

PRODUCT DATASHEET CP18557_AMY-110-S-C

AMY-110-S-C

~18° spot beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

Dimensions	Ø 109.7 mm
Height	23.3 mm
ROHS compliant	yes 🛈



MATERIALS:

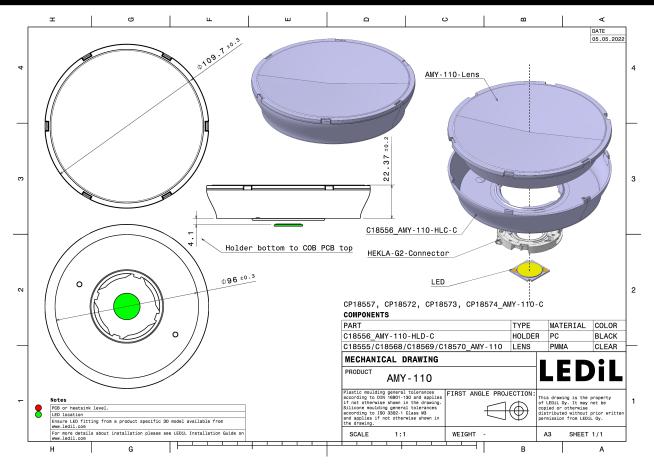
Component	Туре	Material	Colour	Finish
AMY-110-S	Single lens	PMMA	clear	
AMY-110-HLD-C	Holder C	PC	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18557_AMY-110-S-C	77	77	7	8.6
» Box size: 480 x 280 x 300 mm				



PRODUCT DATASHEET CP18557_AMY-110-S-C



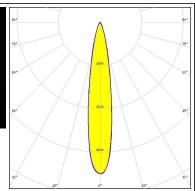
See also our general installation guide: <u>www.ledil.com/installation_guide</u>



OPTICAL RESULTS (MEASURED):

LED	CTM-14 (Tunable White) Gen2		
FWHM / FWTM	18.0° / 39.0°		
Efficiency	91 %		
Peak intensity	5.6 cd/lm		
LEDs/each optic	1		
Light colour	Tunable White		
Required components:			
C16142_HEKLA-SOCKET-K			
Bender Wirth: 442	2 Typ L8		







bridgelux.	1// 2 2	50°
LED	V10 Gen 8	75* 75*
FWHM / FWTM	12.0° / 30.0°	
Efficiency	94 %	60°
Peak intensity	11.2 cd/lm	
LEDs/each optic	1	600
Light colour	White	e.
Required components:		
F15255_HEKLA-SO	CKET-C	9639
		30° 35° 0° 35°
bridgelux.		90 ⁴
LED	V11 HD Gen 8	25*
FWHM / FWTM	12.0° / 32.0°	
Efficiency	94 %	60°
Peak intensity	9.9 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 430
Required components:		
F15859_HEKLA-SO	CKET-I	
		30-
		15° 0° 15°
bridgelux.		90 ⁺
bridgelux. LED	V13 Gen 8	97
	V13 Gen 8 16.0° / 38.0°	23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26
LED		50 ⁴ 25 ¹ 2001
LED FWHM / FWTM	16.0° / 38.0°	93 ⁴ 93 ⁴
LED FWHM / FWTM Efficiency	16.0° / 38.0° 93 %	99* 99* 75* 1000 64* 6* 2001
LED FWHM / FWTM Efficiency Peak intensity	16.0° / 38.0° 93 % 6.8 cd/lm	99° 99° 75° 2000 60° 60° 50° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 38.0° 93 % 6.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 38.0° 93 % 6.8 cd/lm 1 White	ç.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 38.0° 93 % 6.8 cd/lm 1 White	ç.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 38.0° 93 % 6.8 cd/lm 1 White	ç. 61
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC	16.0° / 38.0° 93 % 6.8 cd/lm 1 White	ç.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I	ç.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I	ç.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0°	54 54 54 54 55 57 57 57 57 57 57 57 57 57
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0° 87 %	54 54 54 54 55 57 57 57 57 57 57 57 57 57
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC bridgeluk. LED FWHM / FWTM Efficiency Peak intensity	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0° 87 % 4.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0° 87 % 4.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0° 87 % 4.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0° 87 % 4.2 cd/lm 1 White CKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F15859_HEKLA-SOC bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	16.0° / 38.0° 93 % 6.8 cd/lm 1 White CKET-I V18 Gen 8 18.0° / 47.0° 87 % 4.2 cd/lm 1 White CKET-K	



