

PRODUCT DATASHEET RONDA-WAS2-C

RONDA-WAS2-C

Asymmetric beam ideal for floor installations with holder C compatible with LEDiL HEKLA

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 53.9 mm
Height	16 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component F15862_RONDA-WAS2 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

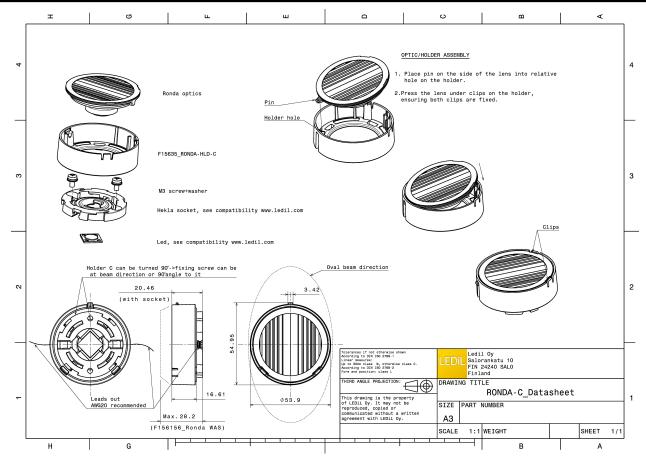


PRODUCT DATASHEET RONDA-WAS2-C

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15862_RONDA-WAS2 » Box size: 480 x 280 x 300 mm	Single lens	420	120	30	8.3
F15635_RONDA-HLD-C » Box size: 480 x 280 x 300 mm	Holder	420	120	30	4.1



PRODUCT DATASHEET RONDA-WAS2-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		90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15253_HEKLA		
bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15253_HEKLA		
bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA		



bridgelux. LED	V9 HD Gen7	90	99.
FWHM / FWTM	Asymmetric	284	775*
Efficiency	89 %		200
Peak intensity	0.9 cd/lm	60 ⁴	F 604
LEDs/each optic	1		400
Light colour	White	67	45*
Required compone	nts:		
F15859_HEKLA			600
			840
			0° 15° 30°
bridgelux.		81	90*
LED	VERO10		
FWHM / FWTM	Asymmetric	72	78.
Efficiency	89 %		200
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		400
Light colour	White	e	51
Required compone			
F15616_HEKLA	-SOCKET-F		600
		30*	800 30*
		**	1
			F
bridgelux.		8°	90*
LED	Vesta DTW 13mm (21W)	804	90*
LED FWHM / FWTM	Asymmetric	90°	8.
LED FWHM / FWTM Efficiency	Asymmetric 85 %	90° 700 60'	20
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 85 % 0.6 cd/lm	29* 	20 6 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 85 % 0.6 cd/lm 1	20 20	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 85 % 0.6 cd/lm 1 Tunable White	90 20 60	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts:	91 30 61	50 0°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K	5°	50 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K	9° 70 67	200 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K	20- 20- 20- 20-	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 49	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K	90 30 60 97 97 97 97 97 97	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 21 Typ L8	51- 52- 50- 50- 50- 50- 50- 50- 50- 50- 50- 50	50 60 60 60 60 61 61 61 61 61 61 61 61 61 61
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 91 Typ L8 Vesta TW 13mm (25W) CSP		90 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgelux LED FWHM / FWTM	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 31 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric		20 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 49 bridgeLux. LED FWHM / FWTM Efficiency	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 91 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric 85 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4S bridgeLUX. LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 31 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgeLux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 21 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric 85 % 0.6 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgeLux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 21 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric 85 % 0.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgeLux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 21 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric 85 % 0.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgeLux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 21 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric 85 % 0.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgeLux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 85 % 0.6 cd/lm 1 Tunable White nts: -SOCKET-K 21 Typ L8 Vesta TW 13mm (25W) CSP Asymmetric 85 % 0.6 cd/lm 1 White		



bridgelux.		50°
LED	Vesta TW 6mm DP	
FWHM / FWTM	Asymmetric	
Efficiency	84 %	60* 60*
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	400
Light colour	White	45*
Required compone		800
C16142_HEKLA	-SOCKET-K	
Bender Wirth: 50	04 Тур L8	00
		30* 12 ⁵ 0* 15 ⁵
bridgelux.		50*
LED	Vesta TW 9mm (12W) CSP	770
FWHM / FWTM	Asymmetric	
Efficiency	86 %	50°
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 400 45°
Required compone	nts:	
C16142_HEKLA	-SOCKET-K	
		00
		30-
1		15° 0° 15°
CITIZE	N	86. 85. 85. 85. 85. 85. 85. 85. 85. 85. 85
		80°
	CLC020 Series (Dim-To-Warm)	22° c² 22°
LED FWHM / FWTM		
LED FWHM / FWTM Efficiency	CLC020 Series (Dim-To-Warm) Asymmetric 86 %	
LED FWHM / FWTM Efficiency Peak intensity	CLC020 Series (Dim-To-Warm) Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K N CLL02x/CLU02x (LES10)	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K N CLL02x/CLU02x (LES10) Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITTIZE LED FWHM / FWTM Efficiency	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K N CLL02x/CLU02x (LES10) Asymmetric 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITIZE LED FWHM / FWTM Efficiency Peak intensity	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K N CLL02x/CLU02x (LES10) Asymmetric 87 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K N CLL02x/CLU02x (LES10) Asymmetric 87 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K N CLL02x/CLU02x (LES10) Asymmetric 87 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLC020 Series (Dim-To-Warm) Asymmetric 86 % 0.8 cd/lm 1 White nts: -SOCKET-K	



