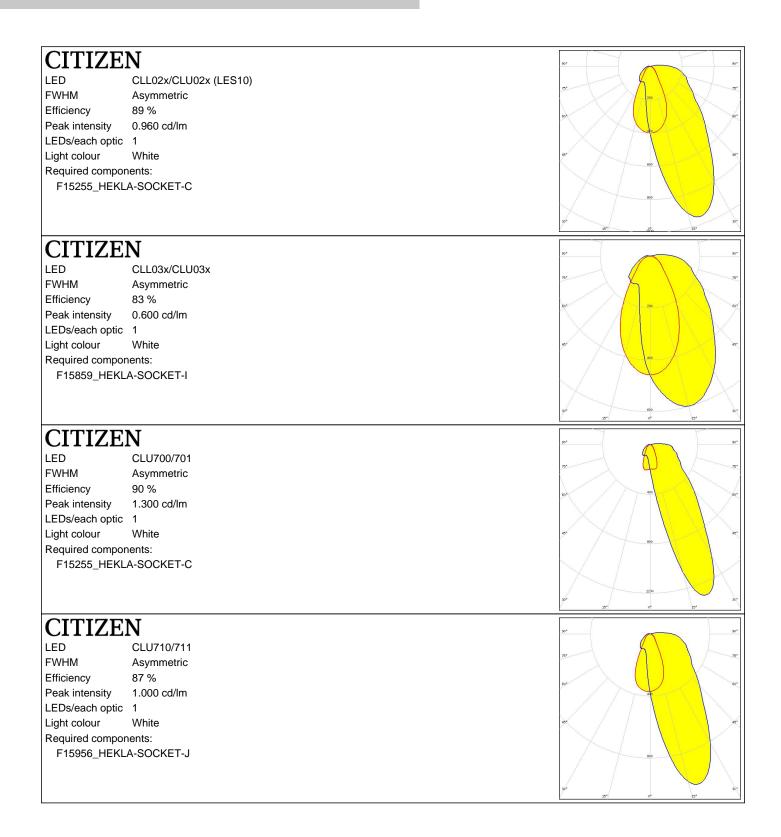


PHOTOMETRIC DATA (MEASURED):

bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15616_HEKL	White ents:	24. 26. 61. 62. 63. 64. 65. 66. 66. 66. 67. 66. 67. 66. 67. 66. 67. 67
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C16142_HEKL Bender Wirth: 4	White ents: A-SOCKET-K	94* 77* 64* 200 200 64* 200 64* 64* 64* 64* 64* 64* 64* 64*
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C16142_HEKL	White ents:	30° 90° 90° 90° 90° 90° 90° 90° 90° 90° 9
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C16142_HEKL	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 1.100 cd/lm 1 White ents:	20° 0° 10° 0°

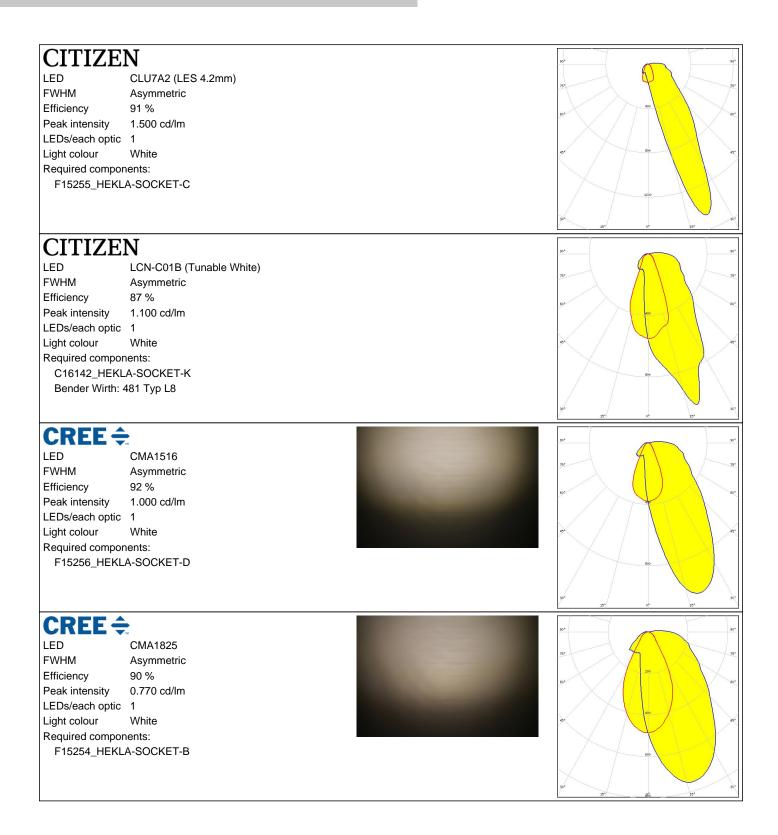
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PHOTOMETRIC DATA (MEASURED):



