

PRODUCT DATASHEET CP17694_AMY-50-S-C

AMY-50-S-C

~18° spot beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	13 mm
Fastening	socket
ROHS compliant	yes 🛈



Colour

black

Finish

MATERIAL SPECIFICATIONS:

Component
AMY-50-S
AMY-50-HLD-C

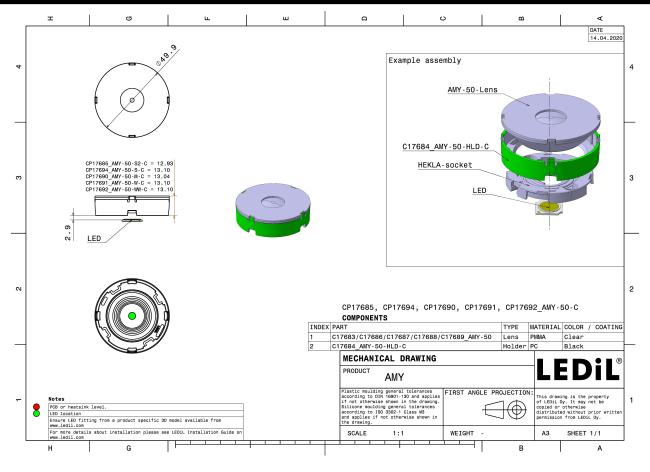
Туре	Material
Single lens	PMMA
Holder	PC

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17694_AMY-50-S-C	510	120	30	9.1
» Box size: 480 x 280 x 300 mm				



PRODUCT DATASHEET CP17694_AMY-50-S-C



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 F15255_HEKLA		30. 32. 64/0 32. 60. 30.0 40.0 40.0 60. 30.0 40.0 40.0 60. 30.0 40.0 40.0
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63		30° 30° 50° 50° 50° 50° 50° 50° 50° 5
bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA		30 30 40 50 50 50 50 50 50 50 50 50 5
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15253_HEKLA		



bridgelux. LED	V6 HD Gen 7	94* 99* 99*
FWHM / FWTM	12.0° / 28.0°	$ \land \land$
Efficiency	92 %	2000 60°
Peak intensity	11 cd/lm	$[X / (] \land X]$
LEDs/each optic	1	
Light colour	White	43 ¹⁰ 65%
Required componer	nts:	
F15255_HEKLA-	SOCKET-C	
		30° 20° 0° 30°
bridgelux.		50°
LED	V8 Gen 8	75
FWHM / FWTM	16.0° / 35.0°	1000
Efficiency	92 %	60* 60*
Peak intensity	7.3 cd/lm	220
LEDs/each optic	1	
Light colour	White	4530
Required componer		
F15253_HEKLA-	SOCKET-A	
		90 ⁶
bridgelux		30 ⁴ 00 ¹⁰ 30 ⁴
bridgelux.	VQ HD Gen7	
LED	V9 HD Gen7 16.0° / 33.0°	
LED FWHM / FWTM	16.0° / 33.0°	
LED FWHM / FWTM Efficiency	16.0° / 33.0° 90 %	60,4 23,2 26,4 26,4 26,4 26,4 26,4 26,4 26,4 26
LED FWHM / FWTM Efficiency Peak intensity	16.0° / 33.0° 90 % 7.4 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	16.0° / 33.0° 90 % 7.4 cd/lm 1	90 ⁴ 95 ⁴ 97 97 90 ⁴ 90 ⁴ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 33.0° 90 % 7.4 cd/lm 1 White	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	16.0° / 33.0° 90 % 7.4 cd/lm 1 White nts:	90 ⁴ 90 ⁴ 90 ⁴ 90 ⁵ 90 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 33.0° 90 % 7.4 cd/lm 1 White nts:	90 ⁴ 95 ⁴ 97 97 90 ⁴ 90 ⁴ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	16.0° / 33.0° 90 % 7.4 cd/lm 1 White nts:	90 ⁴ 90 ⁴ 90 ⁴ 90 ⁵ 90 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	16.0° / 33.0° 90 % 7.4 cd/lm 1 White nts:	90 ⁴ 99 ⁷ 72 ⁷ 90 ⁷ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I	20 ⁴ 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA-	16.0° / 33.0° 90 % 7.4 cd/lm 1 White nts: SOCKET-I VERO10	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA- bridgelux LED FWHM / FWTM	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I VERO10 17.0° / 36.0°	20, 20,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA- bridgeLUX. LED FWHM / FWTM Efficiency	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I VERO10 17.0° / 36.0° 90 %	20, 20,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA- Drdgelux. LED FWHM / FWTM Efficiency Peak intensity	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I VERO10 17.0° / 36.0° 90 % 6.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA- bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I VERO10 17.0° / 36.0° 90 % 6.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA- bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I VERO10 17.0° / 36.0° 90 % 6.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA- bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I VERO10 17.0° / 36.0° 90 % 6.7 cd/lm 1 White hts: SOCKET-I	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer F15859_HEKLA- bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 33.0° 90 % 7.4 cd/lm 1 White hts: SOCKET-I VERO10 17.0° / 36.0° 90 % 6.7 cd/lm 1 White hts: SOCKET-I	