CITIZE	N	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	CLL03x/CLU03x Asymmetric 86 % 0.6 cd/lm 1 White nts:	
CITIZE	N CLU700/701/702 Asymmetric	23°
Efficiency Peak intensity LEDs/each optic Light colour	88 % 1 cd/lm 1 White	
Required compone F15255_HEKLA		9× 12 ³ 195 13 ³ 3×
CITIZE	N	90* 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLU7A2 (LES 4.2mm) Asymmetric 89 % 1.1 cd/lm 1	25 ⁴ 50 ⁴
Light colour Required compone F15255_HEKLA		
CITIZE	N	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LCN-C01B (Tunable White) Asymmetric 86 % 0.6 cd/lm 1 White	
Required compone C16142_HEKLA Bender Wirth: 48	nts: -SOCKET-K	30 th 30 th 30 th



			80°
LED	CMA1516		759 759
FWHM / FWTM	Asymmetric		
Efficiency	91 %		50* 60*
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		
Light colour	White		45*
Required compone			840
F15256_HEKLA	-SOCKET-D		
			30* <u>8%</u> 15 ³ 0* 15* 30*
	0		50°
LED	CMA1825		
FWHM / FWTM	Asymmetric		
Efficiency	91 %	and the second se	60°
Peak intensity	0.7 cd/lm	and the second se	
LEDs/each optic	1		
Light colour	White		95° 400 43
Required compone	ents:	1000	
F15254_HEKLA	-SOCKET-B		
			040
			300
			15° 0 ⁶ 15°
CREE ÷ LEI	0		
			<u>99*</u>
LED	CMT14xx		90°
LED FWHM / FWTM	CMT14xx Asymmetric		30* 30* 30* 30* 30* 30* 30* 30* 30* 30*
LED FWHM / FWTM Efficiency	CMT14xx Asymmetric 91 %		90* 175 200 200 60* 60*
LED FWHM / FWTM Efficiency Peak intensity	CMT14xx Asymmetric 91 % 0.8 cd/lm		90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CMT14xx Asymmetric 91 % 0.8 cd/lm 1		90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CMT14xx Asymmetric 91 % 0.8 cd/Im 1 White		5° 5° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White ints:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White ints:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White ints:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White ints:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White onts: -SOCKET-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White onts: -SOCKET-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White ints: -SOCKET-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White ints: -SOCKET-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White Ints: -SOCKET-C CMT19xx Asymmetric		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White onts: -SOCKET-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White Ints: -SOCKET-C CMT19xx Asymmetric 89 % 0.6 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White Ints: -SOCKET-C CMT19xx Asymmetric 89 % 0.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White Ints: -SOCKET-C CMT19xx Asymmetric 89 % 0.6 cd/lm 1 White Ints:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White Ints: -SOCKET-C CMT19xx Asymmetric 89 % 0.6 cd/lm 1 White Ints:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CMT14xx Asymmetric 91 % 0.8 cd/lm 1 White Ints: -SOCKET-C CMT19xx Asymmetric 89 % 0.6 cd/lm 1 White Ints:		



CXA/B 13xx Asymmetric 89 % 1 cd/lm 1 White ents: -SOCKET-J		
		90°
CXA/B 15xx Asymmetric 89 % 0.8 cd/lm 1 White ents: -SOCKET-D		20°
EDS		
LUXEON CX Plus CoB L08 (Gen2) Asymmetric 88 % 0.7 cd/lm 1 White ents: 37a Hekla		
LUXEON CoB 1202HD Asymmetric 92 % 1 cd/lm 1 White ents:		90° 70° 60° 60° 60° 60°
	Asymmetric 89 % 1 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx Asymmetric 89 % 0.8 cd/lm 1 White nts: -SOCKET-D EDS LUXEON CX Plus CoB L08 (Gen2) Asymmetric 88 % 0.7 cd/lm 1 White nts: 37a Hekla EDS LUXEON CoB 1202HD Asymmetric 92 % 1 cd/lm 1 White	CXA/B 13xx Asymmetric 89 % 1 cd/lm 1 White nts: -SOCKET-J CXA/B 15xx Asymmetric 89 % 0.8 cd/lm 1 White nts: -SOCKET-D EDS LUXEON CX Plus CoB L08 (Gen2) Asymmetric 88 % 0.7 cd/lm 1 White nts: -STA Helda EDS LUXEON CAS 1202HD Asymmetric 92 % 1 cd/lm 1 White