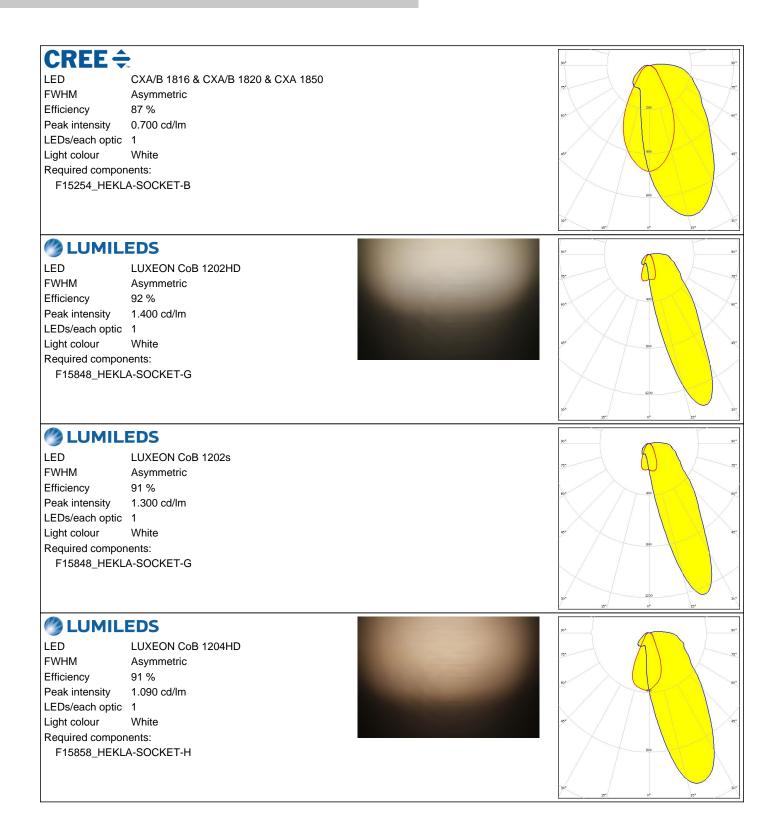
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CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15255_HEKLA	CMT14xx Asymmetric 91 % 1.000 cd/lm 1 White ents:	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15859_HEKL/	CMT19xx Asymmetric 85 % 0.618 cd/lm 1 White ents:	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15956_HEKLA	CXA/B 13xx Asymmetric 91 % 1.270 cd/lm 1 White ents:	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F15256_HEKL/	CXA/B 15xx Asymmetric 91 % 1.000 cd/lm 1 White ents:	22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



