

AMY-110-W-C

~36° wide beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

Dimensions	Ø 109.7 mm
Height	23.6 mm
ROHS compliant	yes 🛈



MATERIALS:

Component	
AMY-110-W	
AMY-110-HLD-C	

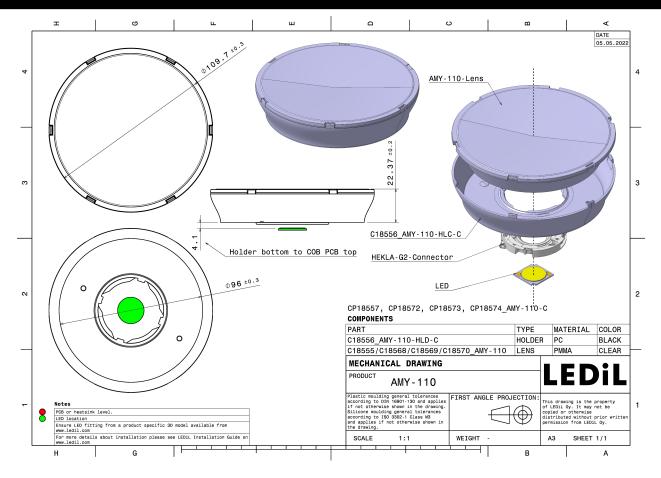
Туре	
Single lens	
Holder C	

Material	Colour	Finish
PMMA	clear	
PC	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18573_AMY-110-W-C	77	77	7	8.6
» Box size: 480 x 280 x 300 mm				

PRODUCT DATASHEET CP18573_AMY-110-W-C

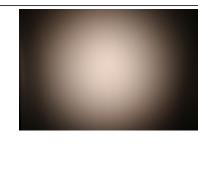


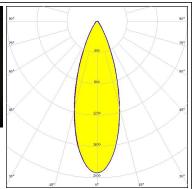
See also our general installation guide: <u>www.ledil.com/installation_guide</u>



OPTICAL RESULTS (MEASURED):

LED	CTM-14 (Tunable White) Gen2
FWHM / FWTM	35.0° / 63.5°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	Tunable White
Required componen	ts:
C16142_HEKLA-	SOCKET-K
Bender Wirth: 442	2 Typ L8







bridgeluk. LED V10 Gen 8 FWHM / FWTM 36.0° / 58.0° Efficiency 92 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: *** F15255_HEKLA-SOCKET-C ***	99° 75° 60°
FWHM / FWTM 36.0° / 58.0° Efficiency 92 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: ***	60°
FWHM / FWTM 36.0° / 58.0° Efficiency 92 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: ***	50,0
Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: ***	60°
Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: ***	
LEDs/each optic 1 Light colour White Required components:	X
Light colour White Provide the Action of the	$\langle \rangle$
Required components:	45*
	$\langle \rangle$
	$\langle \rangle$
30° 2000 25° 0 ⁰ 15°	30.
bridgelux.	90*
LED V11 HD Gen 8	
FWHM / FWTM 36.0° / 58.0 + 59.0°	25"
Efficiency 92%	\searrow
Peak intensity 2.3 cd/lm	60*
LEDs/each optic 1	\sim
Light colour White	45°
Required components:	$\langle \rangle$
F15859_HEKLA-SOCKET-I	$\langle \rangle$
	1
30 ⁹ 2000 15 ¹⁵ 0 ¹⁰ 15 ¹⁵	3%.
bridgelux.	90°
LED V13 Gen 8 FWHM / FWTM 36.0° / 63.0°	25'
FWHM / FWTM 36.0° / 63.0°	8.
FWHM / FWTM 36.0° / 63.0° Efficiency 90 %	60°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm	
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1	5°*
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White	60°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: ***	6,
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White	0°.
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: ***	
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: ***	5°.
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I	97 60° 90°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I bridgeLux. Image: Component state of the	- 75° - 60° - 60° - 60° - 60° - 60°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I bridgeLux. IED V18 Gen 8 EWHM / EWTM FWHM / EWTM 36.0° / 71.0°	90°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I F15859_HEKLA-SOCKET-I 1000000000000000000000000000000000000	97 97 97 97 97
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I F15859_HEKLA-SOCKET-I Image: state st	97 97 97 97 97 97
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I F15859_HEKLA-SOCKET-I ####################################	90°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/m LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-1 bridgetux. Image: Component of the second of the s	90° 90° 90°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I brdgetux. Image: Component Signature LED V18 Gen 8 FWHM / FWTM 36.0° / 71.0° Efficiency 84 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White	60°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I bridgeLux. LED V18 Gen 8 FWHM / FWTM 36.0° / 71.0° Efficiency 84 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: ************************************	60°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I bridgeLix LED V18 Gen 8 FWHM / FWTM 36.0° / 71.0° Efficiency 84 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: 50 C16142_HEKLA-SOCKET-K 50	60°
FWHM / FWTM 36.0° / 63.0° Efficiency 90 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I bridgeLux. LED V18 Gen 8 FWHM / FWTM 36.0° / 71.0° Efficiency 84 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: ************************************	60°