UMIL	EDS	<u>8</u> ,
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB 1202s Asymmetric 89 % 0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone F15848_HEKLA		
		20* 27
UMIL	EDS	9.4
LED	LUXEON CoB 1204HD	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
F15858_HEKLA	-SOCKET-H	
	EDS	23 ⁶ 23 ⁵ 0 ⁴ 23 ⁶ 3
LED	LUXEON CoB 1205HD	
FWHM / FWTM	Asymmetric	
Efficiency	90 %	594
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	6 ., 6 .
Required compone F15858_HEKLA		30° - 33° - 33°
UMIL	EDS	90°
LED	LUXEON CX Plus CoB - HD S01H4	
FWHM / FWTM	Asymmetric	30
Efficiency	89 %	su su
Peak intensity	1.1 cd/lm	400
LEDs/each optic	1	
Light colour	White	67
Required compone Bender Wirth: 63		80
		20 ¹⁰ 20 ¹ 20 ¹



UMIL	EDS	90*
LED	LUXEON CX Plus CoB - HD S01H6 / HD S02H6	
FWHM / FWTM	Asymmetric	72*
Efficiency	89 %	504
Peak intensity	1.1 cd/lm	400
LEDs/each optic	1	
Light colour	White	
Required compone Bender Wirth: 63		
Bender Winth: 63	час пекіа	800
		 /30*
🥙 LUMIL	EDS	90° 9
LED	LUXEON CX Plus CoB - HD S04H9	78.
FWHM / FWTM	Asymmetric	
Efficiency	89 %	601 e
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	400
Light colour	White	42"
Required compone		600
Bender Wirth: 63	34c Hekla	
		30° 800 3
	EDS	99%
LED	LUXEON CX Plus CoB L04 / L05 (Gen2)	
FWHM / FWTM	Asymmetric	78
Efficiency	89 %	60°
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	400 at
Required compone		
Bender Wirth: 63	37a Hekla	640
		30° 15° 0° 15° 3
	EDS	50 ⁴
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)	
FWHM / FWTM	Asymmetric	75'
Efficiency	89 %	er
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	45*
Required compone		
Bender Wirth: 64	I1a Hekla	
		800



LUMIL	EDS	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Bender Wirth: 63	LUXEON CX Plus CoB S01 (Gen2) Asymmetric 89 % 1.1 cd/lm 1 White tts:	
	NUS	
LED	CDM-14 (Dim-To-Warm)	90* 90*
FWHM / FWTM	Asymmetric	750 780
Efficiency	82 %	h
Peak intensity	0.6 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	
Required componer		
C16142_HEKLA		400
Bender Wirth: 49		
Dender Wirtin. 49		
		30* 15 ⁵ 000 15* 30*
(C LUMI	NUS	90° 90°
LED	CDM-6 (Dim-To-Warm)	
FWHM / FWTM	Asymmetric	73°
Efficiency	85 %	
Peak intensity	0.8 cd/lm	.60 ⁴ 60 ⁴
I EDolooch antic		
LEDs/each optic	1	
LEDs/each optic	1 White	6° 60
-	White	40
Light colour	White tts:	-6° -60
Light colour Required componer	White its: SOCKET-K	60° 000 5°
Light colour Required componer C16142_HEKLA	White its: SOCKET-K	
Light colour Required componer C16142_HEKLA Bender Wirth: 49	White its: SOCKET-K 0 Typ L8	
Light colour Required componer C16142_HEKLA Bender Wirth: 49	White its: SOCKET-K 0 Typ L8	
Light colour Required componer C16142_HEKLA Bender Wirth: 49	White its: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm)	100
Light colour Required componer C16142_HEKLA Bender Wirth: 49	White its: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric	20 20 20 20 20 20 20 20 20 20
Light colour Required componer C16142_HEKLA Bender Wirth: 49	White tts: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric 85 %	
Light colour Required componer C16142_HEKLA Bender Wirth: 49	White Its: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric 85 % 0.8 cd/lm	
Light colour Required componer C16142_HEKLA Bender Wirth: 49	White Its: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric 85 % 0.8 cd/lm 1	
Light colour Required componen C16142_HEKLA Bender Wirth: 49	White Its: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric 85 % 0.8 cd/lm 1 White	
Light colour Required componen C16142_HEKLA Bender Wirth: 49 CED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	White its: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric 85 % 0.8 cd/lm 1 White its:	
Light colour Required componen C16142_HEKLA Bender Wirth: 49 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	White tts: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric 85 % 0.8 cd/lm 1 White tts: SOCKET-K	
Light colour Required componer C16142_HEKLA Bender Wirth: 49 CED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	White tts: SOCKET-K 0 Typ L8 NUS CDM-9 (Dim-To-Warm) Asymmetric 85 % 0.8 cd/lm 1 White tts: SOCKET-K	



