

RONDA-WWW-C

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

SPECIFICATION:

Dimensions	Ø 53.9 mm
Height	17 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIALS:

Component F15157_RONDA-WWW F15635_RONDA-HLD-C

Туре
Single lens
Holder

Material	Colour	Finish
PMMA	clear	
PC	white	

ORDERING INFORMATION:

Quantities for one set:

Single lens 1 Holder 1

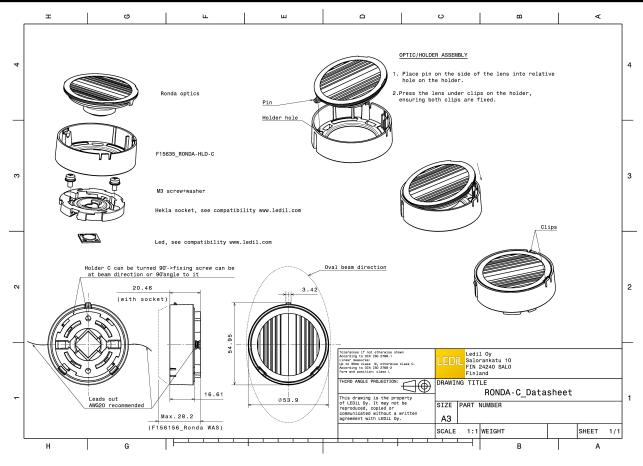


PRODUCT DATASHEET RONDA-WWW-C

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15157_RONDA-WWW _» Box size: 480 x 280 x 300 mm	Single lens	420	120	30	6.3
F15635_RONDA-HLD-C » Box size: 480 x 280 x 300 mm	Holder	420	120	30	4.1



PRODUCT DATASHEET RONDA-WWW-C



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



bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63	
bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15253_HEKLA	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15616_HEKLA	



bridgelux.		50° 50°
LED	Vesta DTW 13mm (21W)	75*
FWHM / FWTM	77.0° / 127.0°	
Efficiency	81 %	60° 60°
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	at at
Required componer		
C16142_HEKLA		400
Bender Wirth: 49	1 Typ L8	
		36* 36*
bridgelux.		50°
LED	Vesta DTW 15mm (33W)	
FWHM / FWTM	67.0° / 112.0°	
Efficiency	78 %	100°
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	5°
Required componer	nts:	400
C16142_HEKLA	SOCKET-K	
Bender Wirth: 49	1 Typ L8	
		30° <u>200</u> 30° 30°
bridgelux.		30 ⁴ 90 ⁴
bridgelux. LED	Vesta DTW 9mm (4W/6W/12W)	
	Vesta DTW 9mm (4W/6W/12W) 77.0° / 115.0°	37 - 27 90+ 90
LED		
LED FWHM / FWTM	77.0° / 115.0°	90 ⁴ 90 ⁴ 90 ⁴ 90 ⁴
LED FWHM / FWTM Efficiency	77.0° / 115.0° 85 %	60 ⁴ 80 ⁴ 200 80 ⁴
LED FWHM / FWTM Efficiency Peak intensity	77.0° / 115.0° 85 % 0.5 cd/lm	9 ⁴ 9 ⁴ 9 ⁴ 9 ⁴ 9 ⁴ 9 ⁴ 9 ⁴ 9 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	77.0° / 115.0° 85 % 0.5 cd/lm 1 White	90 ⁴ 92 ⁴ 95 ⁴ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0° / 115.0° 85 % 0.5 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgelux LED FWHM / FWTM	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgeLUX. LED FWHM / FWTM Efficiency	77.0° / 115.0° 85 % 0.5 cd/lm 1 White tts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP 77.0° / 126.0° 82 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgelux. LED FWHM / FWTM Efficiency Peak intensity	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP 77.0° / 126.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP 77.0° / 126.0° 82 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP 77.0° / 126.0° 82 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	77.0° / 115.0° 85 % 0.5 cd/lm 1 White tts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP 77.0° / 126.0° 82 % 0.5 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP 77.0° / 126.0° 82 % 0.5 cd/lm 1 White hts: SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA Bender Wirth: 49 bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	77.0° / 115.0° 85 % 0.5 cd/lm 1 White hts: SOCKET-K 0 Typ L8 Vesta TW 13mm (25W) CSP 77.0° / 126.0° 82 % 0.5 cd/lm 1 White hts: SOCKET-K	



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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/ Bender Wirth: 5	A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA		
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/	CLC020 Series (Dim-To-Warm) 73.0° / 112.0° 86 % 0.6 cd/lm 1 White ents:	
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CLL02x/CLU02x (LES10) 81.0° / 121.0° 89 % 0.5 cd/lm 1 White ents:	



