

PRODUCT DATASHEET CP17972\_AMY-35-W-B

# **AMY-35-W-B**

~36° wide beam. Assembly with holder B compatible with Ø35 mm BJB and B+W connectors. Black version.

# **SPECIFICATION:**

Dimensions Ø 34.9 mm Height **ROHS** compliant



Colour

clear

black

Finish

### **MATERIALS:**

Component AMY-35-W AMY-35-HLD-B

Туре	Material
Single lens	PMMA
Holder	PC

11 mm

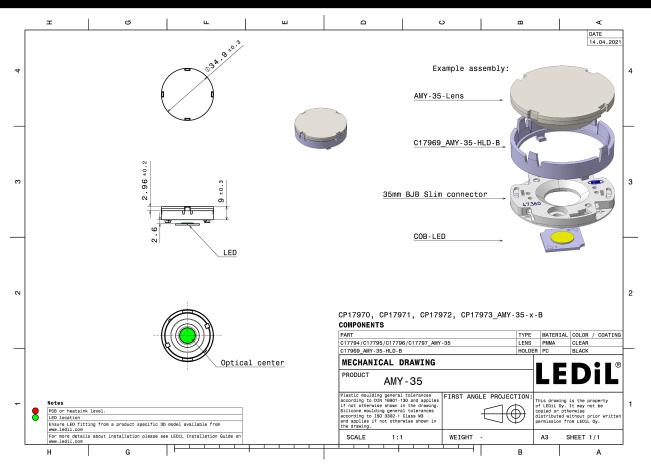
yes 🛈

# **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17972_AMY-35-W-B	1320	132	66	9.4
» Box size: 480 x 280 x 300 mm				

# 

# PRODUCT DATASHEET CP17972\_AMY-35-W-B



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



# **OPTICAL RESULTS (MEASURED):**

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Vesta TW 6mm DP 36.0° / 68.0° 87 % 1.7 cd/lm 1 Tunable White ents:	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
Bender Wirth: 5	04 Typ B35L	34° - 15° 0° 55° - 35°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 6	CLU700/701/702/703 36.0° / 65.0° 90 % 1.8 cd/lm 1 White	
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.360.102	CLU700/701/702/703 35.0° / 66.0° 89 % 1.8 cd/lm 1 White ents:	
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 6	CLU7L3 37.0° / 61.0° 91 % 2 cd/lm 1 White ents:	

Last update: 20/06/2023Subject to change without prior noticePublished: 07/07/2021LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.3/9



# **OPTICAL RESULTS (MEASURED):**

CITIZE	٨N		90* 90*
LED	CLU7S3		
FWHM / FWTM	36.0° / 62.0°		
Efficiency	91 %		60°
Peak intensity	2 cd/lm		
LEDs/each optic	1		
Light colour	White		45°
Required compone			
Bender Wirth: 6	67a Bayonet35		
			30* 200 34* 34*
	D		90*
LED	CMU10xx		
FWHM / FWTM	37.0° / 75.0°		<b>1</b> 2'
Efficiency	87 %		
Peak intensity	1.4 cd/lm		60°-
LEDs/each optic	1		
Light colour	White		45* 45*
Required compone			
BJB: 47.360.102			
			1230
			307 347
	EDS		255 0 <sup>4</sup> 35*
LED	LUXEON 7070		
FWHM / FWTM	35.0° / 66.0°		75. 75.
Efficiency	90 %		
Peak intensity	1.8 cd/lm		
LEDs/each optic	1		
Light colour	White		gi di
Required compone			 1230
	34a Bayonet35L		
	,		1670
Ga			157 00 159
ELUM			90 <sup>+</sup>
LED	CTM-9 (Tunable White)		73*
FWHM / FWTM	38.0° / 75.0°		
Efficiency	85 %		50° 50°
Peak intensity	1.4 cd/lm		
LEDs/each optic	1		
Light colour	Tunable White		
Required compone			
Bender Wirth: 4	95 Type B35L		1230
			36.
			15° 0° 15°



bridgelux.		90 <sup>3</sup>
LED	V10 Gen 8	75.
FWHM / FWTM	37.0° / 70.0°	400
Efficiency	86 %	60°
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	a, a,
Required components:		1200
BJB: 47.360.1020		
		1600
		30 <sup>6</sup> 15 <sup>3</sup> 0 <sup>4</sup> 15 <sup>a</sup>
bridgelux.		50°
LED	V10 Gen 8	75*
FWHM / FWTM	36.0 + 37.0° / 71.0 + 70.0°	400
Efficiency	89 %	60° 60°
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	43 <sup>4</sup> 43°
Required components:		1200
Bender Wirth: 634b I	Bayonet35L	
		1600
		340 340
		15 <sup>9</sup> 0 <sup>8</sup> 15 <sup>9</sup>
bridgelux.		90* 90*
LED	V3 HD Gen 8 FC	
FWHM / FWTM	38.0° / 58.0°	73*
Efficiency	94 %	
Peak intensity	2.2 cd/lm	
LEDs/each optic	1	
Light colour	White	a, a,
Required components:		
Bender Wirth: 634c E	Bayonet35L	1000
		30° 35° 36°
bridgelux.		
LED	V6 HD Gen 8	
FWHM / FWTM	35.0 + 36.0° / 63.0°	
Efficiency	92 %	
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
Bender Wirth: 634c B	Bayonet35L	
Bender Wirth: 634c E	3ayonet35L	
Bender Wirth: 634c E	3ayonet35L	



