

PRODUCT DATASHEET CA13633_G2-LAURA-WW-P

G2-LAURA-WW-P

~65° wide beam. Assembly with thinner white holder, installation tape and location pins.

SPECIFICATION:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIALS:

Component LAURA-WW LAURA-LT-PIN-XP-HLD-WHT ROSE-TAPE

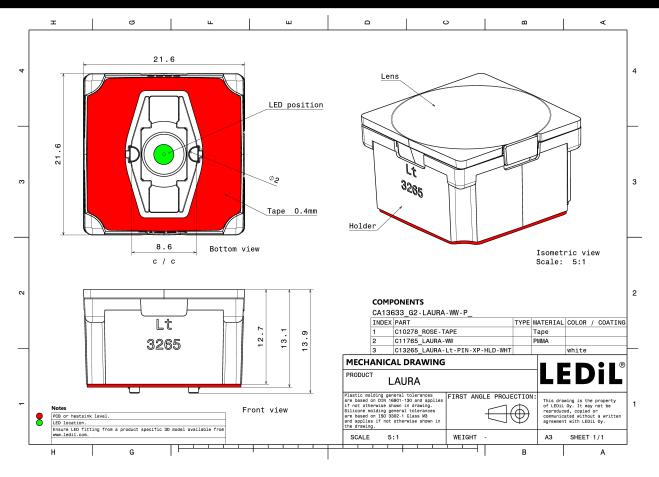
Туре	
Single lens	
Holder	
Таре	

Material	Colour	Finish
PMMA		
PC	white	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13633_G2-LAURA-WW-P	Single lens		360	180	5.7
» Box size:					

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



		90° 90°
LED	XB-D	
FWHM / FWTM	44.0° / 88.0°	
Efficiency	84 %	60° 400 60°
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	g* g*
Required componer	its:	
		34* 1220 36*
CREE 🔶		15 ⁵ 0 ⁶ 15 ⁶
LEDS		
LED	XP-E	
FWHM / FWTM	66.0° / 96.0°	
Efficiency	86 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer	its:	
		90 ⁴
CREE ÷ LED	XP-E2	90°
	XP-E2 63.0° / 95.0°	90° 27° 280
LED		90* 90* 75* 200 80* 60*
LED FWHM / FWTM	63.0° / 95.0°	90* 90* 75* 200 80* 60*
LED FWHM / FWTM Efficiency	63.0° / 95.0° 87 %	94* 99* 75* 200 64* 64*
LED FWHM / FWTM Efficiency Peak intensity	63.0° / 95.0° 87 % 0.9 cd/lm	90° - 90° 90° - 90° 90° - 60° 90° - 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	63.0° / 95.0° 87 % 0.9 cd/lm 1 White	90 ⁴ 99 ⁴ 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	63.0° / 95.0° 87 % 0.9 cd/lm 1 White	90 ⁴ 90 ⁴ 75 ⁴ 200 60 ⁴ 60 ⁴ 5 ⁴ 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	63.0° / 95.0° 87 % 0.9 cd/lm 1 White	94 ⁴ 97 97 98 98 98 99 99 99 99 99 99 99 99 99 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	63.0° / 95.0° 87 % 0.9 cd/lm 1 White	94 95 95 95 96 96 96 96 96 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 componer	63.0° / 95.0° 87 % 0.9 cd/lm 1 White	132 of 132
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts:	94 94 95 95 96 96 96 96 96 96 96 96 96 96 96 96 96
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts:	132 of 132
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0°	132 of 332
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0° 87 %	132 of 332
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0°	132 of 332
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0° 87 % 0.8 cd/lm 1	122 0° 722
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Equired componer CREE E E E E E E E E E E E E E E E E E	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0° 87 % 0.8 cd/lm 1 White	122 0° 722
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0° 87 % 0.8 cd/lm 1 White	200 200 200 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Equired componer CREE E E E E E E E E E E E E E E E E E	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0° 87 % 0.8 cd/lm 1 White	200 200 200 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Equired componer CREE E E E E E E E E E E E E E E E E E	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0° 87 % 0.8 cd/lm 1 White	200 200 200 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Equired componer CREE E E E E E E E E E E E E E E E E E	63.0° / 95.0° 87 % 0.9 cd/lm 1 White tts: XP-G2 64.0° / 97.0° 87 % 0.8 cd/lm 1 White	200 00 200 00 400