bridgelux.		50° 50°
LED	Vesta DTW 13mm (21W)	
FWHM / FWTM	27.0° / 49.0°	79
Efficiency	86 %	
Peak intensity	3.1 cd/lm	
LEDs/each optic	1	
Light colour	White	e. / /
Required compone	ents:	
C16142_HEKLA		200
Bender Wirth: 4		
		20 ⁴ 20 ⁴ 20 ⁴
bridgelux.		50* 55 [*]
LED	Vesta DTW 15mm (33W)	
FWHM / FWTM	24.0° / 49.0°	
Efficiency	86 %	
Peak intensity	3.5 cd/lm	
LEDs/each optic	1	
Light colour	White	gr. er
Required compone	ents:	
C16142_HEKLA	A-SOCKET-K	
Bender Wirth: 4	91 Typ L8	500
		30° 12° 0° 12°
bridgelux.		<u>50'</u>
LED	Vesta TW 13mm (18W) DP	
	Vesta TW 13mm (18W) DP 25.0° / 49.0°	75
LED		37 37 37
LED FWHM / FWTM	25.0° / 49.0°	64
LED FWHM / FWTM Efficiency	25.0° / 49.0° 86 %	97
LED FWHM / FWTM Efficiency Peak intensity	25.0° / 49.0° 86 % 3.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White	6)*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents:	ar ar
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K	ar ar 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K	ar ar 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K	ar ar 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/ Bender Wirth: 4	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 4	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/ Bender Wirth: 4 bridgelux LED FWHM / FWTM Efficiency Peak intensity	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8 Vesta TW 15mm DP 30.0° / 55.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/ Bender Wirth: 4 bridgeLux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8 Vesta TW 15mm DP 30.0° / 55.0° 85 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/ Bender Wirth: 4: bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8 Vesta TW 15mm DP 30.0° / 55.0° 85 % 2.5 cd/lm 1 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/ Bender Wirth: 4 bridgeLux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8 Vesta TW 15mm DP 30.0° / 55.0° 85 % 2.5 cd/lm 1 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4 Bender Wirth: 4 Dridgelux, LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8 Vesta TW 15mm DP 30.0° / 55.0° 85 % 2.5 cd/lm 1 Tunable White ents: A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL/ Bender Wirth: 4 bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8 Vesta TW 15mm DP 30.0° / 55.0° 85 % 2.5 cd/lm 1 Tunable White ents: A-SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4 Bender Wirth: 4 Dridgelux, LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4	25.0° / 49.0° 86 % 3.3 cd/lm 1 Tunable White ents: A-SOCKET-K 92 Typ L8 Vesta TW 15mm DP 30.0° / 55.0° 85 % 2.5 cd/lm 1 Tunable White ents: A-SOCKET-K	