bridgelux.		90* 90*
LED	Vesta DTW 6mm	
FWHM / FWTM	35.0 + 36.0° / 62.0 + 63.0°	75.
Efficiency	91 %	
Peak intensity	2.1 cd/lm	60° 60°
	1	
LEDs/each optic	ı White	47"
Light colour	White	
Required components: Bender Wirth: 652b E		1690
Dender Wirth. 0520 E	ayonetool	
		30° - 15° 0° 25° - 30°
bridgelux.		90°
LED	Vesta DTW 9mm (4W/6W/12W)	
FWHM / FWTM	35.0 + 36.0° / 67.0°	75* 400 75*
Efficiency	90 %	
Peak intensity	1.9 cd/lm	60°
LEDs/each optic	1	
Light colour	White	42+ 42*
Required components:	Wille	
Bender Wirth: 652b E	avonet251	
Dender Wirtin. 0520 L	ayunetaa	1630
		36° 35° 35°
CITI7EN		
CITIZEN		90 <sup>4</sup>
LED	CLL02x/CLU02x (LES10)	31. 20. 20.
LED FWHM / FWTM	35.0° / 70.0°	50°
LED FWHM / FWTM Efficiency	35.0° / 70.0° 87 %	60* 60* 30* 900 30* 90*
LED FWHM / FWTM Efficiency Peak intensity	35.0° / 70.0° 87 % 1.7 cd/lm	50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	35.0° / 70.0° 87 % 1.7 cd/lm 1	60* 60* 6**
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 70.0° 87 % 1.7 cd/lm	60 60 60 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 70.0° 87 % 1.7 cd/lm 1	60* 60* 6**
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 70.0° 87 % 1.7 cd/lm 1	60 60 60 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 70.0° 87 % 1.7 cd/lm 1	g, do
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 70.0° 87 % 1.7 cd/lm 1	g, do
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	35.0° / 70.0° 87 % 1.7 cd/lm 1	60 60 60 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	35.0° / 70.0° 87 % 1.7 cd/lm 1 White	60 60 60 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	35.0° / 70.0° 87 % 1.7 cd/lm 1 White	60 60 60 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 <b>CITTIZEN</b> LED FWHM / FWTM	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0°	50° 50° 6° 6° 6° 6° 72% 70° 72% 70° 70° 70° 70° 70° 70° 70° 70° 70° 70°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 <b>CITTIZEN</b> LED FWHM / FWTM Efficiency	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 %	30. 30. 30.   60. 60. 60.   60. 60. 60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 CITTIZEN LED FWHM / FWTM Efficiency Peak intensity	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 % 2.1 cd/lm	30. 30. 30.   60. 60. 60.   60. 60. 60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 % 2.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 % 2.1 cd/lm	30. 30. 30.   60. 60. 60.   60. 60. 60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 % 2.1 cd/lm 1	61 61 90 90 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 % 2.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 % 2.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020 CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 70.0° 87 % 1.7 cd/lm 1 White CLU7A2/7A3 36.0° / 60.0° 91 % 2.1 cd/lm 1	



CITIZEN		90*
LED	CLU7B2	
FWHM / FWTM	36.0° / 58.0°	
Efficiency	92 %	605 605
Peak intensity	2.2 cd/lm	
LEDs/each optic	1	
Light colour	White	53* 63*
Required components:		1000
BJB: 47.360.1020		
		304 157 04 258 340
		90* 90*
LED	CMA1306	
FWHM / FWTM	34.0° / 62.0°	78
Efficiency	91 %	
Peak intensity	2.2 cd/lm	
LEDs/each optic	1	
Light colour	White	ar ar
Required components:		150
Bender Wirth: 634c B	ayonet35L	
		300 300
		15° 2800 15°
		90° 90°
LED	CXA/B 15xx	21
FWHM / FWTM	36.0° / 68.0°	400
Efficiency	87 %	age age
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour	White	92°
Required components:		
BJB: 47.360.1030		
		1600
		304 457 04 352 364
		90° 99°
LED	CXA/B 15xx	
FWHM / FWTM	36.0° / 69.0°	75* 75*
Efficiency	86 %	
Peak intensity	1.8 cd/lm	$K \longrightarrow 1 \longrightarrow 2$
LEDs/each optic	1	
Light colour	White	ga ga
Required components:		1220
BJB: 47.360.1030		
		1600
		340 340
		15° 0° 15°



COMPLE	DS	55*
LED	LUXEON CoB 1202/1203	
FWHM / FWTM	36.0° / 68.0°	72 500
Efficiency	88 %	eer la
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	5°
Required components	:	
BJB: 47.360.1110		
		109
		30'
	DS	2127 or 122 80*
LED	LUXEON CoB 1202HD	
FWHM / FWTM	34.0° / 62.0°	75 75
Efficiency	92 %	
Peak intensity	2.1 cd/lm	90 - 000 - K
LEDs/each optic	1	
Light colour	White	
Required components		
Bender Wirth: 652a		
		127 of 122
TRIDONI	С	90*
LED	SLE SNC8 LES06	
FWHM / FWTM	34.0° / 60.0°	
Efficiency	91 %	
Peak intensity	2.2 cd/lm	
LEDs/each optic	1	
Light colour	White	a. a
Required components	:	
BJB: 47.360.1020		
		$\times$ / $\times$ / $\times$
		304



### **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