

# AMY-110-M-C

~24° medium beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

#### **SPECIFICATION:**

Dimensions	Ø 109.7 mm
Height	23.4 mm
ROHS compliant	yes 🛈



#### **MATERIALS:**

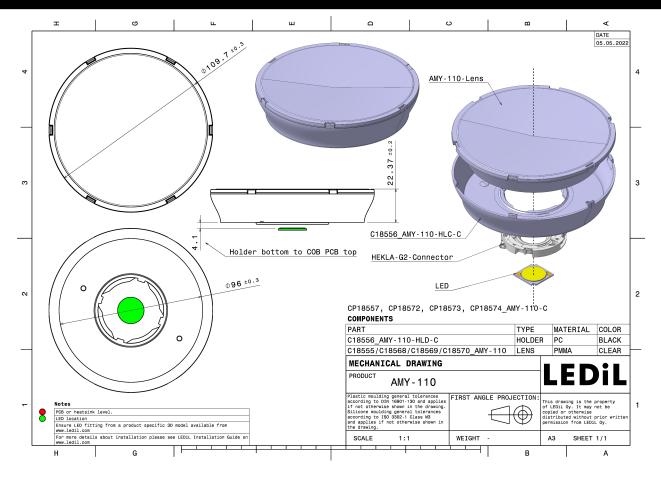
Component	Туре	Material	Colour	Finish
AMY-110-M	Single lens	PMMA	clear	
AMY-110-HLD-C	Holder C	PC	black	

## **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18572_AMY-110-M-C	77	77	7	8.6
» Box size: 480 x 280 x 300 mm				

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# PRODUCT DATASHEET CP18572\_AMY-110-M-C



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



# **OPTICAL RESULTS (SIMULATED):**

bridgelux.		90* 90*
LED	V18 Gen 8	
FWHM / FWTM	28.0° / 59.0°	75
Efficiency	86 %	
Peak intensity	2.6 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	' White	95* 1600 est
Required components:	White	
C16142_HEKLA-SO	NET K	
Bender Wirth: 462 Ty		
Dender Witth. 462 Ty	p Lo	200
		36° 35° 36°
bridgelux.		90 <sup>4</sup> 90 <sup>4</sup>
LED	Vero SE 29	$   \rightarrow \wedge \wedge  $
FWHM / FWTM	36.0° / 75.0°	73'
Efficiency	81 %	400
Peak intensity	1.5 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 43*
Required components:	WIIG	
Required components.		1200
		30° 15° 1000 35°
bridgelux		90° 90°
bridgelux.	Vecto TW/ 18mm (31W/) DP	50°
LED	Vesta TW 18mm (31W) DP	50 <sup>4</sup> 50 <sup>4</sup>
LED FWHM / FWTM	28.0° / 58.0°	27 27 29 29 29
LED FWHM / FWTM Efficiency	28.0° / 58.0° 86 %	64 67 51 52 52 52 52 52 52 52 52 52 52 52 52 52
LED FWHM / FWTM Efficiency Peak intensity	28.0° / 58.0° 86 % 2.6 cd/lm	60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	28.0° / 58.0° 86 % 2.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	28.0° / 58.0° 86 % 2.6 cd/lm	Q. 109 Q. B. 90 B. 22 B. 23 B. 25 B.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White	0. 103 0.   3. 26 26   3. 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White	97 97 97 100 100 87
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White	51 <sup>4</sup> 51 <sup>4</sup> 51 51 51 51 51 51 51 51 51 51
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White	200 201 201 202 203 203 203 203 203 203 203 203 203
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White	30° 30° 30°   30° 100 60°   60° 000 60°   30° 100 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty CITTIZEN LED	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty CITTIZEN LED FWHM / FWTM	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0°	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty <b>CITTIZEN</b> LED FWHM / FWTM Efficiency	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 %	60 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty <b>CITTIZEN</b> LED FWHM / FWTM Efficiency Peak intensity	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 % 3.7 cd/lm	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty <b>CITTIZEN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 % 3.7 cd/lm 1	60 90 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: C16142_HEKLA-SOC Bender Wirth: 462 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 % 3.7 cd/lm	60 90 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: C16142_HEKLA-SOC Bender Wirth: 462 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 % 3.7 cd/lm 1 White	6. 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 Bender Wirth: 462 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 % 3.7 cd/lm 1 White	c. 909 61   bit 00 22   bit 00 32
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 % 3.7 cd/lm 1 White	6, 6, 6, 10, 10, 10, 10, 10, 10, 10, 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SOC Bender Wirth: 462 Ty CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	28.0° / 58.0° 86 % 2.6 cd/lm 1 Tunable White CKET-K p L8 CLL03x/CLU03x 24.0° / 50.0° 91 % 3.7 cd/lm 1 White	c. 509 60   bit 100 60   bit 50 50



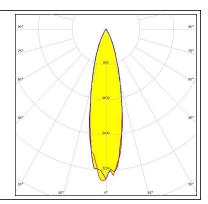
## **OPTICAL RESULTS (SIMULATED):**

# SAMSUNG

LED

FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438\_HEKLA-G2-I

LC016D / LC019D / LC026D / LC033D 25.0° / 52.0° 91 % 3.7 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:

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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