bridgelux.		90°
LED	Vesta TW 6mm DP	
FWHM / FWTM	13.0° / 28.0°	
Efficiency	90 %	
Peak intensity	10.8 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	gr 6000
Required compone		
C16142_HEKLA		
Bender Wirth: 5		800
Donadi Wilai. 0		
		12 ⁵ 0 ⁴ 12 ⁵
bridgelux.		90°
LED	Vesta TW 9mm (9W) DP	75
FWHM / FWTM	18.0° / 36.0°	
Efficiency	88 %	
Peak intensity	6.2 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	
Required compone	nts:	
C16142_HEKLA	-SOCKET-K	400
Bender Wirth: 4	39 Typ L8	
		30° 600 30
		15° 0° 35°
CITIZE	Ν	50°
LED	CLL02x/CLU02x (LES10)	
FWHM / FWTM	18.0° / 36.0°	27
Efficiency	89 %	
Peak intensity	6.1 cd/lm	
LEDs/each optic	1	
Light colour	White	g de la companya de la company
Required compone	nts:	
F17435_HEKLA	-G2-C	400
		30° 6450 30°
OTTIT	NT	2001 op 1000
CITIZE		90° 90°
LED	CLL03x/CLU03x	75
FWHM / FWTM	26.0° / 50.0°	
Efficiency	86 %	50° (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Peak intensity	3.1 cd/lm	
LEDs/each optic	1	
Light colour	White	gr / / er
Required compone	nts:	
F17438_HEKLA	C2 I	
	-02-1	
	-02-1	\times / \setminus / \times
	-92-1	20' 200 340



CITIZE	N	90 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLU700/701/702/703 13.0° / 28.0° 90 % 11.2 cd/lm 1 White ents:	20 00 00 00 00 00 00 00 00 00
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLU7A2/7A3 10.0° / 23.0° 91 % 15.3 cd/lm 1 White ents:	50°
CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLU7B2 9.0° / 22.0° 91 % 18.2 cd/lm 1 White ents:	
CREE CLEI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17436_HEKLA	CMA1516 17.0° / 35.0° 90 % 6.7 cd/lm 1 White ents:	



	D	90° 90
LED	CMA1825	
FWHM / FWTM	23.0° / 45.0°	75
Efficiency	89 %	
Peak intensity	4 cd/lm	- 1600
LEDs/each optic	1	
Light colour	White	42* 45
Required compone	ents:	
F15254_HEKLA		3200
		30 ⁴ 155 0 ⁴ 155
	D	90*
LED	CMT14xx	
FWHM / FWTM	18.0° / 37.0°	75'
Efficiency	89 %	
Peak intensity	6.2 cd/lm	
LEDs/each optic	1	
Light colour	White	er
Required compone	ents:	
F17435_HEKLA		4000
		30" 6450 30
		 15% % 15%
		90* 90
LED	CMT19xx	75
FWHM / FWTM	26.0° / 51.0°	
Efficiency	87 %	600 60
Peak intensity	3 cd/lm	
LEDs/each optic	1	1500
Light colour	White	q* <u>300</u> a
Light colour Required compone	White ents:	g* 8
Light colour	White ents:	gr (
Light colour Required compone	White ents:	g* 8
Light colour Required compone	White ents:	g* 8
Light colour Required compone	White ents: G2-I	9 ¹
Light colour Required compone F17438_HEKLA	White ents: G2-I	
Light colour Required compone F17438_HEKLA	White ents: A-G2-I	
Light colour Required compone F17438_HEKLA	White ents: -G2-I CMU10xx	
Light colour Required compone F17438_HEKLA	White ents: -G2-I CMU10xx 18.0° / 37.0°	
Light colour Required compone F17438_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity	White ents: G2-I CMU10xx 18.0° / 37.0° 89 %	
Light colour Required compone F17438_HEKLA CREE COMPOSITION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White ents: G2-I CMU10xx 18.0° / 37.0° 89 % 6 cd/lm	
Light colour Required compone F17438_HEKLA	White ents: G2-I CMU10xx 18.0° / 37.0° 89 % 6 cd/lm 1 White	
Light colour Required compone F17438_HEKLA CREE COMPOSITION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White ents: G2-I CMU10xx 18.0° / 37.0° 89 % 6 cd/lm 1 White ents:	
Light colour Required compone F17438_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	White ents: G2-I CMU10xx 18.0° / 37.0° 89 % 6 cd/lm 1 White ents:	
Light colour Required compone F17438_HEKLA CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	White ents: G2-I CMU10xx 18.0° / 37.0° 89 % 6 cd/lm 1 White ents:	