bridgelux.		90* 90*
LED	V8 Gen 8	75*
FWHM / FWTM	36.0° / 55.0°	
Efficiency	92 %	60°
Peak intensity	2.5 cd/lm	[
LEDs/each optic	1	
Light colour	White	92 ² 45°
Required components:		
F15253_HEKLA-SOC	CKET-A	
		30- 30-
		(10 ⁹) 0 ⁶ 10 ³
bridgelux.		90* 90*
LED	V9 HD Gen 8	75°
FWHM / FWTM	36.0 + 35.0° / 55.0°	$\Lambda \longrightarrow \square \longrightarrow \square$
Efficiency	92 %	60°
Peak intensity	2.5 cd/lm	$[\lor /] \land \lor]$
LEDs/each optic	1	
Light colour	White	45° 45°
Required components:		
F15859_HEKLA-SOC	CKET-I	
		aus
		364 364
		15° 0° 15°
\sim		· · · · · · · · · · · · · · · · · · ·
bridgelux.		50* 90*
LED	Vero SE 10	97 - 97 97
	38.0° / 62.0°	50°
LED		59 ⁴ 39 ⁴ 39 ⁴ 39 ⁴ 59 ⁴ 59 ⁴
LED FWHM / FWTM	38.0° / 62.0°	99° 99° 99° 99° 99° 99°
LED FWHM / FWTM Efficiency	38.0° / 62.0° 92 %	59°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	38.0° / 62.0° 92 % 2 cd/lm	9° 9° 9° 9° 9° 9° 9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	38.0° / 62.0° 92 % 2 cd/lm 1 White	5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	38.0° / 62.0° 92 % 2 cd/lm 1 White	61 61 62 63 7 7 7 7 7 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:	38.0° / 62.0° 92 % 2 cd/lm 1 White	97 97 97 97 97 98 98 98 97 97 97 97 97 97 97 97 97 97 97 97 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	38.0° / 62.0° 92 % 2 cd/lm 1 White	97 97 97 97 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC	38.0° / 62.0° 92 % 2 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K	30, 30, 30, 12, 0, 30, 12, 0, 40, 10, 0, 60, 0, 0, 12, 0, 0, 13, 26, 26, 26, 36, 36, 36, 36, 36,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOG	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K	27 29 29 29 29 29 29 29 29 29 29
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO bridgeLux. LED FWHM / FWTM Efficiency	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K Vero SE 29 40.0° / 83.0° 77 %	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO bridgelux. LED FWHM / FWTM Efficiency Peak intensity	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K Vero SE 29 40.0° / 83.0° 77 % 1.1 cd/lm 1	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOG bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K Vero SE 29 40.0° / 83.0° 77 % 1.1 cd/lm	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K Vero SE 29 40.0° / 83.0° 77 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K Vero SE 29 40.0° / 83.0° 77 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K Vero SE 29 40.0° / 83.0° 77 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOO bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	38.0° / 62.0° 92 % 2 cd/lm 1 White CKET-K Vero SE 29 40.0° / 83.0° 77 % 1.1 cd/lm 1	



bridgelux.		50 ⁴
LED	VERO18	75.
FWHM / FWTM	38.0 + 36.0° / 72.0 + 73.0°	400
Efficiency	89 %	60°
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	a, a.
Required components:		1220
C16142_HEKLA-SO	CKET-K	
		36* 36*
bridgelux.		90° 90°
LED	Vesta DTW 13mm (21W)	75*
FWHM / FWTM	36.0° / 54.0°	
Efficiency	93 %	600
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	43° 45°
Required components:		
Bender Wirth: 632b H	lekla XL	
1		
		157 00 159
bridgelux.		<u>222</u> 04 <u>152</u> <u>204</u>
LED	Vesta DTW 15mm (33W)	35. 96, 720, 64, 75, 96, 720, 96, 720, 96, 720, 96, 720, 96, 720, 720, 720, 720, 720, 720, 720, 720
LED FWHM / FWTM	37.0 + 36.0° / 63.0°	33, 34, 36, 35, 120, 6, 120, 6,
LED FWHM / FWTM Efficiency	37.0 + 36.0° / 63.0° 90 %	64 25. 26. 26. 26. 26. 26. 27. 26. 27. 26. 27. 26. 27. 26. 27. 26. 26. 26. 26. 26. 26. 26. 26. 26. 26
LED FWHM / FWTM Efficiency Peak intensity	37.0 + 36.0° / 63.0°	337 0° 30° 9° 9° 9° 9° 90° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	37.0 + 36.0° / 63.0° 90 % 2 cd/lm	g 137 147 157 157 157 157 157 157 157 15
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White	e. 50. 50. 50. 50. 50. 50. 50. 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White	get 10.9 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White	60 60 90 90 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White	27 0 0 0 0 0 0 0 0 0 0 0 0 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W)	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM Efficiency	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0° 93 % 2.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0° 93 % 2.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0° 93 % 2.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0° 93 % 2.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0° 93 % 2.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632b H bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	37.0 + 36.0° / 63.0° 90 % 2 cd/lm 1 White Hekla XL Vesta DTW 9mm (4W/6W/12W) 36.0 + 35.0° / 55.0° 93 % 2.4 cd/lm 1 White	