ELUMI	NUS	90* 90*
LED	CTM-14 (Tunable White)	
FWHM / FWTM	Asymmetric	772
Efficiency	83 %	
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	5 ⁻
Required componer		
C16142_HEKLA-		
Bender Wirth: 44		
	- · / - ·	
		30* 15 ⁵ 00 ⁶ 15* 30*
	NUS	90* B0*
LED	CTM-9 (Tunable White)	
FWHM / FWTM	Asymmetric	73.0 73.0
Efficiency	85 %	200
Peak intensity	0.8 cd/lm	.50 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	45* 400
Required componer		
C16142_HEKLA		
Bender Wirth: 49		
		30* 13 ⁴ 20 ⁶ 15* 30*
() LUMI	NUS	20° 10 20° 20° 20°
		90° 10° 10° 90°
	NUS CxM-14 (19x19) Asymmetric	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED	CxM-14 (19x19)	20° 20° 20° 30° 20° 20° 20° 30° 20° 70° 70° 20° 70° 70°
LED FWHM / FWTM Efficiency	CxM-14 (19x19) Asymmetric	20° 20° 20° 20°
LED FWHM / FWTM Efficiency Peak intensity	CxM-14 (19x19) Asymmetric 87 %	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM / FWTM Efficiency	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm	20° 20° 9° 20° 20° 9° 20° 6° 20° 6° 40° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts:	20° 20° 9° 20° 20° 9° 20° 20° 6° 40° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts:	20° 20° 9° 20° 20° 9° 20° 6° 40° 6° 40° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts:	20° 20° 20° 20° 20° 20° 20° 20° 20° 20° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts: SOCKET-I	30* 30 30 30* 30* 30* 30 30* 30* 30* 90* 90* 90* 90* 90* 40* 200 60* 60* 60* 30* 10* 90* 90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CXM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White hts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White hts: SOCKET-I SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White hts: SOCKET-I NUS CXM-4 Asymmetric 88 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White tts: SOCKET-I CXM-4 Asymmetric 88 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White hts: SOCKET-I CXM-4 Asymmetric 88 % 1 cd/lm 1 White hts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White hts: SOCKET-I CXM-4 Asymmetric 88 % 1 cd/lm 1 White hts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	CxM-14 (19x19) Asymmetric 87 % 0.6 cd/lm 1 White hts: SOCKET-I CXM-4 Asymmetric 88 % 1 cd/lm 1 White hts: SOCKET-I	



Ga		
	NUS	90*
LED	CxM-9 (13.5x13.5)	
FWHM / FWTM	Asymmetric	750 780
Efficiency	88 %	200
Peak intensity	0.8 cd/lm	504 604
LEDs/each optic	1	
Light colour	White	400
Required component		
F15255_HEKLA		510
		30* 25° 30* 30*
ØNICHI	N	90* 99*
LED	NJCWL024Z-V1MT: COB L-Type Tunable White	
FWHM / FWTM	Asymmetric	736 770
Efficiency	82 %	
Peak intensity	0.9 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	451
Required compone	nts:	
C16142_HEKLA	-SOCKET-K	
Bender Wirth: 49	7 Тур L8	
		000
		 15 ² 0 ⁰ 15*
ØNICHI	N	90* 90*
LED	NVCWJ024Z-V1MT: COB J-Type Tunable White	
FWHM / FWTM	Asymmetric	73
Efficiency	86 %	200
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
LEDs/each optic Light colour	1 White	e ⁻ 60 e ⁻
	White	g. 60 a.
Light colour	White nts:	o
Light colour Required compone	White nts: -SOCKET-K	¢.
Light colour Required compone C16142_HEKLA	White nts: -SOCKET-K	30 00 00 00 00 00 00 00 00 00
Light colour Required componen C16142_HEKLA Bender Wirth: 49	White nts: -SOCKET-K 18 Typ L8	9°
Light colour Required componen C16142_HEKLA Bender Wirth: 49	White hts: -SOCKET-K 18 Typ L8	90 ⁴ 60 ⁴ 6
Light colour Required componen C16142_HEKLA Bender Wirth: 49 PHILLIP LED	White hts: -SOCKET-K 8 Typ L8 S Fortimo SLM L09 CoB	31 32 30 30 30 30 30 30 30 30 30 30
Light colour Required component C16142_HEKLA Bender Wirth: 49 PHILIP LED FWHM / FWTM	White hts: -SOCKET-K 18 Typ L8 S Fortimo SLM L09 CoB Asymmetric	
Light colour Required component C16142_HEKLA Bender Wirth: 49 PHILLIP LED FWHM / FWTM Efficiency	White hts: -SOCKET-K 18 Typ L8 S Fortimo SLM L09 CoB Asymmetric 90 %	71
Light colour Required component C16142_HEKLA Bender Wirth: 49 PHILLIP LED FWHM / FWTM Efficiency Peak intensity	White hts: -SOCKET-K 18 Typ L8 S Fortimo SLM L09 CoB Asymmetric 90 % 0.8 cd/lm	71
Light colour Required component C16142_HEKLA Bender Wirth: 49 PHILLIP LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White hts: -SOCKET-K 18 Typ L8 Fortimo SLM L09 CoB Asymmetric 90 % 0.8 cd/lm 1	71
Light colour Required component C16142_HEKLA Bender Wirth: 49 PHILLIP LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White hts: -SOCKET-K 18 Typ L8 Fortimo SLM L09 CoB Asymmetric 90 % 0.8 cd/lm 1 White	71
Light colour Required componen C16142_HEKLA Bender Wirth: 49 PHILLIP LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	White hts: SOCKET-K 8 Typ L8 S Fortimo SLM L09 CoB Asymmetric 90 % 0.8 cd/lm 1 White hts:	71
Light colour Required component C16142_HEKLA Bender Wirth: 49 PHILLIP LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White hts: SOCKET-K 8 Typ L8 S Fortimo SLM L09 CoB Asymmetric 90 % 0.8 cd/lm 1 White hts:	71
Light colour Required componen C16142_HEKLA Bender Wirth: 49 PHILLIP LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	White hts: SOCKET-K 8 Typ L8 S Fortimo SLM L09 CoB Asymmetric 90 % 0.8 cd/lm 1 White hts:	71