[
LED FWHM / FWTM Efficiency	CXA/B 13xx 12.0° / 27.0° 92 %		94 73 73 73 73
Peak intensity LEDs/each optic Light colour	12 cd/lm 1 White		
Required compone F17439_HEKLA	ints:		300 <u>120</u> <u>1200</u> <u>300</u> <u>300</u> <u>300</u>
			909
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17436_HEKLA			77
			30 ⁴ 35 ⁴ 35 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	-G2-I		
UMIL			90*
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB 1202/1203 17.0° / 35.0° 89 % 6.9 cd/lm		
LEDs/each optic Light colour Required compone F17437_HEKLA			
			30 - 20 - A



M LUMIL	EDS	50° 50°
LED	LUXEON CoB 1204HD	
FWHM / FWTM	17.0° / 35.0°	77
Efficiency	89 %	
Peak intensity	6.8 cd/lm	60a - 90a
LEDs/each optic	1	
Light colour	White	gr de
Required compone		400
F17437_HEKLA		
		600
		25° q° 15°
UMIL	EDS	90*
LED	LUXEON CoB M02/M03	
FWHM / FWTM	16.0° / 34.0°	77 50
Efficiency	90 %	
Peak intensity	7.5 cd/lm	
LEDs/each optic	1	
Light colour	White	a. a.
Required compone	nts:	
F17436_HEKLA	-G2-D	400
		344
		15° 0° 15°
	EDC	
		90*
LED	LUXEON CoB S01	39 ³
LED FWHM / FWTM	LUXEON CoB S01 12.0° / 27.0°	
LED FWHM / FWTM Efficiency	LUXEON CoB S01 12.0° / 27.0° 91 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts:	73' 64' 75' 75' 75' 75' 75' 75' 75' 75' 75' 75
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component F17439_HEKLA:	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24)	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA:	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24) 19.0° / 38.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24) 19.0° / 38.0° 83 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA:	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24) 19.0° / 38.0° 83 % 5.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA:	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24) 19.0° / 38.0° 83 % 5.1 cd/lm 12 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA:	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24) 19.0° / 38.0° 83 % 5.1 cd/lm 12 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA:	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24) 19.0° / 38.0° 83 % 5.1 cd/lm 12 White nts: -SOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen F17439_HEKLA COMPLENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16142_HEKLA	LUXEON CoB S01 12.0° / 27.0° 91 % 12.2 cd/lm 1 White nts: -G2-J EDS LUXEON Fusion 12-up (20x24) 19.0° / 38.0° 83 % 5.1 cd/lm 12 White nts: -SOCKET-K -RZ-LENS	



	EDS	59* 390
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKL4 F18158_HEKLA Bender Wirth: 4-	LUXEON Fusion 21-up (20x24) 19.0° / 38.0° 81 % 4.8 cd/lm 21 White ents: A-SOCKET-K A-RZ-LENS	20 20 20 20 20 20 20 20 20 20 20 20 20 2
	.EDS	999
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA F18158_HEKLA Bender Wirth: 4-	A-SOCKET-K A-RZ-LENS	
	INUS	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CXM-3 10.0° / 22.0° 91 % 17.7 cd/lm 1 White ents: -G2-C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CXM-4 10.0° / 24.0° 91 % 14.9 cd/lm 1 White ents:	



ØNICHI		30* 399
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA	COB L-Type (LES 11) 22.0° / 43.0° 88 % 4.4 cd/lm 1 White nts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA	COB L-Type (LES 9) 16.0° / 34.0° 89 % 7.3 cd/lm 1 White nts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA	COB S-Type (LES 7) 13.0° / 29.0° 91 % 10 cd/lm 1 White nts:	
PHILLIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA		



