

PRODUCT DATASHEET CP17692_AMY-50-WW-C

AMY-50-WW-C

~60° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

DimensionsØ 49.9 mmHeight13.1 mmROHS compliantyes ^①



Colour

clear

black

Finish

MATERIAL SPECIFICATIONS:

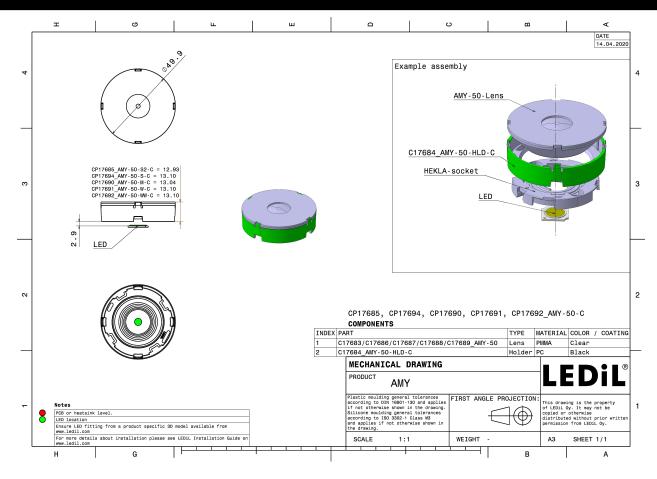
Component AMY-50-WW AMY-50-HLD-C

Туре	Material
Single lens	PMMA
Holder	PC

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17692_AMY-50-WW-C	510	120	30	8.2
» Box size: 480 x 280 x 300 mm				





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



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 F15255_HEKLA	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	



bridgelux.		90*	90*
LED	VERO10		
FWHM / FWTM	58.0° / 77.0°		
Efficiency	92 %		V
Peak intensity	1.1 cd/lm		Λ \sim 7
LEDs/each optic	1		$\Lambda \times$
Light colour	White	e	45.
Required compone	ints:		
F15616_HEKLA			
		200 320 1200	30°
bridgelux.		90*	90*
LED	Vacta DTW/ 12mm (21\M)		
LED FWHM / FWTM	Vesta DTW 13mm (21W) 53.0° / 78.0°	75	
Efficiency	53.0° / 78.0° 89 %		$\langle \rangle$
Peak intensity	89 % 1.2 cd/lm		60*
			$\wedge \sim \wedge$
LEDs/each optic	1		
Light colour	White		
Required compone			
C16142_HEKLA			
Bender Wirth: 49	91 Typ L8		
		30' 2230	15°
		157 07	
bridgelux.		30 ⁴	90*
bridgelux. LED	Vesta DTW 15mm (33W)		90*
	Vesta DTW 15mm (33W) 52.0° / 78.0°	25° 6°	30,
LED			50°
LED FWHM / FWTM	52.0° / 78.0°		20°
LED FWHM / FWTM Efficiency	52.0° / 78.0° 89 %		
LED FWHM / FWTM Efficiency Peak intensity	52.0° / 78.0° 89 % 1.2 cd/lm		94 95 80
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	52.0° / 78.0° 89 % 1.2 cd/lm 1 White		29 99 99 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	52.0° / 78.0° 89 % 1.2 cd/lm 1 White ints:		92°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	52.0° / 78.0° 89 % 1.2 cd/lm 1 White Ints: SOCKET-K		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	52.0° / 78.0° 89 % 1.2 cd/lm 1 White Ints: SOCKET-K		29 49 49 49 49 49 49 49 49 49 49 49 49 49
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45	52.0° / 78.0° 89 % 1.2 cd/lm 1 White Ints: SOCKET-K		92 23 25 25 25 25 25 25 25 25 25 25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 49	52.0° / 78.0° 89 % 1.2 cd/lm 1 White Ints: INSOCKET-K 91 Typ L8		99°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 49 bridgelux LED	52.0° / 78.0° 89 % 1.2 cd/lm 1 White Ints: SOCKET-K 91 Typ L8 Vesta TW 13mm (18W) DP		20 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgelux LED FWHM / FWTM	52.0° / 78.0° 89 % 1.2 cd/lm 1 White Ints: INSOCKET-K 91 Typ L8		100 100 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgeLux. LED FWHM / FWTM Efficiency	52.0° / 78.0° 89 % 1.2 cd/lm 1 White white SOCKET-K 91 Typ L8 Vesta TW 13mm (18W) DP 54.0° / 80.0° 89 %		194 194 194 194 194 194 194 194 194 194
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	52.0° / 78.0° 89 % 1.2 cd/lm 1 White I SOCKET-K 91 Typ L8 Vesta TW 13mm (18W) DP 54.0° / 80.0°		194 194 194 194 194 194 194 194 194 194
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	52.0° / 78.0° 89 % 1.2 cd/lm 1 White I SOCKET-K 91 Typ L8 Vesta TW 13mm (18W) DP 54.0° / 80.0° 89 % 1.1 cd/lm 1		100
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	52.0° / 78.0° 89 % 1.2 cd/lm 1 White I White White White White Vesta TW 13mm (18W) DP 54.0° / 80.0° 89 % 1.1 cd/lm 1 Tunable White		29 29 29 29 29 29 29 29 29 29
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	52.0° / 78.0° 89 % 1.2 cd/lm 1 White I White		29 19 19 19 19 19 19 19 19 19 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 Required compone C16142_HEKLA	52.0° / 78.0° 89 % 1.2 cd/lm 1 White I White SOCKET-K 91 Typ L8 Vesta TW 13mm (18W) DP 54.0° / 80.0° 89 % 1.1 cd/lm 1 Tunable White I SOCKET-K		22 24 25 25 25 25 25 25 25 25 25 25 25 25 25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 45 bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	52.0° / 78.0° 89 % 1.2 cd/lm 1 White I White SOCKET-K 91 Typ L8 Vesta TW 13mm (18W) DP 54.0° / 80.0° 89 % 1.1 cd/lm 1 Tunable White I SOCKET-K		20 10 10 10 10 10 10 10 10 10 1



