

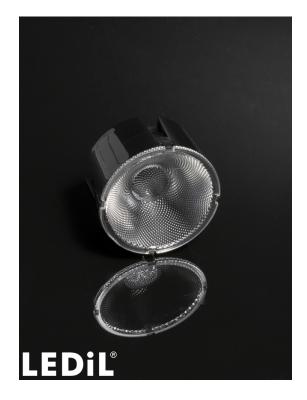
PRODUCT DATASHEET CP17402_YASMEEN-50-W-C

YASMEEN-50-W-C

~36° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

DimensionsØ 49.9 mmHeight28.1 mmROHS compliantyes ⁽¹⁾



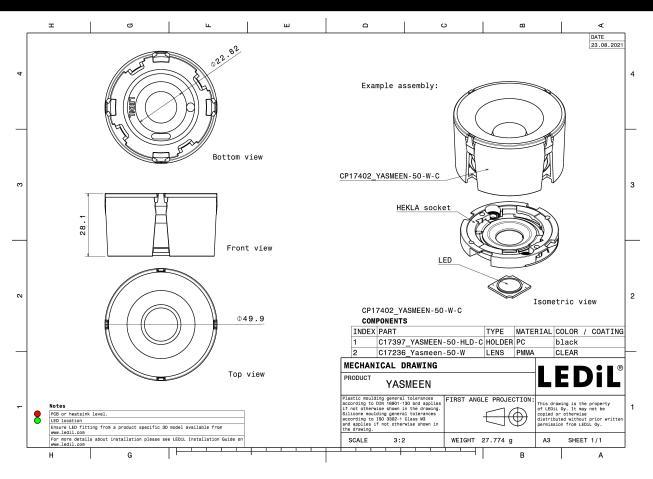
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
YASMEEN-50-W	Single lens	PMMA	clear	
YASMEEN-50-HLD-C	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17402_YASMEEN-50-W-C	Single lens	252	112	28	9.2
» Box size: 476 x 273 x 305 mm					

PRODUCT DATASHEET CP17402_YASMEEN-50-W-C



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



bridgelux.		90 ⁺
LED	V11 HD	75*
FWHM / FWTM	32.0° / 55.0°	
Efficiency	85 %	60°
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	43° 450
Required component		
Bender Wirth: 63	33d Hekla	
		2100
		36° 15° 0° 15°
bridgelux.		90* 90*
LED	V4 HD	75.
FWHM / FWTM	34.0° / 52.0°	
Efficiency	83 %	60° 60°
Peak intensity	2.4 cd/lm	$\square \land \land$
LEDs/each optic	1	
Light colour	White	43° 43°
Required compone	nts:	1000
F15253_HEKLA	-SOCKET-A	
		30 ⁴ 23,00 30 ⁴ 30 ⁴
bridgelux.		90*
LED	V6 HD	90° _
	33.0° / 52.0°	30 ⁴
LED FWHM / FWTM Efficiency		90° 90° 73° 50° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity	33.0° / 52.0°	90* 90 75* 22* 0* 00 04
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	33.0° / 52.0° 83 % 2.4 cd/lm 1	90° 90° 75' 90° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	33.0° / 52.0° 83 % 2.4 cd/lm 1 White	5 5 5 5 5 5 5 5 5 5 5 5 5 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts:	97* 97 97 97 97 97 97 97 97 97 97 97 97 97 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts:	99"
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts:	95°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA:	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA: bridgeLUX. LED	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA: bridgeLUX, LED FWHM / FWTM	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA bridgeLUX. LED FWHM / FWTM Efficiency	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0° 81 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA: bridgelux. LED FWHM / FWTM Efficiency Peak intensity	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0° 81 % 2.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0° 81 % 2.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA DFUTM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0° 81 % 2.4 cd/lm 1 White 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA: bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0° 81 % 2.4 cd/lm 1 White nts: 	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA DFUTM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0° 81 % 2.4 cd/lm 1 White nts: 	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F15255_HEKLA: bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	33.0° / 52.0° 83 % 2.4 cd/lm 1 White nts: -SOCKET-C VERO10 32.5° / 55.0° 81 % 2.4 cd/lm 1 White nts: 	



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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 Bender Wirth: 63		
bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63		
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLL02x/CLU02x (LES10) 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ints:	



CITIZE	N	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLU700/701/702 34.0° / 53.0° 83 % 2.3 cd/lm 1 White ents:	
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLU7A2 (LES 4.2mm) 34.0° / 52.0° 83 % 2.3 cd/lm 1 White ents:	
CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLU7B2 34.0° / 51.0° 83 % 2.4 cd/lm 1 White ents:	
CREE CLE	CMA1516 32.0° / 54.0° 81 % 2.4 cd/lm 1 White ents:	