SAMSI	JNG	90 ⁺	5
LED FWHM / FWTM	LC003D / LC006D / LC009D / LC013D 17.0° / 36.0°	25	7.
Efficiency	89 %	90°	
Peak intensity	6.3 cd/lm	320	
LEDs/each optic Light colour	1 White	er and a second s	\sim
Required compone			
F17435_HEKLA			
SAMSI	JNG		-
LED	LC016D / LC019D / LC026D / LC033D		
FWHM / FWTM	28.0° / 55.0°		
Efficiency	86 %		\searrow
Peak intensity	2.7 cd/lm		
LEDs/each optic	1		
Light colour	White	er	
Required compone	ents:		
F17438_HEKLA	I-G2-I		
		300	
SAMSI	JNG	90 ⁴	
	LC030C/040C G2		
LED	LC030C/040C G2 21.0° / 42.0°		
LED FWHM / FWTM		27	
LED FWHM / FWTM Efficiency	21.0° / 42.0°	25- 09	
LED FWHM / FWTM Efficiency Peak intensity	21.0° / 42.0° 88 %	0 ⁵	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	21.0° / 42.0° 88 % 4.5 cd/lm 1 White	er. 57	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents:	84 64 52	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents:	5	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents:	97 200 200	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents:	97 200 200	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents: -G2-I	97 200 200	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents: -G2-I MJT COB LES 14.5	97 200 200	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents: -G2-I MJT COB LES 14.5 28.0° / 53.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA second semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	21.0° / 42.0° 88 % 4.5 cd/lm 1 White onts: -G2-I MJT COB LES 14.5 28.0° / 53.0° 86 % 2.7 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents: -G2-I MJT COB LES 14.5 28.0° / 53.0° 86 % 2.7 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA seous semconoucrox LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents: -G2-I MJT COB LES 14.5 28.0° / 53.0° 86 % 2.7 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	21.0° / 42.0° 88 % 4.5 cd/lm 1 White ents: -G2-I MJT COB LES 14.5 28.0° / 53.0° 86 % 2.7 cd/lm 1 White ents:		



SEOUL		50*
	MJT COB LES 6	75
FWHM / FWTM	12.0° / 27.0°	
Efficiency	91 % 11.9 cd/lm	60 ¹
Peak intensity		
LEDs/each optic	1	et
Light colour Required compone	White	
F17435_HEKLA		
	-62-0	
		30° 55° 13800 55°
SEOUL		30' 30'
	MJT COB LES 9.8	77
FWHM / FWTM Efficiency	18.0° / 37.0° 89 %	500
Peak intensity	6 cd/lm	
LEDs/each optic	1 White	
Light colour Required compone	White	
		400
F17435_HEKLA	-62-6	
		30° (600) 30°
TRIDO		
		50°
LED	SLE G7 LES09	77
FWHM / FWTM	16.0° / 34.0°	
Efficiency	89 %	
Peak intensity	7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
F15848_HEKLA	-SUCKET-G	
		500
		30 ⁴ 35 ⁵ 0 ⁴ 35 ⁵
TRIDO		50' 30'
LED		
	SLE G7 LES13	75
FWHM / FWTM	SLE G7 LES13 25.0° / 48.0°	75. 000
FWHM / FWTM Efficiency	SLE G7 LES13 25.0° / 48.0° 87 %	75
FWHM / FWTM Efficiency Peak intensity	SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents:	q
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents:	ger (200)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents:	q
WHM / FWTM Efficiency Peak intensity EDs/each optic Light colour Required compone	SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents:	gr 200 r



TRIDOM	lic	90 ⁴
LED	SLE G7 LES15	75"
FWHM / FWTM	27.0° / 53.0°	$\land \nearrow \land \land \land \land \land \land$
Efficiency	86 %	60° 60°
Peak intensity	2.9 cd/lm	
LEDs/each optic	1	1000
Light colour	White	A2. 41.
Required compone	nts:	
F17438_HEKLA	-G2-I	2430
		30° 32°
		15% 0% 15%