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4	A-SOCKET-K	
		30 ⁵ 120 120 120 120 120 120 120 120 120
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50	A-SOCKET-K	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4	A-SOCKET-K	
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLL02x/CLU02x (LES10) 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents:	

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CITIZE	NT	
		90° 90°
LED	CLL03x/CLU03x	75*
FWHM / FWTM	55.0° / 80.0°	
Efficiency	90 %	60* 400 60
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	er e
Required componer		
F17438_HEKLA-	G2-I	
		K N N X
		30° 35° 35°
CITIZE	N	90*
LED	CLU700/701/702	
FWHM / FWTM	58.0° / 75.0°	75*
Efficiency	92 %	
Peak intensity	1.2 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	97°
Required componer		
F17435_HEKLA-		
		346 1220
		15° 0° 15°
H		
CITIZE	N	90* 90*
	N CLU7A2 (LES 4.2mm)	30* 30'
		30 ¹ 75
LED	CLU7A2 (LES 4.2mm)	100 000 000 000 000 000 000 000 000 000
LED FWHM / FWTM	CLU7A2 (LES 4.2mm) 58.0° / 74.0°	99 ⁴ 99 ⁴ 99 ⁴ 99 99 99 99 99 99 99 99 99 99 99 99 99
LED FWHM / FWTM Efficiency	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 %	99 ⁴ 75 ⁵ 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29
LED FWHM / FWTM Efficiency Peak intensity	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/m	99 ⁴ 72 ⁵ 60 ⁴ 60 ⁴ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White	90 ⁴ 75 ⁵ 90 ⁴ 90 ⁴ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White	90 ⁴ 22 22 22 22 25 25 25 25 25 25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA-	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA-	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA-	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C N CLU7B2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA-	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C N CLU7B2 58.0° / 73.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA- CITTIZEC LED FWHM / FWTM Efficiency	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C N CLU7B2 58.0° / 73.0° 92 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA- CITTIZE LED FWHM / FWTM Efficiency Peak intensity	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White hts: G2-C N CLU7B2 58.0° / 73.0° 92 % 1.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA- CITTIZEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White hts: G2-C N CLU7B2 58.0° / 73.0° 92 % 1.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA- CITTIZEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C N CLU7B2 58.0° / 73.0° 92 % 1.2 cd/lm 1 White 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA- CITTIZEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA- CITTIZEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F17435_HEKLA- CITTIZEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	CLU7A2 (LES 4.2mm) 58.0° / 74.0° 92 % 1.2 cd/lm 1 White tts: G2-C	