		50* 50*
LED	XT-E	
FWHM / FWTM	58.0° / 94.0°	75 200
Efficiency	86 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required compone		
		30° 1090 15°
🥙 LUMIL	EDS	90 ⁴ 99 ⁷
LED	LUXEON 3030 2D (Round LES)	
FWHM / FWTM	36.0° / 82.0°	70
Efficiency	88 %	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	er (************************************
Required compone	ents:	
		129
		304 360
	EDS	20 ¹ <u>26</u> 20 ¹
LED		
FWHM / FWTM	56.0° / 96.0° 86 %	
Efficiency		
Peak intensity LEDs/each optic	1 cd/lm 1	
LEDS/each optic	ı White	
Required compone		
Required compone		
ØNICHI/	۱	90° 99
LED	NCSxx19A	
FWHM / FWTM	43.0° / 88.0°	
Efficiency	86 %	
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		36 ⁴ 36 127 0 ⁶ 127
-		



Manage		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSW219D 81.0° / 113.0° 93 % 0.7 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSxx19A 44.0° / 89.0° 85 % 1.1 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSxx19B/NVSxx19C 62.0° / 95.0° 86 % 0.8 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	OSLON Square EC 60.0° / 96.0° 86 % 0.9 cd/lm 1 White nts:	



ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351D 78.0° / 110.0° 93 % 0.7 cd/lm 1 White		
stool semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M1/Z5M2 58.0° / 93.0° 86 % 0.9 cd/lm 1 White ents:		
seoul semiconouctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M3 54.0° / 94.0° 93 % 1 cd/lm 1 White ents:		



OPTICAL RESULTS (SIMULATED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP35 HI 74.0° / 100.0° 94 % 0.7 cd/lm 1 White	99 ⁴ 99 ⁴ 72 09 ⁴ 200 09 ⁴ 00 ⁴ 00 ⁴ 00 ⁴ 00 ⁴ 00 ⁴ 00 ⁴ 00 ⁴
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G3 72.0° / 100.0° 94 % 0.8 cd/lm 1 White	25° 00° 25° 27° 00° 25° 28° 00°
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-L2 72.0° / 102.0° 94 % 0.8 cd/lm 1 White	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XQ-E HI 58.0° / 92.0° 96 % 1.1 cd/lm 1 White	99 ⁴ 99 ⁴ 9



OPTICAL RESULTS (SIMULATED):

[
OSRAM		90° 90°
Opto Semiconductors	Duris S8	
FWHM / FWTM	48.0° / 90.0°	25* 25*
Efficiency	97 %	
Peak intensity	1.2 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	' White	43.4
Required components:	WING	
required components.		
		30° 30° 30° 30°
OSRAM Opto Semiconductors		90°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	63.0° / 95.0°	75°
Efficiency	94 %	
Peak intensity	1 cd/im	60°
LEDs/each optic	1	
Light colour	White	43*
Required components:		
		300 300
		15° 0° 15°
OSRAM Opto Semiconductors		90* 90*
OSRAM Opto Semiconductors LED	OSLON Square Flat	
Opto Semiconductors	OSLON Square Flat 35.0° / 86.0°	25 26, 25 26, 26
Opto Semiconductors		
Opto Semiconductors LED FWHM / FWTM	35.0° / 86.0°	
opto Semiconductors LED FWHM / FWTM Efficiency	35.0° / 86.0° 94 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	35.0° / 86.0° 94 % 1.5 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	35.0° / 86.0° 94 % 1.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 86.0° 94 % 1.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 86.0° 94 % 1.5 cd/lm 1	97
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 86.0° 94 % 1.5 cd/lm 1	34 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 86.0° 94 % 1.5 cd/lm 1	2, <u>15, 15, 15, 15, 15, 15, 15, 15, 15, 15, </u>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	35.0° / 86.0° 94 % 1.5 cd/lm 1 White	30°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150	2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0°	Nn Nn Nn
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 %	30 30<
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 % 0.8 cd/lm	30 30<
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 % 0.8 cd/lm 1	30 30<
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 % 0.8 cd/lm	30 30<
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 % 0.8 cd/lm 1	30 30<
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 % 0.8 cd/lm 1	Nn Nn Nn
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 % 0.8 cd/lm 1	30 30 30 30 60 60 60 60 60 60 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	35.0° / 86.0° 94 % 1.5 cd/lm 1 White OSLON SSL 150 74.0° / 103.0° 94 % 0.8 cd/lm 1	30 30 30 30 60 60 60 60 60 60 60 60



OPTICAL RESULTS (SIMULATED):

Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SFH 4770S 32.0° / 80.0° 92 % 1.8 cd/lm 1 White	
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH508A 47.0° / 89.0° 97 % 1.3 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
SECUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z8Y22P 42.0° / 88.0° 97 % 1.4 cd/lm 1 White	



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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.

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

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