bridgelux.		50°
LED	V8 Gen7	25*
FWHM / FWTM	16.0° / 34.0°	
Efficiency	89 %	60°
Peak intensity	8 cd/lm	300
LEDs/each optic	1	
Light colour	White	g;*
Required components:		\times
F15253_HEKLA-SOC	CKET-A	6430
		30° 30°
		15° 0° 15°
bridgelux.		90° 90°
LED	Vero SE 13	21*
FWHM / FWTM	26.0° / 44.0°	
Efficiency	81 %	60 ⁴
Peak intensity	3.5 cd/lm	
LEDs/each optic	1	\times / / \wedge ×
Light colour	White	gr. 45°
Required components:		2000
C16142_HEKLA-SO	CKET-K	
		2200
		30* 30*
		15° 0° 15°
bridgelux.		90°
LED	Vesta TW 9mm (12W) CSP	50° 50°
	Vesta TW 9mm (12W) CSP 18.1° / 32.2 + 31.2°	25 Jaco 26, Jaco 26, Jaco
LED		50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity	18.1° / 32.2 + 31.2°	97 97 97 97 97 97 97 97 97 97 97 97 97 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	18.1° / 32.2 + 31.2° 81 %	75
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm	5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White	200 27 37 37
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White	5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White	5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White	77 500 57 600 607 607 607 607
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White	25 100 15° 100 6¢ 259 65
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White	25 100 15° 100 6¢ 259 65
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White	30 30 31 30 32 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K	200 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 components: C16142_HEKLA-SOO	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10)	30 30 31 30 32 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO CITTIZEN LED FWHM / FWTM	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10) 18.1° / 33.2 + 34.2°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO CITTIZEN LED FWHM / FWTM Efficiency	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10) 18.1° / 33.2 + 34.2° 87 %	30 30 31 30 32 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10) 18.1° / 33.2 + 34.2° 87 % 6.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10) 18.1° / 33.2 + 34.2° 87 % 6.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10) 18.1° / 33.2 + 34.2° 87 % 6.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10) 18.1° / 33.2 + 34.2° 87 % 6.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	18.1° / 32.2 + 31.2° 81 % 7.1 cd/lm 1 White CKET-K CLL02x/CLU02x (LES10) 18.1° / 33.2 + 34.2° 87 % 6.8 cd/lm 1 White	



OTTATA		
CITIZEN		90* 90*
LED	CLU700/701/702/703	
FWHM / FWTM	11.3° / 22.1°	200
Efficiency	91 %	60*
Peak intensity	15 cd/lm	6430
LEDs/each optic	1	
Light colour	White	gr (900)
Required components:		
F15255_HEKLA-SO	CKET-C	
		\times / \top / \times
		30° 1600 10° 30'
CITIZEN		90° 90°
	0111740/744	
	CLU710/711	73.
FWHM / FWTM	16.1° / 30.2°	
Efficiency	89 % 8.7 cd/lm	60° 500
Peak intensity		$\mathbb{N} \times \mathbb{A} / \mathbb{A}$
LEDs/each optic	1	45
Light colour	White	
Required components:		6130
F15859_HEKLA-SO		
		\mathbb{K} / \mathbb{V} / \mathbb{X}
		30° 30° 30°
CITIZEN		905 905
CITIZEN	011740740	90 [,]
LED	CLU712/713	31 31 91 91
LED FWHM / FWTM	16.0° / 34.0°	59 ⁴ 59 ⁴
LED FWHM / FWTM Efficiency	16.0° / 34.0° 90 %	50 ⁴ 50 ⁴
LED FWHM / FWTM Efficiency Peak intensity	16.0° / 34.0° 90 % 8.1 cd/lm	59 ⁴ 75 69 ⁴ 2300 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	16.0° / 34.0° 90 % 8.1 cd/lm 1	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 34.0° 90 % 8.1 cd/lm	<i>q</i> ² <i>q</i> ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 34.0° 90 % 8.1 cd/lm 1 White	50 ⁴ 50 ⁴ 50 50 50 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 34.0° 90 % 8.1 cd/lm 1 White	g. 61 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 34.0° 90 % 8.1 cd/lm 1 White	g. 61 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 34.0° 90 % 8.1 cd/lm 1 White	g. 200 et
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White	g. 200 et
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White	77 91 72 73 73 73 73 73 73 73 73 73 73 73 73 73
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White	77 91 72 73 73 73 73 73 73 73 73 73 73 73 73 73
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0° 91 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0° 91 % 17.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0° 91 % 17.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0° 91 % 17.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0° 91 % 17.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0° 91 % 17.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	16.0° / 34.0° 90 % 8.1 cd/lm 1 White CHA0304 10.0° / 22.0° 91 % 17.5 cd/lm 1 White	20- 20- 20- 20- 20- 20- 20- 20-

Last update: 12/10/2022Subject to change without prior noticePublished: 09/12/2020LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.17/20