	D		90° 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17436_HEKLA	CMA1516 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents:		5 ³⁴ 5 ³⁵ 5 ³⁶ 5 ³⁷ 5 ³⁷ 6 ³⁷ 7
			90* 100 100 X
LED	CMA1825		75
FWHM / FWTM	58.0° / 80.0°		
Efficiency	91 %		60° 60
Peak intensity LEDs/each optic	1.1 cd/lm 1		
Light colour	White		
Required compone			
F15254_HEKLA			
			30
	0		
LED	CMT14xx		
LED FWHM / FWTM	CMT14xx 57.0° / 77.0°		
LED FWHM / FWTM Efficiency	CMT14xx		
LED FWHM / FWTM Efficiency	CMT14xx 57.0° / 77.0° 91 %		
LED FWHM / FWTM Efficiency Peak intensity	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: L-G2-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: L-G2-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: G2-C		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: G2-C CMT19xx 56.0° / 81.0° 90 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: -G2-C CMT19xx 56.0° / 81.0° 90 % 1.1 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: -G2-C CMT19xx 56.0° / 81.0° 90 % 1.1 cd/lm 1		89 39 ⁴ 15 ¹ 15 ² 15 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: -G2-C CMT19xx 56.0° / 81.0° 90 % 1.1 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMT14xx 57.0° / 77.0° 91 % 1.1 cd/lm 1 White ents: A-G2-C CMT19xx 56.0° / 81.0° 90 % 1.1 cd/lm 1 White ents:		89 39 ⁴ 15 ¹ 15 ² 15 ²



		50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CMU10xx 57.0° / 76.0° 91 % 1.2 cd/lm 1 White hts:	
		20 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17439_HEKLA	CXA/B 13xx 58.0° / 75.0° 93 % 1.2 cd/lm 1 White hts:	27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17436_HEKLA	CXA/B 15xx 58.0° / 77.0° 92 % 1.1 cd/lm 1 White nts:	97* 97* 97* 99* 99* 99*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA		



🕙 LUMILI	EDS	»»*	90%
LED	LUXEON CoB 1202/1203		
FWHM / FWTM	56.0° / 75.0°		~
Efficiency	91 %	40	60
Peak intensity	1.2 cd/lm		
LEDs/each optic	1		
Light colour	White	ar an	45
Required componen	its:	80	
F17437_HEKLA-(G2-H		
		30 ⁺ 1200 12 ⁻ 0 ⁴ 13 ⁻	36
	EDS	50*	90'
LED	LUXEON CoB 1204HD		
FWHM / FWTM	56.0° / 76.0°		75'
Efficiency	91 %		1
Peak intensity	1.2 cd/lm		60
LEDs/each optic	1		
Light colour	White	er and a second s	45
Required componen	its:		
F17437_HEKLA-0			
		30* 120	36,
		135 ⁴ 0 ⁴ 15 ⁴	
	FDS	54	905
		95*	90
LED	LUXEON CoB M02/M03	50 ⁴	90
LED FWHM / FWTM	LUXEON CoB M02/M03 58.0° / 77.0°	39*	30
LED FWHM / FWTM Efficiency	LUXEON CoB M02/M03 58.0° / 77.0° 92 %	25* 25* 69*	90
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm	99* 25- 69- 00- 00-	90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1	5° 5° 5°	90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White	59° 59° 59° 59° 50° 50°	90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts:	59° 75 68° 68° 68° 68° 68° 68° 68° 68° 68° 68°	90 73 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts:	5° 5° 60° 60°	99 73 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts:		39 60 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-0	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D		99 75 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-0	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D		20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-0	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01	135 ⁴ 0 ⁴ 135 ⁴	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-O	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0°	135 ⁴ 0 ⁴ 135 ⁴	29 23 30 30 30 30 30 30 30 30 30 30 30 30 30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-O	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0° 92 %	135 ⁴ 0 ⁴ 135 ⁴	29 73 73 73 75 75 75 75 75 75 75 75 75 75 75 75 75
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-O	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0° 92 % 1.2 cd/lm	135 ⁴ 0 ⁴ 135 ⁴	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-0 WWW LEDS/Each Optic	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0° 92 % 1.2 cd/lm 1	135 ⁴ 0 ⁴ 135 ⁴	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA- WWW / HEKLA- Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0° 92 % 1.2 cd/lm 1 White	135 ⁴ 0 ⁴ 135 ⁴	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-I	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0° 92 % 1.2 cd/lm 1 White tts:	135 ⁴ 0 ⁴ 135 ⁴	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA- WWW / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0° 92 % 1.2 cd/lm 1 White tts:	135 ⁴ 0 ⁴ 135 ⁴	99 75 60 60 63 63 63 63 63 65 65 65 65 65 65 65 65 65 66 66 66 66
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17436_HEKLA-I	LUXEON CoB M02/M03 58.0° / 77.0° 92 % 1.2 cd/lm 1 White tts: G2-D EDS LUXEON CoB S01 58.0° / 75.0° 92 % 1.2 cd/lm 1 White tts:	135 ⁴ 0 ⁴ 135 ⁴	