PHILIP	20	ar¢ ar
LED	Fortimo SLM L13 CoB	
FWHM / FWTM	Asymmetric	75. 9
Efficiency	88 %	
Peak intensity	0.7 cd/lm	69 ²
LEDs/each optic	1	
Light colour	White	47°
Required compone		400
C16142_HEKLA		
Bender Wirth: 43		
		30° 660 30
<u> </u> S M S I	JNG	50°
LED	LC003D / LC006D / LC009D / LC013D	
FWHM / FWTM	Asymmetric	73°
Efficiency	87 %	200
Peak intensity	0.8 cd/lm	60 ⁴ 60
LEDs/each optic	1	
Light colour	White	45°
Required compone	nts:	
F15255_HEKLA	-SOCKET-C	600
รлмรเ		11 ³
		90* 90
LED	LC010C	
LED FWHM / FWTM	LC010C Asymmetric	90°
LED FWHM / FWTM Efficiency	LC010C Asymmetric 87 %	
LED FWHM / FWTM Efficiency Peak intensity	LC010C Asymmetric 87 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC010C Asymmetric 87 % 0.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010C Asymmetric 87 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts:	90° 90 75° 70 60° 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts:	90° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts:	50° 73° 60° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM Efficiency	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM Efficiency Peak intensity	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010C Asymmetric 87 % 0.9 cd/lm 1 White nts: -SOCKET-G	



SAMSL	JNG	50° 50°
LED	LC010T (Tunable White)	
FWHM / FWTM	Asymmetric	157
Efficiency	86 %	200
Peak intensity	0.8 cd/lm	501- CO
LEDs/each optic	1	
Light colour	Tunable White	95° 400 85°
Required component		
C16142_HEKLA		
Bender Wirth: 50		610
		30" 33" 30"
SΛΜSL	JNG	50° 50°
LED	LC016D / LC019D / LC026D / LC033D	
FWHM / FWTM	Asymmetric	33. 23.
Efficiency	87 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	g
Required compone	nts:	
F15859_HEKLA	-SOCKET-I	
		30°
0.0.0.0.0		125 600 125"
SΛΜSL	JNG	90° 90° 10°
	JNG LC020C	90° 90° 90°
		23 ³ all 13 ³
LED	LC020C	20 ³ 0 ⁴ 2 ³
LED FWHM / FWTM	LC020C Asymmetric	20° 00 20°
LED FWHM / FWTM Efficiency	LC020C Asymmetric 88 %	25 [°] 90 55°
LED FWHM / FWTM Efficiency Peak intensity	LC020C Asymmetric 88 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC020C Asymmetric 88 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts:	23 ⁴ gh 23 ⁴ gh 20 6 ⁴ gh 20 7 ⁴ gh 20 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15848_HEKLA	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA:	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA:	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA SAMSL LED FWHM / FWTM	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA: SAMSU LED FWHM / FWTM Efficiency	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA F15848_HEKLA Efficiency Peak intensity	LC020C Asymmetric 88 % 0.8 cd/lm 1 White Ints: SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA F15848_HEKLA Efficiency Peak intensity LEDs/each optic	LC020C Asymmetric 88 % 0.8 cd/lm 1 White Its: SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA: SAMSL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: SOCKET-G LC020C G2 Asymmetric 87 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA: SAMSL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA: SAMSL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15848_HEKLA: SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LC020C Asymmetric 88 % 0.8 cd/lm 1 White nts: -SOCKET-G	



