

# PRODUCT DATASHEET CA13631\_G2-LAURA-O-P

# G2-LAURA-O-P

~40° x 13° oval 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-O LAURA-LT-PIN-XP-HLD-WHT ROSE-TAPE

Туре	
Single lens	
Holder	
Таре	

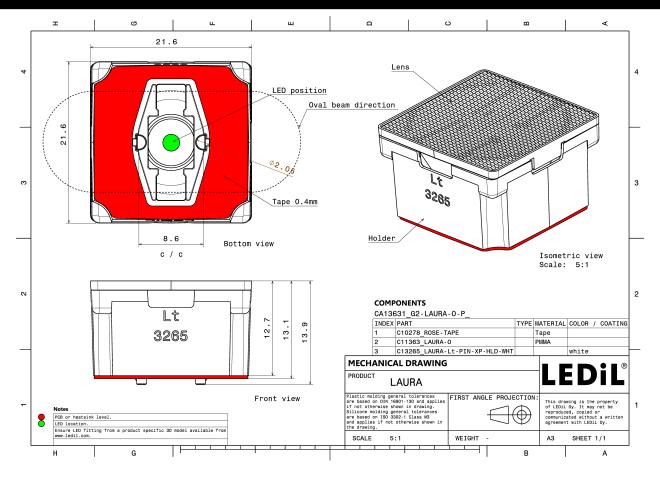
Material	Colour	Finish
PMMA	clear	
PC	white	
Acrylic foam	black	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13631_G2-LAURA-O-P	Single lens	1440	360	180	6.0
» Box size: 451 x 254 x 152 mm					

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



			50° 50°
LED	XB-D		
FWHM / FWTM	41.0 + 13.0° / 57.0 + 26.0°		
Efficiency	86 %		1600
Peak intensity	4.8 cd/lm		
LEDs/each optic	1		
Light colour	White		43 <sup>4</sup> 43 <sup>4</sup>
Required compone			3200
			X
			30° 30° 30°
			30*
LED	ХВ-Н		
FWHM / FWTM	41.0 + 13.0° / 58.0 + 26.0°		73. 23.
Efficiency	87 %		
Peak intensity	4.6 cd/lm		
LEDs/each optic	1	_	
Light colour	White		43, 42,
Required compone			. 2200
			30° 4500 30°
			125° 0° 155°
CREE 🔶 LEC			
LED	XP-E		
FWHM / FWTM	40.0 + 13.0° / 55.0 + 24.0°		
Efficiency	91 %		
Peak intensity	4.8 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	nts:		
			90° 90°
LED	XP-E2		75
FWHM / FWTM	41.0 + 11.0° / 55.0 + 22.0°		
Efficiency	88 %		60° 60°
Peak intensity	5.8 cd/lm		
LEDs/each optic	1		
Light colour	White		e / / / / / /
Required compone	nts:		
			6830
1			
			30° 33° 6690 35°



CREE CLEU FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 41.0 + 14.0° / 58.0 + 27.0° 87 % 4.8 cd/lm 1 White	
CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 39.0 + 13.0° / 58.0 + 29.0° 93 % 4.3 cd/lm 1 White	93 <sup>4</sup> 93 94 94 95 95 94 96 94 96 96 96 96 96 96 96 96 96 96 96 96 97 96 96 97 96 96 97 97 96 96 97 97 96 97 97 96 97 97 97 97 97 97 97 97 97 97 97 97 97
CREE CLEU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 38.0 + 16.0° / 60.0 + 34.0° 89 % 3.8 cd/lm 1 White	
CREE CLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L2 38.0 + 17.0° / 64.0 + 38.0° 84 % 3.1 cd/lm 1 White	



CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 40.0 + 14.0° / 59.0 + 29.0° 87 % 4.4 cd/lm 1 White	
	FDC	10 <sup>-</sup> 4600 10 <sup>-</sup>
CONTRACTOR OF CONTRACTOR CONTRA T	LUXEON 3030 2D (Round LES) 40.0 + 13.0° / 58.0 + 26.0° 88 % 4.7 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 40.0 + 15.0° / 60.0 + 28.0° 90 % 4.7 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON TX 41.0 + 14.0° / 59.0 + 27.0° 87 % 4.6 cd/lm 1 White	