-		
bridgelux.		90°
LED	V8 Gen 8	75.
FWHM / FWTM	12.0° / 28.0°	3000
Efficiency	94 %	60°
Peak intensity	12.6 cd/lm	
LEDs/each optic	1	633
Light colour	White	93°
Required components:		900
F15253_HEKLA-SOC	CKET-A	
		30° 12800 36°
		15° 0 ⁰ 15°
bridgelux.		90°
LED	V9 HD Gen 8	75.
FWHM / FWTM	10.0° / 28.0°	
Efficiency	94 %	692 60*
Peak intensity	13 cd/lm	
LEDs/each optic	1	600
Light colour	White	42.
Required components:		9500
F15859_HEKLA-SOC	CKET-I	
		36° 36°
		15° 0° 15°
\bigcirc		
bridgelux.		80*
bridgelux. LED	Vero SE 29	50°
	Vero SE 29 29.0° / 64.0°	3 ¹ 3 ² 3 ²
LED		93 ¹ 75 75 75 75 75 75 75
LED FWHM / FWTM	29.0° / 64.0°	60. 51. 52. 53. 54. 55. 55. 55. 55. 55. 55. 55
LED FWHM / FWTM Efficiency	29.0° / 64.0° 82 %	27 Dr
LED FWHM / FWTM Efficiency Peak intensity	29.0° / 64.0° 82 % 2.1 cd/lm	27 Dr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	29.0° / 64.0° 82 % 2.1 cd/lm 1	gr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 64.0° 82 % 2.1 cd/lm 1	27 Dr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 64.0° 82 % 2.1 cd/lm 1	gr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 64.0° 82 % 2.1 cd/lm 1	97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 64.0° 82 % 2.1 cd/lm 1	97 - 97 60 - 60 97 - 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 64.0° 82 % 2.1 cd/lm 1	97 - 97 60 - 60 97 - 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13	27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 64.0° 82 % 2.1 cd/lm 1 White	27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgeLux. LED	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13	27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13 14.0° / 37.0 + 36.0°	27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13 14.0° / 37.0 + 36.0° 94 %	60 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13 14.0° / 37.0 + 36.0° 94 % 7.8 cd/lm	60 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13 14.0° / 37.0 + 36.0° 94 % 7.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13 14.0° / 37.0 + 36.0° 94 % 7.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13 14.0° / 37.0 + 36.0° 94 % 7.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 64.0° 82 % 2.1 cd/lm 1 White VERO13 14.0° / 37.0 + 36.0° 94 % 7.8 cd/lm 1 White	



bridgelux.		90*
LED	VERO18	
FWHM / FWTM	20.0° / 50.0 + 49.0°	75*
Efficiency	93 %	
Peak intensity	4.1 cd/im	60°
LEDs/each optic	1	
Light colour	' White	45*
Required components:	Wine	
C16142_HEKLA-SO		3200
		30, 12, 0, 12, <u>20,</u>
bridgelux		50*
LED	Vesta DTW 15mm (33W)	
FWHM / FWTM	16.0° / 40.0 + 39.0°	75.
Efficiency	93 %	
Peak intensity	6.5 cd/lm	
LEDs/each optic	1	
Light colour	White	gr
Required components:		
Bender Wirth: 632b H	lekla XI	
		\times / \times / \times
		30° 12° 0° 12° 30°
L		
bridgelux.		90° A 90°
bridgelux.	Vesta DTW 9mm (4W/6W/12W)	9°
LED	Vesta DTW 9mm (4W/6W/12W) 10.0 + 11.0° / 28.0°	32 24 25 25
LED FWHM / FWTM	10.0 + 11.0° / 28.0°	30°
LED FWHM / FWTM Efficiency	10.0 + 11.0° / 28.0° 94 %	9°
LED FWHM / FWTM Efficiency Peak intensity	10.0 + 11.0° / 28.0° 94 % 13 cd/lm	603 603
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1	6, 6, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0 + 11.0° / 28.0° 94 % 13 cd/lm	500 Fr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White	500 Fr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White	500 Fr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White	57 61 61 61 61 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White	37 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White	57 61 61 61 61 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b F	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla	57 61 61 61 61 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b F	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP	57 61 61 61 61 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b F bridgelux. LED FWHM / FWTM	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0°	57 61 61 61 61 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H bridgetux. LED FWHM / FWTM Efficiency	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 %	57 61 61 61 61 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 % 7.8 cd/lm	81 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 % 7.8 cd/lm 1	81 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 % 7.8 cd/lm	81 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 % 7.8 cd/lm 1 Tunable White	81 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b F Bender Wirth: 652b F Dridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOU	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 % 7.8 cd/lm 1 Tunable White CKET-K	81 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 % 7.8 cd/lm 1 Tunable White CKET-K	81 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b H bridgelux, LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOU	10.0 + 11.0° / 28.0° 94 % 13 cd/lm 1 White Hekla Vesta TW 13mm (18W) DP 14.0° / 36.0 + 34.0° 92 % 7.8 cd/lm 1 Tunable White CKET-K	60 50 50 50 50 50 50 50 50 50 5