LED LC202T (Turable while) EWHM / FWTM Asymmetric Etholency 86 % Peak Intensity 0.6 cd/m LED/each optic 1 Light colour Turable While Required components: C1142_FEKASOCKET.K Bender Wirht: 501 Typ L3 TEIDONIC LED SLE G7 LES19 EWHM / FWTM Asymmetric Etholency 89 % Peak Intensity 0.8 cd/m LED/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET.C TEIDONIC LED SLE G7 LES13 FWHM / FWTM Asymmetric Etholency 0.8 cd/m LED/each optic 1 LED SLE G7 LES13 FWHM / FWTM Asymmetric Etholency 0.6 cd/m LED/each optic 1 LED SLE G7 LES13 FWHM / FWTM Asymmetric Etholency 0.6 cd/m LED/each optic 1 TEIDONIC LED SLE G7 LES13 FWHM / FWTM Asymmetric Etholency 0.6 cd/m LED/each optic 1 LED/EXEC FUED SLE G7 LES15 FWHM / FWTM Asymmetric Etholency 86 % Peak Intensity 0.6 cd/m LED/each optic 1	SAMS	ING	
PWHM / FVTM Asymmetric Efficiency 96 % Peak Intensity 0.6 od/m LEDXeech optic 1 LEDXeech optic 2 C16142_HEKLASOCKET-K Bender Wirht: SUT Typ L0 TRIDONIC LED EMBORING 98 % Peak Intensity 0.8 od/m LEDXeech optic 1 Light colour White Required components: F15255_HEKLASOCKET-C TRIDONIC LED SLG71ES15 FWMM / FVTM Asymmetric Efficiency 86 % Peak Intensity 0.6 od/m LEDXeech optic 1 TRIDONICE LEDX SLG71ES15 FWMM / FVTM Asymmetric Efficiency 86 % Peak Intensity 0.6 od/m LEDXeech optic 1 TRIDONICE LEDX SLG71ES15 FVMM / FVTM Asymmetric Efficiency 86 % Peak Intensity 0.6 od/m LEDXeech optic 1 LEDX SLG71ES15 FVMM / FVTM Asymmetric Efficiency 86 % Peak Intensity 0.6 od/m LEDXeech optic 1 LEDX SLG71ES15 FVMM / FVTM Symmetric Efficiency 86 % Peak Intensity 0.6 od/m LEDXeech optic 1 Light colour White Required components: F15559_HEKLASOCKET-J			90* 96
Efficiency 85% Pack Intensity 0.5 ddm Light colour Tunable While Required components: C15142, HEKLASOCKET-K Bender Writh: 501 Typ L3 TRIDONIC LED SLE G7 LES09 PWHM / FWTM Asymmetric Efficiency 89% Peak Intensity 0.8 ddm LEDSreach optic 1 Light colour While Required components: F15259_HEKLASOCKET-I TRIDONIC LED SLE G7 LES13 Peak Intensity 0.6 ddm Light colour While Required components: F15859_HEKLASOCKET-I			758
Peak Intensity 0.6 od/m LED/seach optic 1 LED/seach optic 2 CT1142_HEXLSOCKET.4 Bender Wirth: 501 Typ L3 TRIDONIC LED Bed Wirth: 501 Typ L3 TRIDONIC LED Sea Information Efficiency 89 % Peak Intensity 0.6 od/m LED/seach optic 1 Light colour White Required components: F15255_HEKLA-SOCKET.5 TRIDONIC LED SLE G7 LESIS FWHM /FVTM Saymmetric Efficiency 86 % Peak Intensity 0.6 od/m LED/seach optic 1 LED/seach		-	
LEDSteach optic 1 Light colour Tunable White Required components: C15142_HEKLASCOKET K Bender With: 501 Typ LB TRIDONIC LED & SLE G7 LES0 FWHM /FVTM Asymmetric Efficiency 80 % Peak intensity 0.3 cd/m LEDSteach optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED & SLE G7 LES13 FWHM /FVTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LEDSteach optic 1 Light colour White Required components: F15359_HEKLA-SOCKET-1	-		60% (Contraction of the contraction of the contract
Light colour Tunable White Required components: CT1142_HEX.SOCKET.K Bender With: 501 Typ L3 TRIDONIC LED SLE G7 LES09 FWHM /FWT Asymmetric Efficiency 89 % Peak intensity 0.8 colm LEDSteach optie 1 Light colour White Required components: F15255_HEKLA-SOCKET.C TRIDONIC LED SLE G7 LES13 FWHM /FWT Asymmetric Efficiency 89 % Peak intensity 0.6 colm LEDSteach optie 1 Light colour White Required components: F15559_HEKLA-SOCKET.I	-		
Required components: C1S142_HEKLA-SOCKET1 Ender Wirht: 501 Typ L8 TRIDEONIC LED Sead optice 1 Light colour White Required components: F15255_HEKLA-SOCKET1 TRIDEONIC LED Sead optice 1 Light colour White Required components: F15859_HEKLA-SOCKET1 TRIDEONIC LED Sead optice 1 Light colour White Required components: F15859_HEKLA-SOCKET1	-		45*
Cl6142_HEKLA-SOCKET-K Bender With: 501 Typ L3 TRIDEONIC LED SLE G7 LES09 FWHM / FVTM Asymmetric Efficiency 89 % Peak intensity 0.8 cd/m LED2/each optic 1 Lght colour White Required components: F15255_HEKLA-SOCKET-C TRIDEONIC LED SLE G7 LES13 FWHM / FVTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LED2/each optic 1 Lght colour White Required components: F15559_HEKLA-SOCKET-I TRIDEONIC LED SLE G7 LES15 FWHM / FVTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LED2/each optic 1 Lght colour White Required components: F15559_HEKLA-SOCKET-I	-	ents:	400