CITIZE	N.	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CLU700/701/702/703 93.0° / 132.0° 89 % 0.5 cd/lm 1 White ents:	
CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/	LCN-C01B (Tunable White) 74.0° / 114.0° 86 % 0.6 cd/lm 1 White ents:	
CREE LE EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15256_HEKLA	CMA1516 83.0° / 123.0° 89 % 0.5 cd/lm 1 White ents:	
CREE CLE	CMA1825 77.0° / 124.0° 87 % 0.5 cd/lm 1 White ents:	



		A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER	90° 90°
LED	CMT14xx	and the second se	
FWHM / FWTM	79.0° / 119.0°		
Efficiency	88 %		er
Peak intensity	0.5 cd/lm	and the second se	200
LEDs/each optic	1	and the second se	
Light colour	White	A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER	g*
Required compone	nts:		
F15255_HEKLA			400
			30* 15* 0* 15* 30*
			90 ⁴
LED	CMT19xx		
FWHM / FWTM	80.0° / 129.0°		73
Efficiency	83 %		
Peak intensity	0.5 cd/lm	and the second	50°
LEDs/each optic	1	and the second se	
Light colour	White		ar de la companya de
Required compone			
F15859_HEKLA			
			400
	_		153 [°] 0 [°] 35°
			99°
LED	CXA/B 13xx		
LED FWHM / FWTM	CXA/B 13xx 94.0° / 131.0°		25° 0° 35°
LED FWHM / FWTM Efficiency	CXA/B 13xx 94.0° / 131.0° 90 %		
LED FWHM / FWTM Efficiency Peak intensity	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm		205 [°] 0° 15 [°] 99 ⁴ 79 50 ⁴ 206 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1		237 67 35 ⁷
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White		200 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts:		200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx 84.0° / 123.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx 84.0° / 123.0° 90 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx 84.0° / 123.0° 90 % 0.5 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx 84.0° / 123.0° 90 % 0.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx 84.0° / 123.0° 90 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx 84.0° / 123.0° 90 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15956_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 94.0° / 131.0° 90 % 0.5 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx 84.0° / 123.0° 90 % 0.5 cd/lm 1 White nts:		



CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15256_HEKLA	CXA/B 1816 & CXA/B 1820 & CXA 1850 76.0° / 124.0° 89 % 0.6 cd/lm 1 White ents:	
ED FWHM / FWTM Efficiency	EDS LUXEON CX Plus CoB L08 (Gen2) 78.0° / 129.0° 84 %	100 100 100 100 100 100 100 100
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 6		
	EDS	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	LUXEON CoB 1202HD 89.0° / 128.0° 89 % 0.5 cd/lm 1 White ents: -SOCKET-G	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	LUXEON CoB 1202s 94.0° / 133.0° 90 % 0.5 cd/lm 1 White ents:	



LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB 1204HD 83.0° / 131.0° 90 % 0.5 cd/lm	61
LEDs/each optic Light colour Required compone	1 White	e.
F15858_HEKLA		30 ⁴ 25 ⁵ 3 ⁴
	.EDS	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15858_HEKLA	LUXEON CoB 1205HD 75.0° / 118.0° 87 % 0.6 cd/lm 1 White ents: -SOCKET-H	5° 5° 6° 5° 5°
COMIL	EDS	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63	LUXEON CX Plus CoB - HD S01H4 83.0° / 118.0° 89 % 0.5 cd/lm 1 White ents: 34c Hekla	
EUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63	LUXEON CX Plus CoB - HD S01H6 / HD S02H6 83.0° / 118.0° 89 % 0.5 cd/lm 1 White ents:	



