

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

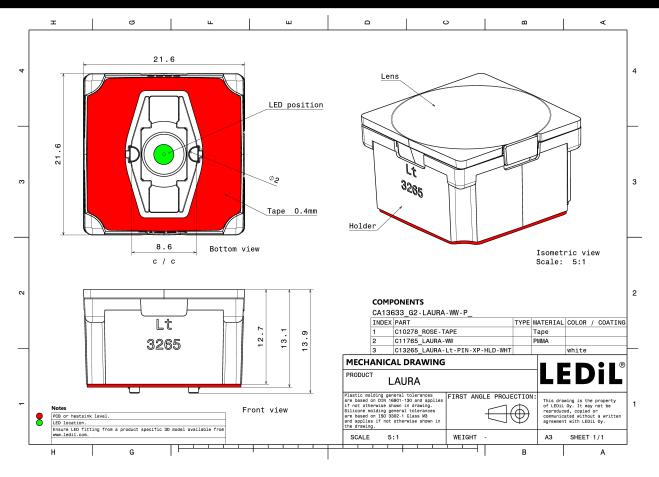
Туре	
Single lens	
Holder	
Таре	

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	