TRIDONIC LED SLE G7 LES09 EWHM / FVTM Asymmetric Efficiency 89 % Peak intensity 0.8 cd/m LED vach optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C TRIDONIC EBDeface of LES13 EWHM / FVTM Asymmetric Efficiency 88 % Peak intensity 0.6 cd/m EDD/each optic 1 Light colour White Required components: E F15555_HEKLA-SOCKET-1 Image: Components F1555_HEKLA-SOCKET-1 Image: Components F15555_HEKLA-SOCKET-1 Image: Components EDD/each optic Image: Components F100000 Mite Regulared components: Image: Components F100000 Mite			
LED SLE G7 LES09 FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C TRIDONICE LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONICE LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I	Bender Wirth: 5	01 Typ L8	
LED SLE G7 LES09 FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C TRIDONICE LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONICE LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I			30* 15 ⁵ 0° 15* 30
LED SLE G7 LES09 FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C TRIDONICE LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONICE LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I	TRIDO	VIC	9°*
FWHM / FWTM Asymmetric Efficiency 99% Peak intensity 0.8 cd/m LEDS/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C TRIDEONIC LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86% Peak intensity 0.6 cd/m LEDS/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I	LED		
Efficiency 89% Peak intensity 0.8 dd/m LEDs/each optic 1 LLDs/each optic 1 LLDs/each optic 1 LEDs/each optic 1 LEDS PEAK intensity 0.6 dd/m LEDs/each optic 1 LLDs/each optic 1 LLDs/each optic 1 LEDs/each optic	FWHM / FWTM		73* 4 72
Peak intensity 0.8 cd/m LED&iseAn optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C TRIDEONICE LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LED&iseAn optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDEONICE LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LEDbeach optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I	Efficiency		
Light colour White Required components: P15255_HEKLA-SOCKET-C TRIDONIC LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 col/m LEDs/each optic 1 Light colour White Required components: P15855_HEKLA-SOCKET-1 TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 col/m LEDs/each optic 1 LEDs Subject of the sub	Peak intensity	0.8 cd/lm	60 ⁴
Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LEDs/each optic 1 LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LEDS/each optic 1 LEDS/each o	LEDs/each optic	1	
F15255_HEKLA-SOCKET-C	Light colour	White	45*
TRIDONIC LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-1 TRIDONIC LED LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components: EtG / LES15 Required components: EtG / LES15 Required components: EtG / LES15	Required compone	ents:	
LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	F15255_HEKLA	A-SOCKET-C	600
LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			
LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			30* 500 32
LED SLE G7 LES13 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			
FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-1 TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			90* 96
Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			725 72
Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-1 TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			
LEDs/each optix 1 Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optix 1 Light colour White Required components:			60 ⁴ 60
Light colour White Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	-		
Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	-		
F15859_HEKLA-SOCKET-I	-		400
TRIDONIC LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			
LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	_		
LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			000
LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:			30 ⁺ 13 ⁵ 0 ⁶ 10 ⁺ 3 ^c
LED SLE G7 LES15 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	TRIDO	NIC	50* SC
Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	LED		
Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	FWHM / FWTM	Asymmetric	
LEDs/each optic 1 Light colour White Required components:	Efficiency	86 %	69 ⁴ 66
Light colour White Required components:	Peak intensity	0.6 cd/lm	
Required components:	LEDs/each optic		
	Light colour		5° X
F15859_HEKLA-SOCKET-I			400
	F15859_HEKLA	A-SOCKET-I	
**			
			36* 32



