

PRODUCT DATASHEET F16012_ANGELETTE-M2-B

ANGELETTE-M2-B

~35° medium beam compatible with BJB connectors

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 110.0 mm
Height	57.3 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish	Coating
ANGELETTE-M2-B	Reflector	PC	metal		

ORDERING INFORMATION:

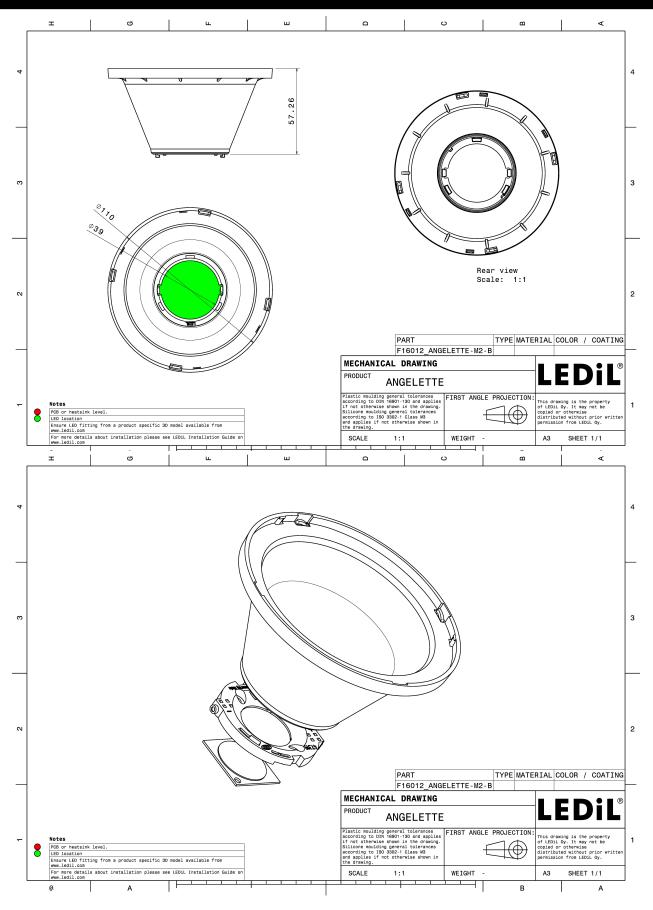
Component

F16012_ANGELETTE-M2-B

» Box size: 398 x 298 x 265 mm

Qty in box	MOQ	MPQ	Box weight (kg)
120	90	30	5.2

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



PHOTOMETRIC DATA (MEASURED):

CITIZE	N	Contract of the second		90*	5
LED	CLL03x/CLU03x				
FWHM / FWTM	38.0° / 82.0°				$\backslash \land$
Efficiency	77 %			60e 400	$\wedge \wedge$
Peak intensity	1.2 cd/lm			Λ / Λ	
LEDs/each optic	1				X
Light colour	White			49°	X
Required compone	ents:			800	
F13671_ANGE-	RZ-LENS				Λ λ
BJB: 47.319.202	21				
				30° 15° 0°	15°
CITIZE	N			90°	
LED	CLL03x/CLU03x	and the second second			
FWHM / FWTM	36.0° / 80.0°			75*	
Efficiency	81 %			400	$\wedge \sim$
Peak intensity	1.3 cd/lm			60°	
LEDs/each optic	1				
Light colour	White		1000	950 200	
Required compone					
BJB: 47.319.202					NX
				1200	HI
				15° 0°	15°
CITIZE	'N				Τ.
	CLL03x/CLU03x				
LED				8	V.F
LED FWHM / FWTM	CLL03x/CLU03x			70 77 60	
LED FWHM / FWTM Efficiency	CLL03x/CLU03x 36.0° / 81.0°			9 99 60	
LED FWHM / FWTM Efficiency Peak intensity	CLL03x/CLU03x 36.0° / 81.0° 78 %		1	27 29 60	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm			27 27 07 07 00	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White			gr gr gr	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents:			2 27 67 67 60	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL			27 27 67 00 1270 1270 00	19*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21			g	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21			2 2 2 2 2 2 2 2 2 2 2 2 2 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21 CLL03x/CLU03x			27 27 40 40 40 50 50 50 50 50 50 50 50 50 5	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CITTIZE LED FWHM / FWTM	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0°			20 20 20 20 20 20 20 20 20 20	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CITTIZE LED FWHM / FWTM Efficiency	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: _ETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0° 78 %			20 20 20 20 20 20 20 20 20 20	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CITTIZE LED FWHM / FWTM Efficiency Peak intensity	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: ETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0° 78 % 1.3 cd/lm			20 20 20 20 20 20 20 20 20 20	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: ETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0° 78 % 1.3 cd/lm 1			2 2 2 2 2 2 2 2 2 2 2 2 2 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0° 78 % 1.3 cd/lm 1 White			2 2 2 2 2 2 2 2 2 2 2 2 2 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0° 78 % 1.3 cd/lm 1 White ents:			20 20 40 40 50 50 50 60 60 60 60 60 60 60 60 60 6	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CCITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15176_ANGEL	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0° 78 % 1.3 cd/lm 1 White ents: LETTE-LENS			27 28 29 29 29 20 20 20 20 20 20 20 20 20 20	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15412_ANGEL BJB: 47.319.202 CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL03x/CLU03x 36.0° / 81.0° 78 % 1.3 cd/lm 1 White ents: LETTE-DL 21 CLL03x/CLU03x 36.0° / 80.0° 78 % 1.3 cd/lm 1 White ents: LETTE-LENS			2 2 2 2 2 2 2 2 2 2 2 2 2 2	



PHOTOMETRIC DATA (MEASURED):

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CREEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.20	CXA/B 1816 & CXA/B 1820 & CXA 1850 29.0° / 79.0° 87 % 1.7 cd/lm 1 White ents:	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.20	LC040C 43.0° / 84.0° 87 % 1.2 cd/lm 1 White ents:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.20	XOB 14.5 mm 35.0° / 80.0° 82 % 1.4 cd/lm 1 White ents:	



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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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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

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