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C LUMI	NUS	90* 90*
LED	CXM-3	
FWHM / FWTM	58.0° / 74.0°	28. 24.
Efficiency	92 %	
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	a.
Required compone	nts:	
F17435_HEKLA		
		30° 30°
		 15° 0° 15°
	NUS	50*
LED	CXM-4	
FWHM / FWTM	58.0° / 74.0°	
Efficiency	92 %	60° 60°
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	a. a.
Required compone	nts:	
F17435_HEKLA	G2-C	
		30° 320
		155 0 ⁴ 155
∕ MICHI∧		94 ⁴
LED	COB L-Type (LES 11)	20 0, 20 90* 90*
LED FWHM / FWTM	COB L-Type (LES 11) 56.0° / 78.0°	30, 0, 30, 30, 0, 30,
LED FWHM / FWTM Efficiency	COB L-Type (LES 11) 56.0° / 78.0° 91 %	50, 700 70, 30, 6, 72,
LED FWHM / FWTM Efficiency Peak intensity	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm	60 ⁴ 60 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1	60° 60° 60° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White	gr gr gr gr gr to to to to to to to to to to
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White	235 [°] 0 [°] 15 [°] 9 [°] 9 [°] 9 [°] 9 [°] 9 [°] 9 [°] 9 [°] 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White	23 ⁵ e ² 25 ⁵ 24 25 25 26 40 40 40 40 40 40 40 40 40 40
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White	23 ⁵ e ² 25 ⁵ 8 ⁵ 9 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White	21 ⁴ 12 ⁶ 12 ⁶ 22 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component F17437_HEKLA	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White nts: G2-H	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17437_HEKLA	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H	900 30 ⁴ 12 ⁵⁰ 12 ⁵⁰ 12 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White nts: G2-H COB L-Type (LES 9)	900 30 ⁴ 12 ⁵⁰ 12 ⁵⁰ 12 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0°	900 30 ⁴ 12 ⁵⁰ 12 ⁵⁰ 12 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0° 91 %	900 30 ⁴ 12 ⁵⁰ 12 ⁵⁰ 12 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0° 91 % 1.1 cd/lm	900 30 ⁴ 12 ⁵⁰ 12 ⁵⁰ 12 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0° 91 % 1.1 cd/lm 1	900 30 ⁴ 12 ⁵⁰ 12 ⁵⁰ 12 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0° 91 % 1.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0° 91 % 1.1 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0° 91 % 1.1 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17437_HEKLA:	COB L-Type (LES 11) 56.0° / 78.0° 91 % 1.1 cd/lm 1 White hts: G2-H COB L-Type (LES 9) 57.0° / 76.0° 91 % 1.1 cd/lm 1 White hts:	