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	EDS	90° 90°
LED	LUXEON CoB 1205HD	
FWHM	Asymmetric	73°
Efficiency	90 %	
Peak intensity	0.870 cd/lm	
LEDs/each optic	1	400
Light colour	White	43°
Required compor	ents:	000
F15858_HEKL	A-SOCKET-H	
		30* 30*
	NUS	90* 90* 90*
LED	CDM-14 (Dim-To-Warm)	90*
FWHM	Asymmetric	73*
Efficiency	80 %	
Peak intensity	0.600 cd/lm	601 601 601
LEDs/each optic		
Light colour	White	45"
Required compor		40
C16142_HEKL		
Bender Wirth: 4		
		640
		12° 0° 12° 30'
ELUMI	NUS	90* 90*
LED	CDM-6 (Dim-To-Warm)	
FWHM	Asymmetric	
Efficiency	82 %	607 607
Peak intensity	1.200 cd/lm	\mathcal{K}
LEDs/each optic		
Light colour	White	er X
Required compor		840
C16142_HEKL		
Bender Wirth: 4	190 Typ L8	
		90° <u>15° 1580</u> 15° 36°
	NUS	90° 90°
LED	CDM-9 (Dim-To-Warm)	
FWHM	Asymmetric	75*
Efficiency	85 %	
Peak intensity	0.940 cd/lm	
LEDs/each optic		
Light colour	White	a
Required compor		
C16142_HEKL		
Bender Wirth: 4	190 Тур L8	80
		30* 34.
		15" 0" 15"



LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	CxM-14 (19x19) Asymmetric 82 % 0.580 cd/lm 1 White eents:	50° 50° 50° 50° 60° 60° 50° 60° 50° 60° 50° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	CXM-4 Asymmetric 90 % 1.418 cd/lm 1 White ients:	20° 0, 12° 0, 12° 0, 2°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	CxM-9 (13.5x13.5) Asymmetric 89 % 0.970 cd/lm 1 White eents:	90° 92° 66° 66° 66° 66° 60° 60° 60° 60° 60° 60
NICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	NJCWL024Z-V1MT: COB L-Type Tunable White Asymmetric 83 % 1.158 cd/lm 1 White lents: A-SOCKET-K	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°



PHOTOMETRIC DATA (MEASURED):

Ø ΝΙCΗΙΛ		90* 90*
LED	NVCWJ024Z-V1MT: COB J-Type Tunable White	
FWHM	Asymmetric	200
Efficiency	86 %	607 60*
Peak intensity	0.870 cd/lm	
LEDs/each optic		
Light colour	White	45° 45°
Required compor		00
C16142_HEKL Bender Wirth: 4		
	190 Typ E0	010
		30° 15° 0° 15°
PHILIP	S	50° 50°
LED	Fortimo SLM L09 CoB	4
FWHM	Asymmetric	
Efficiency	91 %	60*
Peak intensity	1.000 cd/lm	
LEDs/each optic		
Light colour	White	· →
Required compor		
F15858_HEKL	A-SOCKET-H	00
		30° 30° 30°
PHILIP	S	90 ⁴ 90 ⁵
LED		
	Fortimo SLM L13 CoB	
	Fortimo SLM L13 CoB Asymmetric	12 - T
FWHM	Fortimo SLM L13 CoB Asymmetric 84 %	77
FWHM Efficiency	Asymmetric	64
FWHM	Asymmetric 84 % 0.640 cd/lm	72 6/2 200 6/2 6/2
FWHM Efficiency Peak intensity	Asymmetric 84 % 0.640 cd/lm	57
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 84 % 0.640 cd/lm 1 White eents:	57
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	Asymmetric 84 % 0.640 cd/lm 1 White eents: A-SOCKET-K	5 ² - 400
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 84 % 0.640 cd/lm 1 White eents: A-SOCKET-K	22 64 50 60 60 60 60 60 60
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	Asymmetric 84 % 0.640 cd/lm 1 White eents: A-SOCKET-K	30, 12, 0, 13, 41, 60 61, 50 25, 50 20, 61, 61, 61, 61, 61, 61, 61, 61, 61, 61
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	Asymmetric 84 % 0.640 cd/lm 1 White ents: A-SOCKET-K I32 Typ L8	22 23 40 40 40 40 40 40 40 40 40 40
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	Asymmetric 84 % 0.640 cd/lm 1 White lents: A-SOCKET-K I32 Typ L8	8x 8x 8x 8x 9x 8x 9x 9x 9x <
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	Asymmetric 84 % 0.640 cd/lm 1 White ents: A-SOCKET-K I32 Typ L8	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K 132 Typ L8 NG COB D Series LES 14.5 mm	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 SAMSU LED FWHM Efficiency Peak intensity	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K 132 Typ L8 NCC COB D Series LES 14.5 mm Asymmetric 83 % 0.580 cd/lm	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K 132 Typ L8 NCC COB D Series LES 14.5 mm Asymmetric 83 % 0.580 cd/lm 1	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K 132 Typ L8 NCC COB D Series LES 14.5 mm Asymmetric 83 % 0.580 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K t32 Typ L8 NCCOB D Series LES 14.5 mm Asymmetric 83 % 0.580 cd/lm 1 White tents:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K t32 Typ L8 NCCOB D Series LES 14.5 mm Asymmetric 83 % 0.580 cd/lm 1 White tents:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K t32 Typ L8 NCCOB D Series LES 14.5 mm Asymmetric 83 % 0.580 cd/lm 1 White tents:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 84 % 0.640 cd/lm 1 White tents: A-SOCKET-K t32 Typ L8 NCCOB D Series LES 14.5 mm Asymmetric 83 % 0.580 cd/lm 1 White tents:	