bridgelux.		90°
LED	Vesta TW 13mm (18W) DP	75°
FWHM / FWTM	36.0° / 61.0 + 60.0°	
Efficiency	90 %	60° 60°
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	az, az,
Required components:		1690
C16142_HEKLA-SO	CKET-K	
Bender Wirth: 492 T	/p L8	
		30° 125 0° 125 30°
bridgelux.		90*
LED	Vesta TW 15mm DP	
FWHM / FWTM	34.0 + 35.0° / 63.0°	
Efficiency	89 %	60°
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	g.,
Required components:		
C16142_HEKLA-SO	CKET-K	169
Bender Wirth: 482 Ty	/p L8	
		30
		15° 0° 15°
bridgelux.		50° 50°
bridgelux. LED	Vesta TW 18mm (31W) DP	50°
	Vesta TW 18mm (31W) DP 36.0° / 71.0°	80 23. 24. 25. 26. 26. 26. 26. 26. 26. 26. 26. 26. 26
LED		60 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM	36.0° / 71.0°	60 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 71.0° 84 %	90 97 97 90 90 97
LED FWHM / FWTM Efficiency Peak intensity	36.0° / 71.0° 84 % 1.6 cd/lm	00 32 12 40 13 12 14 12
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 71.0° 84 % 1.6 cd/lm 1	59 ⁴ 59 ⁷ 59 ⁴ 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO	36.0° / 71.0° 84 % 1.6 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: 462 Ty	36.0° / 71.0° 84 % 1.6 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: 462 Ty	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgelux. LED	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgelux LED FWHM / FWTM	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP 39.0° / 60.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgetux. LED FWHM / FWTM Efficiency	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP 39.0° / 60.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP 39.0° / 60.0° 93 % 2.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP 39.0° / 60.0° 93 % 2.1 cd/lm 1	01 02 02 02 02 02 03 02 02 03 02 02 03 02 02 03 02 02 03 02 02 03 02 02 03 02 02
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP 39.0° / 60.0° 93 % 2.1 cd/lm 1 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP 39.0° / 60.0° 93 % 2.1 cd/lm 1 Tunable White CKET-K	400 120 120 501 502 502 502 502 502 503 502 502
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO Bender Wirth: 462 Ty bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO	36.0° / 71.0° 84 % 1.6 cd/lm 1 Tunable White CKET-K /p L8 Vesta TW 9mm (9W) DP 39.0° / 60.0° 93 % 2.1 cd/lm 1 Tunable White CKET-K	01 02 02 02 02 02 03 02 02 03 02 02 03 02 02 03 02 02 03 02 02 03 02 02 03 02 02



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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:

CLL03x/CLU03x 35.0° / 62.0° 90 % 2.1 cd/lm 1 White

F17438_HEKLA-G2-I

LEDLUXEON CoB 1204/1205FWHM / FWTM37.0° / 61.0 + 60.0°Efficiency91 %Peak intensity2.1 cd/lmLEDs/each optic1Light colourWhiteRequired components:Bender Wirth: 632a Hekla XL

Bender Wirth: 632	2a Hekla XL	
	EDS	50°
LED	LUXEON CoB 1205HD	75
FWHM / FWTM	36.0° / 58.0°	
Efficiency	92 %	10 ¹
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	gr. er
Required component	ts:	150
F15858_HEKLA-S	SOCKET-H	
		305 200 20
		15 ⁹ 0 ⁹ 15 ⁹
🥙 LUMILE	EDS	30*
LED	LUXEON CoB 1208	
FWHM / FWTM	36.0° / 62.0°	
Efficiency	91 %	60 ⁴
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component	ts:	
Bender Wirth: 632	a Hekla XL	
		300 24
		15 ¹ 0 ¹ 15 ²



	DS	50 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Bender Wirth: 631	LUXEON CoB 1211 37.0 + 36.0° / 71.0 + 70.0° 89 % 1.7 cd/lm 1 White S:	25 65 57 1220 20 120 120 120 120 120 120
	DS	90 ⁺
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Bender Wirth: 631	o Hekla XL	20, 10, 12, 0, 12, 2 21, 0, 12, 0, 12, 2 22, 0, 0, 12, 0
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component F17438_HEKLA-G	LC016D / LC019D / LC026D / LC033D 35.0° / 65.0° 89 % 2.1 cd/lm 1 White 3:	



GENERAL INFORMATION:

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

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

MATERIALS:

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

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

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