	D		90*
LED FWHM / FWTM	CMT14xx 32.0° / 55.0°		37
Efficiency	80 %		60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
Peak intensity	2.4 cd/lm		
LEDs/each optic Light colour	1 White		a a a a a a a a a a a a a a a a a a a
Required compone			4600
F17435_HEKLA			
_			
			30" 200 10" 0 ⁴ 10" 3
	D		90 ⁴
LED	CMU10xx		
FWHM / FWTM	32.0° / 54.0°		
Efficiency	86 %		60 ⁰
Peak intensity	2.6 cd/lm		
LEDs/each optic	1		
Light colour	White		er (* 1600 - 1600 - 170
Required compone			
F17435_HEKLA	A-G2-C		
			2490
			20 ⁴ 125 ⁴ 0 ⁴ 15 ⁴ 30
	_		
			90*
LED	CXA/B 13xx		90 ⁴ 97
LED FWHM / FWTM	CXA/B 13xx 34.0° / 52.0°		90* × ×
LED FWHM / FWTM Efficiency	CXA/B 13xx 34.0° / 52.0° 84 %		50° X
LED FWHM / FWTM Efficiency Peak intensity	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm		50 ⁴ 50 73 ⁵ 73 6) ⁴ 500 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White		90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents:		50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents:		90* 90 73* 75 94 90 94 90 94 90 90 90 90 90 90 90 90 90 90 90 90 90 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents:		90* 90 727 72 60* 260 70* 260 70* 260
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: L-G2-J		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: A-G2-J		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: t-G2-J CXA/B 15xx		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: G2-J CXA/B 15xx 33.0° / 54.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: G2-J CXA/B 15xx 33.0° / 54.0° 81 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: G2-J CXA/B 15xx 33.0° / 54.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: G2-J CXA/B 15xx 33.0° / 54.0° 81 % 2.4 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: G2-J CXA/B 15xx 33.0° / 54.0° 81 % 2.4 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: -G2-J CXA/B 15xx 33.0° / 54.0° 81 % 2.4 cd/lm 1 White ents:		90* X
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: -G2-J CXA/B 15xx 33.0° / 54.0° 81 % 2.4 cd/lm 1 White ents:		90* X
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 13xx 34.0° / 52.0° 84 % 2.4 cd/lm 1 White ents: -G2-J CXA/B 15xx 33.0° / 54.0° 81 % 2.4 cd/lm 1 White ents:		90* X



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA		
		115 ⁴ Q ^b 25 ⁵
CUMIL LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB 1202/1203 32.0° / 54.0° 80 % 2.4 cd/lm	90 ⁴ 90 ⁴
LEDs/each optic Light colour Required compone	1 White	g. <u>100</u> g.
F17437_HEKLA		30- 107 0- 17-
UMIL	.EDS	30 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1204HD 31.0° / 53.0° 80 % 2.4 cd/lm 1	90 90 90 90 90
Light colour Required compone F17437_HEKLA		e [*] 255 24 [*] 257 2 [*] 257
UMIL	.EDS	90 ⁴
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB M02/M03 32.0° / 54.0° 81 % 2.4 cd/lm	80 ⁴ - 00 - 00
LEDs/each optic Light colour Required compone F17436_HEKLA		er - 200
		34* <u>35</u> 6 * 35*



UMIL	.EDS	90 ⁺
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA		
	INUS	50 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CXM-3 33.0° / 51.0° 83 % 2.4 cd/lm 1 White ents:	
	INUS	90 ⁴ 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CXM-4 33.0° / 51.0° 83 % 2.4 cd/lm 1 White ents: I-G2-C	
ØNICHI∕	N	20 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA	COB L-Type (LES 9) 32.0° / 54.0° 80 % 2.4 cd/lm 1 White ents:	



ØNICHI/	N Contraction of the second seco	50 ⁴
LED	COB S-Type (LES 7)	
FWHM / FWTM	34.0° / 54.0°	27
Efficiency	83 %	
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	er et
Required compone	ents:	
F15848_HEKLA		
		30" 200 31
		15 ⁵ 0 ⁴ 15 ⁵
PHILI	25	50°
LED	Fortimo SLM L09 CoB	
FWHM / FWTM	32.0° / 53.0°	
Efficiency	80 %	60× 500 500
Peak intensity	2.4 cd/lm	
LEDs/each optic	1	
Light colour	White	gr at
Required compone	ents:	
F17437_HEKLA	A-G2-H	
		34*
0.0.0.0		135 ⁷ q ² 35 ⁵
SAMS	JNG	<u>30*</u> <u>30*</u>
LED	U IV U LC003D / LC006D / LC009D / LC013D	99 ⁴ 99 ⁴ 99 ⁴
	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0°	26. 26.
LED FWHM / FWTM Efficiency	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 %	94 ⁴ 99 ⁵ 77 ⁵ 75 ⁶
LED FWHM / FWTM Efficiency Peak intensity	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm	94 ⁴ 94 ⁵ 78 ⁴ 79 ⁴ 90 66 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1	90 ⁴ 000 00 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White	e
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents:	250)
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents:	92 ⁴ 92 77 77 77 77 79 79 79 79 79 79 79 79 79
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents:	90* 94* 72* 200 97* 200 97* 200 2500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: k-G2-C	94 [*] 99 [*]
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: k-G2-C MJT COB LES 6	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: L-G2-C MJT COB LES 6 34.0° / 53.0°	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 % 2.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 % 2.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 % 2.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA secon senconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 % 2.3 cd/lm 1 White ents:	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 % 2.3 cd/lm 1 White ents:	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA secon senconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 % 2.3 cd/lm 1 White ents:	2000 2000 2000 2000 2000 2000 2000 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA secon senconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC003D / LC006D / LC009D / LC013D 32.0° / 55.0° 80 % 2.3 cd/lm 1 White ents: A-G2-C MJT COB LES 6 34.0° / 53.0° 83 % 2.3 cd/lm 1 White ents:	2000 2000 2000 2000 2000 2000 2000 200