-		
		90* 90*
LED	CHA0612	
FWHM / FWTM	12.0° / 28.0°	78
Efficiency	91 %	3200
Peak intensity	11.8 cd/im	
LEDs/each optic	1	
Light colour	White	600
Required components:		
F17435_HEKLA-G2-	C	0000
		30*
		15* 13800 15*
		90° 90°
LED	CHA0825	75*
FWHM / FWTM	16.0° / 34.0°	
Efficiency	90 %	60°
Peak intensity	7.6 cd/lm	
LEDs/each optic	1	
Light colour	White	450
Required components:		
F17438_HEKLA-G2-		6430
		30* 8000 34*
1		
		20 ¹ 0 ¹ 10 ¹
	CMA1306	
	12.0° / 26.0°	93 ⁴ 93 ⁵
LED FWHM / FWTM Efficiency	12.0° / 26.0° 94 %	93 ⁴ 93 ⁵
LED FWHM / FWTM Efficiency Peak intensity	12.0° / 26.0°	93 ⁴ 93 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	12.0° / 26.0° 94 % 13.5 cd/lm 1	9° 9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 26.0° 94 % 13.5 cd/lm	93 ⁴ 93 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 26.0° 94 % 13.5 cd/lm 1 White	9° 9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 26.0° 94 % 13.5 cd/lm 1 White	9° 9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 26.0° 94 % 13.5 cd/lm 1 White	9° 9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 26.0° 94 % 13.5 cd/lm 1 White	54 52 52 52 52 52 52 52 52 52 52 52 52 52
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOG	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J	69°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOC	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J	69°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOC	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J	9° 9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOO	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2°	20.4 20.4 20.4 20.4 20.4 20.0 20.4 20.4 20.4 20.0 20.4 20.4 20.4 20.0 20.4 20.4 20.4 20.0 20.4 20.4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOO	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2° 88 %	20.4 20.4 20.4 20.4 20.4 20.0 20.4 20.4 20.4 20.0 20.4 20.4 20.4 20.0 20.4 20.4 20.4 20.0 20.4 20.4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOO COMPLET LED FWHM / FWTM Efficiency Peak intensity	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2° 88 % 8.2 cd/lm	01 05 32 05 34 05 36 05 60 05 61 05 62 05 63 05 64 05 65 05 66 05 67 05 68 05 69 05 60 05 61 05 62 05 63 05 64 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOC	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2° 88 % 8.2 cd/lm 1	01 05 32 05 34 05 36 05 60 05 61 05 62 05 63 05 64 05 65 05 66 05 67 05 68 05 69 05 60 05 61 05 62 05 63 05 64 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOC	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2° 88 % 8.2 cd/lm	01 05 32 05 34 05 36 05 60 05 61 05 62 05 63 05 64 05 65 05 66 05 67 05 68 05 69 05 60 05 61 05 62 05 63 05 64 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05 65 05
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOO ELUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2° 88 % 8.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOC	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2° 88 % 8.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15956_HEKLA-SOO ELUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 26.0° 94 % 13.5 cd/lm 1 White CKET-J S LUXEON CoB 1202/1203 16.1° / 30.2° 88 % 8.2 cd/lm 1 White	



SAMSU	NG	90°
LED	LC003D / LC006D / LC009D / LC013D	75
FWHM / FWTM	16.1° / 32.2°	75
Efficiency	87 %	60 ⁴
Peak intensity	7.4 cd/lm	
LEDs/each optic	1	
Light colour	White	e7* e300
Required component	IS:	
F15255_HEKLA-S	SOCKET-C	
		34"
TRIDON		25 ⁴ 0(0) 15 ⁴
		90° 90°
LED	SLE G8 LES06	
		32. 35. 35.
LED	SLE G8 LES06	
LED FWHM / FWTM Efficiency	SLE G8 LES06 12.0° / 28.0°	77
LED FWHM / FWTM	SLE G8 LES06 12.0° / 28.0° 93 %	77 72
LED FWHM / FWTM Efficiency Peak intensity	SLE G8 LES06 12.0° / 28.0° 93 % 12.2 cd/lm	gr 520
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE G8 LES06 12.0° / 28.0° 93 % 12.2 cd/lm 1 White	7. Gr 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G8 LES06 12.0° / 28.0° 93 % 12.2 cd/lm 1 White s:	27. 67. 500 60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	SLE G8 LES06 12.0° / 28.0° 93 % 12.2 cd/lm 1 White s:	797 73 997



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

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

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

where_to_buy