🤭 LUMIL	EDS	99 ⁴ 99 ⁴
LED	LUXEON CX Plus CoB - HD S04H9	
FWHM / FWTM	80.0° / 118.0°	
Efficiency	89 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	ar ar
Required compone	nts:	
Bender Wirth: 63		
		34 34
	FDS	
	LUXEON CX Plus CoB L04 / L05 (Gen2)	
FWHM / FWTM	76.0° / 118.0° 88 %	
Efficiency	0.6 cd/lm	
Peak intensity	1	
LEDs/each optic Light colour	ı White	
Required compone		
Bender Wirth: 63		
Dender Wirth. 0.		
		36 ¹⁶ 20 ¹⁷ 36 ¹⁶ 36 ¹⁶
UMIL	EDS	90 ⁴ 99 ⁴
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)	
FWHM / FWTM	80.0° / 118.0°	
Efficiency	89 %	er for
Efficiency Peak intensity	89 % 0.5 cd/lm	50 50 50 50 50 50 50 50 50 50 50 50 50 5
		6 ⁵
Peak intensity	0.5 cd/lm	
Peak intensity LEDs/each optic	0.5 cd/lm 1 White	9 ² 50
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White nts:	
Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White nts:	
Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White nts:	
Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White nts: 11a Hekla	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64	0.5 cd/lm 1 White nts: 11a Hekla	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64	0.5 cd/lm 1 White nts: 11a Hekla EDS LUXEON CX Plus CoB S01 (Gen2)	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64	0.5 cd/lm 1 White nts: 11a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0°	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64	0.5 cd/lm 1 White nts: 11a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0° 90 %	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64 WIM / FWTM Efficiency Peak intensity	0.5 cd/lm 1 White nts: 11a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0°	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64 WIM / WITH LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.5 cd/lm 1 White nts: 11a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0° 90 % 0.5 cd/lm	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64 Wirth: 64 WIM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White nts: 11a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0° 90 % 0.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64 LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White nts: 41a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0° 90 % 0.5 cd/lm 1 White nts:	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64 WIM / WITH Efficiency Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White nts: 41a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0° 90 % 0.5 cd/lm 1 White nts:	
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 64 LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White nts: 41a Hekla EDS LUXEON CX Plus CoB S01 (Gen2) 83.0° / 117.0° 90 % 0.5 cd/lm 1 White nts:	



	INUS	50* 50*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43	A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43	CDM-6 (Dim-To-Warm) 90.0° / 131.0° 87 % 0.5 cd/lm 1 White ents: A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 49	CDM-9 (Dim-To-Warm) 82.0° / 121.0° 86 % 0.5 cd/lm 1 White ents: A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 44	CTM-14 (Tunable White) 79.0° / 126.0° 81 % 0.5 cd/lm 1 White ents: A-SOCKET-K	



ELUM		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CTM-9 (Tunable White) 79.0° / 118.0° 86 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CxM-9 (13.5x13.5) 80.0° / 119.0° 89 % 0.5 cd/lm 1 White ents:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43	NJCWL024Z-V1MT: COB L-Type Tunable White 85.0° / 122.0° 83 % 0.5 cd/lm 1 White ents: A-SOCKET-K	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 49	NVCWJ024Z-V1MT: COB J-Type Tunable White 76.0° / 117.0° 86 % 0.6 cd/lm 1 White ents: A-SOCKET-K	



PHILIF	DS	p,
LED	Fortimo SLM L09 CoB	
FWHM / FWTM	81.0° / 120.0°	
Efficiency	88 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	e de la companya de
Required compone		
F15858_HEKLA	A-SOCKET-H	
		20 ⁴ 20 ⁴
PHILIP	S	
LED	Fortimo SLM L13 CoB	
FWHM / FWTM	77.0° / 127.0°	
Efficiency	82 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C16142_HEKLA		
Bender Wirth: 43	32 Typ L8	
B		
PHILIF	25	50, 20 ¹
	Fortimo SLM L13 CoB	55* 50*
		99 ⁴ 99 ⁴
LED	Fortimo SLM L13 CoB	
LED FWHM / FWTM	Fortimo SLM L13 CoB 77.0° / 127.0°	
LED FWHM / FWTM Efficiency	Fortimo SLM L13 CoB 77.0° / 127.0° 82 %	
LED FWHM / FWTM Efficiency Peak intensity	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4: SAMSU LED FWHM / FWTM Efficiency	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4 Bender Wirth: 4: SAMSSI LED FWHM / FWTM Efficiency Peak intensity	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8 UNC LC003D / LC006D / LC009D / LC013D 81.0° / 121.0° 90 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4 Bender Wirth: 4: SAMSSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8 UNG LC003D / LC006D / LC009D / LC013D 81.0° / 121.0° 90 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43 SAMSU LED FWHM / FWTM	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8 UNC LC003D / LC006D / LC009D / LC013D 81.0° / 121.0° 90 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4: SAMSSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8 UNC LC003D / LC006D / LC009D / LC013D 81.0° / 121.0° 90 % 0.5 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4 Bender Wirth: 4: SAMSSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8 UNC LC003D / LC006D / LC009D / LC013D 81.0° / 121.0° 90 % 0.5 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4: SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo SLM L13 CoB 77.0° / 127.0° 82 % 0.5 cd/lm 1 White ents: A-SOCKET-K 32 Typ L8 UNC LC003D / LC006D / LC009D / LC013D 81.0° / 121.0° 90 % 0.5 cd/lm 1 White ents:	



SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	LC010C 94.0° / 133.0° 89 % 0.5 cd/lm 1 White nts:	90°
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	LC010C G2 94.0° / 133.0° 89 % 0.5 cd/lm 1 White nts:	9°
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50	LC010T (Tunable White) 76.0° / 117.0° 86 % 0.5 cd/lm 1 Tunable White nts: -SOCKET-K	93 ⁴ 72 [*] 60 [*] 67 [*]
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	LC016D / LC019D / LC026D / LC033D 80.0° / 131.0° 82 % 0.5 cd/lm 1 White nts:	57 57 57 57 57 57 57 57 57 57 57 57 57 5