bridgelux.		90° 90°
LED	Vesta TW 15mm DP	
FWHM / FWTM	18.0° / 41.0°	75.
Efficiency	92 %	1600
Peak intensity	5.7 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	43 ⁴ 43 ⁴
Required components:		
C16142_HEKLA-SO	CKET-K	
Bender Wirth: 482 Ty		4630
	P = 0	X / V X
		30° 30° 30° 30°
bridgelux.		90* 90*
LED	Vesta TW 18mm (31W) DP	
FWHM / FWTM	20.0° / 48.0°	
Efficiency	86 %	
Peak intensity	4.1 cd/lm	1600
LEDs/each optic	1	
Light colour	Tunable White	gr dr
Required components:		\times
C16142_HEKLA-SO	CKET-K	2230
Bender Wirth: 462 Ty	/p L8	
		30%
		15° 0° 15°
bridgelux.		90* 90*
bridgelux. LED	Vesta TW 9mm (9W) DP	50 ⁴
	Vesta TW 9mm (9W) DP 14.0° / 37.0 + 38.0°	30°
LED FWHM / FWTM		90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency	14.0° / 37.0 + 38.0°	60* 100 100 100 100 100 100 100 1
LED FWHM / FWTM	14.0° / 37.0 + 38.0° 94 %	60° 200 60° 30° 200 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm	91 97 90 9
LED FWHM / FWTM Efficiency Peak intensity	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1	50 6°, 50 6°,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White	91 ⁴ 91
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K	99* 97 99* 97 99* 97 900 97 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K	50 50 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 components: C16142_HEKLA-SO Bender Wirth: 489 Ty	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K	413) 30 ⁴ 000 X ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K	20° - 20° - 20° - 20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K /p L8	413) 30 ⁴ 000 X ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty CITTIZEN LED	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K /p L8	20° - 20° - 20° - 20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty CITTIZEN LED FWHM / FWTM	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K /p L8 CLL03x/CLU03x 14.0° / 36.0°	00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty CITTIZEN LED FWHM / FWTM Efficiency	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K /p L8 CLL03x/CLU03x 14.0° / 36.0° 92 %	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K rp L8 CLL03x/CLU03x 14.0° / 36.0° 92 % 7.1 cd/lm	60° 90° 90° 90° 90° 90° 90° 90° 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty EITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K rp L8 CLL03x/CLU03x 14.0° / 36.0° 92 % 7.1 cd/lm 1	60° 90° 90° 90° 90° 90° 90° 90° 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty Ender Wirth: 489 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K rp L8 CLL03x/CLU03x 14.0° / 36.0° 92 % 7.1 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty EITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K rp L8 CLL03x/CLU03x 14.0° / 36.0° 92 % 7.1 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 489 Ty Ender Wirth: 489 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	14.0° / 37.0 + 38.0° 94 % 7.9 cd/lm 1 Tunable White CKET-K rp L8 CLL03x/CLU03x 14.0° / 36.0° 92 % 7.1 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00



	DS	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Bender Wirth: 632		
	DS	50*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Bender Wirth: 632		
-		325 00 125
M LUMILE	DS	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Bender Wirth: 6311	b Hekla XL	
M LUMILE	DS	50*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Bender Wirth: 631	LUXEON CoB 1213/1216/1812 23.0 + 22.0° / 56.0 + 57.0° 84 % 2.9 cd/lm 1 White S:	

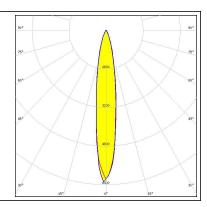


SAMSUNG

LED

FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-I

LC016D / LC019D / LC026D / LC033D 16.0° / 40.0° 92 % 6.4 cd/lm 1 White





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:

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