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PHOTOMETRIC DATA (MEASURED):

SAMSU	ING			90°	90
LED	COB D Series LES 9.8 mm				
FWHM	Asymmetric			200	NK
Efficiency	90 %			60	6
Peak intensity	0.960 cd/lm				\bowtie
LEDs/each optic				\square	
Light colour	White			es	
Required compor	ients:				
				800	
				30* 15° 1080	3
SAMSU	ING		[90°	
LED	LC010C			$\langle \rangle$	
FWHM	Asymmetric				
Efficiency	90 %				
Peak intensity	1.100 cd/lm			400	$\Lambda \Lambda$
LEDs/each optic				\searrow / / \square	
Light colour	White			45°	
Required compor				800	
F15848_HEKL	A-SOCKET-G				
				36* 15° 0°	30
0.0.0.0			L		
SAMSI					T L
				909	
LED	LC010C G2			90 ⁴	
LED FWHM	LC010C G2 Asymmetric			27 77	
LED FWHM Efficiency	LC010C G2 Asymmetric 88 %			907 720 691	
LED FWHM Efficiency Peak intensity	LC010C G2 Asymmetric 88 % 1.500 cd/lm			907 72 601	
LED FWHM Efficiency Peak intensity LEDs/each optic	LC010C G2 Asymmetric 88 % 1.500 cd/lm			907 77 60 60 60 60 60	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White			6°. 6°. 6°.	
LED FWHM Efficiency Peak intensity LEDs/each optic	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White tents:			907 77 60 67 60 60	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White tents:			907 727 609 609 600 1200	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White nents:			907 77 607 90 90 90 90 90 90 90 90 90 90 90 90 90	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C			907 727 607 607 607 607 609 1200 609 1200 609	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C			90°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C			90° 70° 60° 90° 90° 90° 72° 90° 90° 90° 72° 90° 90° 90° 90° 90° 90° 90° 90	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C			90°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C			90° 77 60° 90° 90° 90° 90° 90° 90° 90° 90° 90° 9	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL SAMSU LED FWHM Efficiency Peak intensity	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White nents: A-SOCKET-C NCC LC020C Asymmetric 90 % 1.000 cd/lm				
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C NCC LC020C Asymmetric 90 % 1.000 cd/lm 1				
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C NCC LC020C Asymmetric 90 % 1.000 cd/lm 1 White				
F15255_HEKL SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C NCC LC020C Asymmetric 90 % 1.000 cd/lm 1 White hents:				
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C NCC LC020C Asymmetric 90 % 1.000 cd/lm 1 White hents:				
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LC010C G2 Asymmetric 88 % 1.500 cd/lm 1 White hents: A-SOCKET-C NCC LC020C Asymmetric 90 % 1.000 cd/lm 1 White hents:				

