

PRODUCT DATASHEET C16307_OLGA-WAS

OLGA-WAS

Asymmetric beam for wall-washing

SPECIFICATION:

Dimensions	Ø 29.7 mm
Height	17.3 mm
ROHS compliant	yes 🛈



MATERIALS:

Component OLGA-WAS

Type Single lens

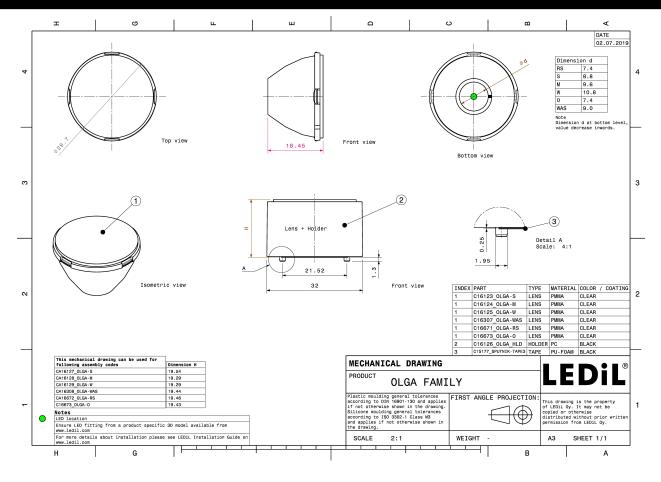
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component
C16307_OLGA-WAS
» Box size: 476 x 273 x 292 mm

Qty in box	MOQ	MPQ	Box weight (kg)
792	132	66	6.5

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



OPTICAL RESULTS (MEASURED):

bridgelux. LED FWHM / FWTM Efficiency Peak intensity	Vesta TW 6mm DP Asymmetric 74 % 0.7 cd/lm	50°
LEDs/each optic Light colour Required componer	1 White its:	5° 60 6°
		30° 15° 0° 15° 30°
CITIZE		50* 50*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLU7B2 Asymmetric 73 % 0.9 cd/lm 1 White	27
Required componer	ıts:	20 ⁴ 20 ⁴ 30 ⁴
CITIZE		90 ⁺
LED FWHM / FWTM Efficiency	CLU7L3 Asymmetric 71 %	
Peak intensity LEDs/each optic Light colour Required componer	1.2 cd/lm 1 White	e'
	ito.	20 ¹ 20 ² 0 ² 30 ²
CITIZE		9°
LED FWHM / FWTM Efficiency	CLU7R3 Asymmetric 70 %	1 30
Peak intensity LEDs/each optic Light colour Required componer	1 cd/lm 1 White its:	6° 6° 6° 6°
		20° 00 30°



OPTICAL RESULTS (MEASURED):

		7
CITIZE	N	90° 90°
LED	CLU7S3	9
FWHM / FWTM	Asymmetric	73.
Efficiency	76 %	
Peak intensity	1.2 cd/lm	60° 400 60°
LEDs/each optic	1	
	White	17 ²
Light colour Required compone		
Required compone	anis.	800
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁵ 36 ⁴
		90* 90*
LED	XHP35 HD	
FWHM / FWTM	Asymmetric	
Efficiency	73 %	504 504
Peak intensity	0.9 cd/lm	400
LEDs/each optic	1	
Light colour	White	65° 600 65°
Required compone	ents:	
		200
		30* 5000 30*
		13 ⁵ 0 ⁶ 15 ⁶
		90*
CREE ÷ LEDs	XP-E2	90° 90°
		92°
LED FWHM / FWTM	XP-E2 Asymmetric 76 %	90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency	Asymmetric 76 %	90* 90* 73* 90* 60* 60*
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	99* 50* 73* 40° 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 1.3 cd/lm 1	99° 90° 90° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 72° 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 1.3 cd/lm 1 White	90 ² 73 ³ 64 ² 65 ² 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 1.3 cd/lm 1 White	90 ⁵ 173 173 173 173 175 175 175 175 175 175 175 175
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 1.3 cd/lm 1 White	50° (10°) 73° (10°) 60° (10°) 60° (10°) 60° (10°) 60° (10°) 60° (10°) 60° (10°)
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 76 % 1.3 cd/lm 1 White	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 76 % 1.3 cd/lm 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 76 % 1.3 cd/lm 1 White ents:	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone ERECES LED FWHM / FWTM Efficiency	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 %	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREECS LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 % 1 cd/lm	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 % 1 cd/lm 1	90 20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 % 1 cd/lm 1 White	90 20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 % 1 cd/lm 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 % 1 cd/lm 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 % 1 cd/lm 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone EREE EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 1.3 cd/lm 1 White ents: XP-L2 Asymmetric 72 % 1 cd/lm 1 White	200



OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors		50° 50°
LED	OSCONIQ P 3737 (3W version)	
FWHM / FWTM	Asymmetric	73.0
Efficiency	75 %	
Peak intensity	1.2 cd/lm	60° 400 60°
LEDs/each optic	1	
Light colour	White	45* 55*
Required compone	nts:	900 30* 12 ⁰ 12 ⁰ 30*
SΛMS	JNG	50* 50*
LED	LH351D	4 M
FWHM / FWTM	Asymmetric	750 770
Efficiency	77 %	
Peak intensity	1 cd/lm	60°
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required compone	nts:	00



OPTICAL RESULTS (SIMULATED):

LED	XHP35.2 HD	90°
FWHM / FWTM	Asymmetric	73° 77°
Efficiency	73 %	
Peak intensity	0.8 cd/lm	60* 60*
LEDs/each optic	1	400
Light colour	White	
Required components:	white	65* 65*
Required components.		
		800
		\times / \top / \times
		30* <u>15</u> 0 ⁶ 13* 30*
		90° 92°
LED	XHP35.2 HI	
FWHM / FWTM	Asymmetric	75 75
Efficiency	74 %	
Peak intensity	1.1 cd/lm	50° 60°.
LEDs/each optic	1	
Light colour	White	45*
Required components:		
		800
		\times / \times
		30° 30° 30°
	JS	90°
		<u>9</u>
	CXM-3	50°
LED FWHM / FWTM		9 ⁷ 2 ⁴ 7 ²
LED FWHM / FWTM Efficiency	CXM-3 Asymmetric 93 %	99° 99° 73° 99° 64° 90° 69°
LED FWHM / FWTM Efficiency Peak intensity	CXM-3 Asymmetric	97 75 69 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXM-3 Asymmetric 93 % 1 cd/lm	97 73 667 60 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-3 Asymmetric 93 % 1 cd/lm 1	97 73 64 60 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXM-3 Asymmetric 93 % 1 cd/lm 1	99° 731 64° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-3 Asymmetric 93 % 1 cd/lm 1	97 131 60 ¹ 60 60 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-3 Asymmetric 93 % 1 cd/lm 1	97 97 139 64 409 67 67 67 67 67 67 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	9° 13° 40° 40° 40° 40° 40° 40° 40° 40
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	99 99 60 60 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-3 Asymmetric 93 % 1 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.

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