XICATO	0	90° - 92°
LED	XOB 14.5 mm	
FWHM / FWTM	Asymmetric	27
Efficiency	87 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required compone	ents:	40
F15859_HEKLA	A-SOCKET-I	
		15 ⁴ q ⁰ 13 ⁴
XICATO	0	50' 30'
LED	XTM - 19mm LES	
FWHM / FWTM	Asymmetric	
Efficiency	83 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
C16058_XTM-A	ADAPTER-50-C	40
		137 00 137



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		90 ⁻ 90 ⁻
LED	V10 Gen7	
FWHM / FWTM	Asymmetric	79 72
Efficiency	0 %	
Peak intensity	0.8 cd/lm	w [*]
LEDs/each optic	1	
Light colour	White	
Required components		
F15255_HEKLA-S		80
1 10200_HERER 0	OUNETO	
		30* 000 30* 30*
bridgelux.		59* 9*
LED	V13 Gen7	
FWHM / FWTM	Asymmetric	32. 25.
Efficiency	86 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	g: Gt
Required components		40
F15859_HEKLA-S		
		80
		30" 15" 0° 15"
bridgelux.		50°
LED	VERO13	
FWHM / FWTM		32. 33.
FWHM / FWTM	Asymmetric 83 %	20
FWHM / FWTM Efficiency	Asymmetric	200
FWHM / FWTM Efficiency Peak intensity	Asymmetric 83 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 83 % 0.7 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 83 % 0.7 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Asymmetric 83 % 0.7 cd/lm 1 White S:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 83 % 0.7 cd/lm 1 White S:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Asymmetric 83 % 0.7 cd/lm 1 White S:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Asymmetric 83 % 0.7 cd/lm 1 White S:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Asymmetric 83 % 0.7 cd/lm 1 White S:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S	Asymmetric 83 % 0.7 cd/lm 1 White S: OCKET-K	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S	Asymmetric 83 % 0.7 cd/lm 1 White S: OCKET-K	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S	Asymmetric 83 % 0.7 cd/lm 1 White S: OCKET-K CXA/B 1830 Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S CREE CED LED FWHM / FWTM Efficiency	Asymmetric 83 % 0.7 cd/lm 1 White S: ЮСКЕТ-К СХА/В 1830 Asymmetric 86 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S C16142_HEKLA-S C16142_HEKLA-S Efficiency Peak intensity	Asymmetric 83 % 0.7 cd/lm 1 White S: CCKET-K CXA/B 1830 Asymmetric 86 % 0.7 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S C16142_HEKLA-S C16142_HEKLA-S Efficiency Peak intensity LEDs/each optic	Asymmetric 83 % 0.7 cd/lm 1 White s: CCKET-K CXA/B 1830 Asymmetric 86 % 0.7 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S C16142_HEKLA-S C16142_HEKLA-S Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 83 % 0.7 cd/lm 1 White S: CCKET-K CXA/B 1830 Asymmetric 86 % 0.7 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S C16142_HEKLA-S CREE CLED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Asymmetric 83 % 0.7 cd/lm 1 White S: OCKET-K CXA/B 1830 Asymmetric 86 % 0.7 cd/lm 1 White S:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S C16142_HEKLA-S Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S	Asymmetric 83 % 0.7 cd/lm 1 White S: OCKET-K CXA/B 1830 Asymmetric 86 % 0.7 cd/lm 1 White S: OCKET-K	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S C16142_HEKLA-S CREE CLED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Asymmetric 83 % 0.7 cd/lm 1 White S: OCKET-K CXA/B 1830 Asymmetric 86 % 0.7 cd/lm 1 White S: OCKET-K	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S CTEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C16142_HEKLA-S	Asymmetric 83 % 0.7 cd/lm 1 White S: OCKET-K CXA/B 1830 Asymmetric 86 % 0.7 cd/lm 1 White S: OCKET-K	



PHOTOMETRIC DATA (SIMULATED):

🥙 LUMILE	DS	20*
LED	LUXEON CoB L04/L05	
FWHM / FWTM	Asymmetric	
Efficiency	87 %	
Peak intensity	0.7 cd/lm	50 ^x 6
LEDs/each optic	1	
Light colour	White	47 40
Required component		
F15254_HEKLA-S		
		00
		20 ⁴ 15 ⁵ 0 ⁴ 25 ⁴ 30
	DS	99*
LED	LUXEON CoB L08	
FWHM / FWTM	Asymmetric	73
Efficiency	86 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component	S:	40
C16142_HEKLA-S	SOCKET-K	
Bender Wirth: 457	Тур L8	
		36* 600 35
		25% of 25%
LED	LUXEON CoB M02/M03	
FWHM / FWTM	Asymmetric	
Efficiency	89 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component		
F15256_HEKLA-S	OCKET-D	
	DC	
	LUXEON CoB S01	
FWHM / FWTM	Asymmetric	
Efficiency	90 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component		
F15956_HEKLA-S	OUKEI-J	



PHOTOMETRIC DATA (SIMULATED):

Μ ΝΙCΗΙΛ		50* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component F15848_HEKLA-S		
XICATO		90*
LED	XTM - 9mm LES	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	er la
Required component		
C16058_XTM-AD/	APTER-50-C	900 307 32 07 337 397



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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