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PHOTOMETRIC DATA (MEASURED):

SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	LC020C G2 Asymmetric 89 % 1.000 cd/lm 1 White eents:	20° 0° 13° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0°
seous seniconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	White ents:	20° 000 50° 0000 50° 000 50° 000 50° 000 50° 000 50° 000 50° 000 50
seous seniconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	White ents:	200 200 200 200 200 200 200 200
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	SLE G7 LES09 Asymmetric 89 % 0.980 cd/lm 1 White eents:	

PRODUCT DATASHEET FN15971_RONDA-WAS-C



PHOTOMETRIC DATA (MEASURED):

r		
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	SLE G7 LES13 Asymmetric 85 % 0.650 cd/lm 1 White ents:	200 21 22 22 24 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 LES15 Asymmetric 82 % 0.500 cd/lm 1 White ents:	
XICATC LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15859_HEKL	XOB 14.5 mm Asymmetric 83 % 0.603 cd/lm 1 White ents:	
XICATC LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F15255_HEKL	XOB 9.8 mm Asymmetric 90 % 90 % 0.985 cd/lm 90 % 1 White ents: 90 %	

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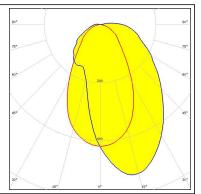


PHOTOMETRIC DATA (MEASURED):

XICATO

LED	XTM - 19mm LES			
FWHM	Asymmetric			
Efficiency	83 %			
Peak intensity	0.530 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required components:				
C16058_XTM-ADAPTER-50-C				





PRODUCT DATASHEET FN15971_RONDA-WAS-C



PHOTOMETRIC DATA (SIMULATED):

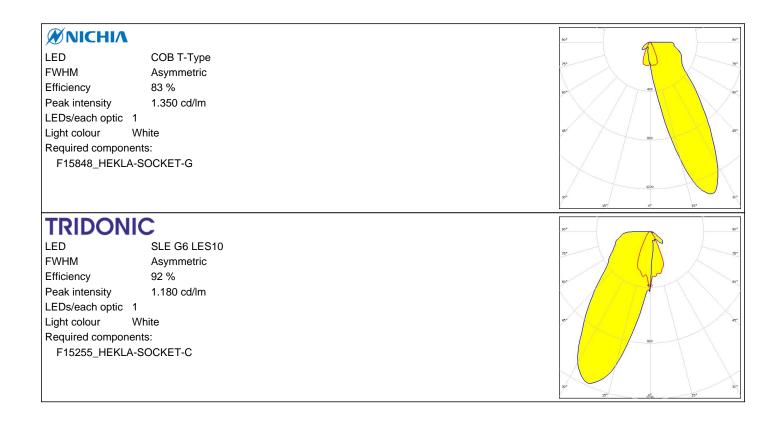
Vertication Content of	LUXEON CoB L04/L05 Asymmetric 86 % 0.831 cd/lm hite ts:	21, 0, 12, 0, 12, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
WHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen C16142_HEKLA-S Bender Wirth: 457	LUXEON CoB L08 Asymmetric 78 % 0.621 cd/lm hite ts: SOCKET-K	20 ¹ 20
CUMILEI LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen F15256_HEKLA-S	LUXEON CoB M02/M03 Asymmetric 89 % 1.204 cd/lm hite ts:	
EUMILEI LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen F15956_HEKLA-S	LUXEON CoB S01 Asymmetric 90 % 1.592 cd/lm hite ts:	

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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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