			90* 90*
LED	MJT COB LES 9.8		
FWHM / FWTM	32.0° / 55.0°		25'
Efficiency	80 %		000 000 000 ⁴
Peak intensity	2.4 cd/lm		$\square \land \land$
LEDs/each optic	1		
Light colour	White		43° 43°
Required compone	ents:		
F17435_HEKL#	A-G2-C		
			36. 200
			15% 0 [%] 35%
TRIDO	VIC		90* 90*
LED	SLE G7 LES09		
FWHM / FWTM	32.0° / 54.0°		
Efficiency			
Emoleney	81 %		807 80.
Peak intensity	81 % 2.4 cd/lm		907 000 00°
Peak intensity	2.4 cd/lm		
Peak intensity LEDs/each optic	2.4 cd/lm 1 White		
Peak intensity LEDs/each optic Light colour	2.4 cd/lm 1 White ents:		
Peak intensity LEDs/each optic Light colour Required compone	2.4 cd/lm 1 White ents:		
Peak intensity LEDs/each optic Light colour Required compone	2.4 cd/lm 1 White ents:		



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		50° 50°
LED	V6 HD	
FWHM / FWTM	38.0° / 54.0°	73*
Efficiency	90 %	
Peak intensity	2.3 cd/lm	60° 60°
	1	
LEDs/each optic	u White	95 ⁴
Light colour Required components:	White	1690
F17435_HEKLA-G2·	C	
1 17405_HEREA-02-	0	
		30° 24bo 30° 35°
bridgelux		90* 90*
LED	Vero SE 13	
FWHM / FWTM	30.0° / 52.0°	75
Efficiency	74 %	
Peak intensity	2.4 cd/lm	
LEDs/each optic	1	$ \times / \rightarrow \times $
Light colour	White	ga* ga*
Required components:		1630
C16142_HEKLA-SO	CKET-K	
		30° 30°
		15% 0% 15%
DHILIDS		*et %0 /ett /0
PHILIPS		90° 10° 10°
LED	Fortimo SLM L15 CoB	32 4 32 34 35 35
LED FWHM / FWTM	Fortimo SLM L15 CoB 37.0° / 62.0°	37 4 37 38 40 37
LED FWHM / FWTM Efficiency	Fortimo SLM L15 CoB 37.0° / 62.0° 81 %	60 90 90 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm	00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1	27 0 29 26 26 26 26 26 26 26 26 26 26 26 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm	er 12% 12% 12% 12% 12% 12% 12% 12%
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White	23 4 23 64 60 94 75 60 94 76 120 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White	23 ⁷ 0 ⁴ 23 ⁷ 9 ⁴ 9 ⁴ 9 ⁴ 9 ⁵ 9 ⁶ 9 ⁶ 12 ⁷ 12 ⁷ 0 ⁶ 0 ⁷
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White	157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL	20) 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL	No. No. No. No. No. No. No. No. No. No.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0°	30° 30° 30° 30° 30° 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM Efficiency	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0° 79 %	30° 30° 30° 30° 30° 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM Efficiency Peak intensity	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0°	30° 30° 30° 30° 30° 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0° 79 % 1.8 cd/lm 1	30° 30° 30° 30° 30° 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0° 79 % 1.8 cd/lm	1500 30 ¹ 30 ¹ 30 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0° 79 % 1.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0° 79 % 1.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I Bender Wirth: 632a I ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo SLM L15 CoB 37.0° / 62.0° 81 % 1.9 cd/lm 1 White Hekla XL Fortimo SLM L15 CoB 38.0° / 64.0° 79 % 1.8 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

LED SLE G7 LES13 FWHM / FWTM 36.0° / 60.0° Efficiency 83 % Peak intensity 2.1 cd/m LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-J	90*
FWHM / FWTM 36.0° / 60.0° Efficiency 83 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components: ***	1
Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components: ************************************	~
Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:	\square
Light colour White Required components:	
Required components:	
1600	45
F17438_HEKLA-G2-I	
	1 2



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:

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