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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	COB S-Type (LES 7) 59.0° / 76.0° 92 % 1.1 cd/lm 1 White nts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA	Fortimo SLM L09 CoB 56.0° / 76.0° 91 % 1.2 cd/lm 1 White nts:	
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	LC003D / LC006D / LC009D / LC013D 57.0° / 77.0° 91 % 1.1 cd/lm 1 White nts:	
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	LC016D / LC019D / LC026D / LC033D 56.0° / 82.0° 90 % 1.1 cd/lm 1 White nts:	



S ΛΜS	JNG		
LED	LC030C/040C G2		
FWHM / FWTM	56.0° / 78.0°		550
Efficiency	91 %		100
Peak intensity	1.1 cd/lm		700
LEDs/each optic	1		600 -
Light colour	White		599
Required compone	ents:		••••••••••••••••••••••••••••••••••••••
F17438_HEKLA			100
			200 -
SEOUL			-men -men -men -men -men -men -men -men
SEOUL SEMICONDUCTOR			90°
LED	MJT COB LES 14.5		75
FWHM / FWTM	56.0° / 82.0°		
Efficiency	90 %		695
Peak intensity	1.1 cd/lm		
LEDs/each optic	1		
Light colour	White		42.
Required compone			
F17438_HEKLA	-G2-I		
			30°
SEOUL			90*
(⊢I)	MILICOBLES 6		
	MJT COB LES 6 58.0° / 75.0°		75
FWHM / FWTM	58.0° / 75.0°		
FWHM / FWTM Efficiency	58.0° / 75.0° 92 %		<u>6</u> 1
FWHM / FWTM Efficiency Peak intensity	58.0° / 75.0° 92 % 1.2 cd/lm		Ri.
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	58.0° / 75.0° 92 % 1.2 cd/lm 1		75' 101' 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	58.0° / 75.0° 92 % 1.2 cd/lm 1 White		75' (c) c· 00
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents:		72: w: o: 00-
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents:		g. g.
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents:		24. 6. 6. 72. 72. 72.
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents:		27 0° 23 27 0° 23
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents:		2°-
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8 57.0° / 77.0°		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	58.0° / 75.0° 92 % 1.2 cd/lm 1 White onts: -G2-C MJT COB LES 9.8 57.0° / 77.0° 92 %		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8 57.0° / 77.0° 92 % 1.1 cd/lm		
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	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8 57.0° / 77.0° 92 % 1.1 cd/lm 1		
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	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8 57.0° / 77.0° 92 % 1.1 cd/lm 1 White		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA seous semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8 57.0° / 77.0° 92 % 1.1 cd/lm 1 White ents:		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA stous stanconductor EDS SEQUE STANCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8 57.0° / 77.0° 92 % 1.1 cd/lm 1 White ents:		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA stout structure LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	58.0° / 75.0° 92 % 1.2 cd/lm 1 White ents: -G2-C MJT COB LES 9.8 57.0° / 77.0° 92 % 1.1 cd/lm 1 White ents:		



TRIDOM	VIC	90 ⁺ 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15848_HEKLA	SLE G7 LES09 57.0° / 76.0° 92 % 1.1 cd/lm 1 White ents:	
TRIDON		29*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	SLE G7 LES13 56.0° / 80.0° 90 % 1.1 cd/lm 1 White ents: A-G2-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	SLE G7 LES15 55.0° / 81.0° 90 % 1.1 cd/lm 1 White ents:	



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		90°
LED	V8 Gen7	7"
FWHM / FWTM	61.0° / 78.0°	
Efficiency	90 %	84
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	5°
Required components	S:	
F15253_HEKLA-SOCKET-A		
		3 ¹⁰ 3 ¹
		129 dy 129
OSRAM Opto Semiconductors		50 ⁴ 50 ⁴
LED	Soleriq S15	
FWHM / FWTM	58.0° / 83.0°	
Efficiency	89 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	White	9°
Required components	S:	
F17438_HEKLA-G2-I		



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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