0.0.0.0		
SAMS	JNG	90 ⁴ 90
LED	LC020C	
FWHM / FWTM	87.0° / 127.0°	
Efficiency	90 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	ar ar an
Required compone	nts:	
F15848_HEKLA	-SOCKET-G	
		40
		30 ⁴ 30 ⁴
SAMS	JNG	94 ⁵
LED	LC020C G2	
FWHM / FWTM	82.0° / 120.0°	
Efficiency	88 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	er de la companya de
Required compone		
F15859_HEKLA		
_		
		**
SЛМS	ING	25 [°] 0 ⁴ 15 ⁵
LED		
EED FWHM / FWTM	LC020T (Tunable white) 75.0° / 122.0°	
Efficiency	83 %	
Peak intensity	0.5 cd/lm	60 ¹⁰ 200
LEDs/each optic	1	
Light colour	' Tunable White	
Required compone		
C16142_HEKL/		
Bender Wirth: 5		
		34*
SEOUL		
SEOUL SEMICONDUCTOR		90* 99*
LED	MJT COB LES 6	
FWHM / FWTM	91.0° / 129.0°	
Efficiency	86 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
F15255_HEKLA		



			904
LED	MJT COB LES 9.8		
FWHM / FWTM	79.0° / 118.0°		77
Efficiency	86 %		60°
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour	White		gr
Required compone	nts:		
F15255_HEKLA	-SOCKET-C		
			90% 170° 0% 170
TRIDON	IIC		20*
LED	SLE G7 LES09		
FWHM / FWTM	83.0° / 120.0°		75*
Efficiency	89 %		
Peak intensity	0.5 cd/lm		200
LEDs/each optic	1		
Light colour	White		ter de la companya de
Required compone		and the second se	
F15255_HEKLA			
			7
			15° 0° 15°
TRIDON	lic		125 ¹ 0 ¹ 12 ²
	SLE G7 LES13		20°
			39: 94: 125' 0 ¹ 12'
LED	SLE G7 LES13		
LED FWHM / FWTM	SLE G7 LES13 78.0° / 124.0°		200 - 200 -
LED FWHM / FWTM Efficiency	SLE G7 LES13 78.0° / 124.0° 85 %		200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm		200 25 ⁴ 25 ⁴ 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts:		200 - 200 - 200 - 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SIE G7 LES15 81.0° / 132.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM Efficiency	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SLE G7 LES15 81.0° / 132.0° 83 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SLE G7 LES15 81.0° / 132.0° 83 % 0.5 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SLE G7 LES15 81.0° / 132.0° 83 % 0.5 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SLE G7 LES15 81.0° / 132.0° 83 % 0.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SLE G7 LES15 81.0° / 132.0° 83 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SLE G7 LES15 81.0° / 132.0° 83 % 0.5 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES13 78.0° / 124.0° 85 % 0.5 cd/lm 1 White nts: -SOCKET-I SLE G7 LES15 81.0° / 132.0° 83 % 0.5 cd/lm 1 White nts:		



XOB 14.5 mm 78.0° / 128.0° 83 % 0.5 cd/lm 1 White ts: SOCKET-I	
XOB 9.8 mm 81.0° / 121.0 + 120.5°	90 ³
89 % 0.5 cd/lm 1 White	50° - 200 5°
ts: SOCKET-C	30° 400 157
	35*
XTM - 19mm LES	75
81.0° / 137.0°	
	5.
ts: APTER-50-C	
	81.0° / 121.0 + 120.5° 89 % 0.5 cd/lm 1 White ts: SOCKET-C XTM - 19mm LES 81.0° / 137.0° 83 % 0.4 cd/lm 1 White ts:



OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR		91
LED	MJT COB LES 14.5	77
FWHM / FWTM	79.0° / 133.0°	
Efficiency	73 %	90
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	or or
Required components		
F17438_HEKLA-G	2-1	
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	MJT COB LES 6	
FWHM / FWTM	85.0° / 116.0°	72*
Efficiency	84 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	e
Required components		
F17435_HEKLA-G	2-C	
		30
SEOUL		<u>153</u> 04 <u>153</u>
SEOUL SEMICONDUCTOR		50 ⁴ 50 ⁴
LED	MJT COB LES 9.8	
FWHM / FWTM	80.0° / 117.0°	
Efficiency	83 %	6 ¹
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components	5:	
F17435_HEKLA-G		
		20 ⁵ 0 ⁶ 30 ⁵



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.

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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

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

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