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	EDC	
EUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 39.0 + 13.0° / 58.0 + 29.0° 93 % 4.4 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 41.0 + 13.0° / 58.0 + 27.0° 87 % 4.7 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 40.0 + 12.0° / 56.0 + 24.0° 87 % 4.9 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW219D 38.0 + 14.0° / 59.0 + 29.0° 94 % 4.4 cd/lm 1 White	



		50*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19A 40.0 + 15.0° / 60.0 + 30.0° 87 % 4.3 cd/lm 1 White	
<b>ØNICHI</b>		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C 37.0 + 12.0° / 62.0 + 28.0° 89 % 5.3 cd/lm 1 White ents:	
OSRAM Opto Semiconductors		
LED	OSLON Square CSSRM2/CSSRM3	
Efficiency Peak intensity LEDs/each optic Light colour	39.0 + 12.0° / 57.0 + 25.0° 94 % 4.9 cd/lm 1 White	75° 99° 1000 95° 2000
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	39.0 + 12.0° / 57.0 + 25.0° 94 % 4.9 cd/lm 1 White	



SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351D 37.0 + 17.0° / 63.0 + 34.0° 92 % 3.6 cd/lm 1 White	
seour SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M1/Z5M2 40.0 + 12.0° / 57.0 + 26.0° 86 % 4.6 cd/lm 1 White ents:	
stout staniconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M3 39.0 + 15.0° / 60.0 + 32.0° 94 % 4 cd/lm 1 White ents:	



	XQ-E HD	50° 50°
FWHM / FWTM	66.0 + 9.0° / 89.0 + 18.0°	75*
Efficiency	94 %	
Peak intensity	94 % 4 cd/lm	60 <sup>5</sup> 60 <sup>6</sup>
LEDs/each optic	1	
Light colour	' White	43°
Required components:	Wine	
required components.		200
		30° 30° 30°
	DS	90°
LED	LUXEON 3535L	75
FWHM / FWTM	62.0 + 10.0° / 84.0 + 23.0°	
Efficiency	91 %	60°
Peak intensity	3.2 cd/lm	
LEDs/each optic	1	1600
Light colour	White	a.
Required components:		
		30° 30°
<b>Μ</b> ΝΙCΗΙΛ		90° 90°
LED	NCSxE17A	
FWHM / FWTM	62.0 + 10.0° / 82.0 + 20.0°	75 75*
Efficiency	90 %	800
Peak intensity	3.3 cd/lm	60° 60°
LEDs/each optic	1	100
Light colour	White	gr qr
Required components:		
		300 200
		15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>5</sup>
<b>ΜΝΙCΗΙΛ</b>		90° 90°
LED	NVSW219F	
FWHM / FWTM	60.0 + 14.0° / 84.0 + 30.0°	
Efficiency	88 %	800
Peak intensity	2.7 cd/lm	
LEDs/each optic	1	
Light colour	White	5° 5°
Required components:		
		36° 36° 10°



<b>Μ</b> ΝΙCΗΙΛ		50° 20°
LED	NVSxE21A	
FWHM / FWTM	62.0 + 12.0° / 84.0 + 24.0°	75°
Efficiency	90 %	
Peak intensity	2.8 cd/lm	60°
LEDs/each optic	1	
Light colour	White	47° 45°
Required components:		
		2300
		316 36.
		15° 0° 15°
OSRAM Opto Semiconductors		90° (5
LED	OSCONIQ C 2424	
FWHM / FWTM	61.0 + 12.0° / 82.0 + 24.0°	75°
Efficiency	90 %	800
Peak intensity	3 cd/lm	
LEDs/each optic	1	
Light colour	White	q7
Required components:		
		200
		30* 30*
		15° 3820 15°
OSRAM Opto Semiconductors		90* 90*
LED		
	OSCONIQ P 3030	
FWHM / FWTM	OSCONIQ P 3030 66.0 + 10.0° / 85.0 + 19.0°	751 750
FWHM / FWTM Efficiency	66.0 + 10.0° / 85.0 + 19.0° 91 %	77
Efficiency	66.0 + 10.0° / 85.0 + 19.0°	000 35.
	66.0 + 10.0° / 85.0 + 19.0° 91 %	55
Efficiency Peak intensity	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm	57
Efficiency Peak intensity LEDs/each optic	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1	209 - 209 -
Efficiency Peak intensity LEDs/each optic Light colour	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1	97 - 27 100 - 27 100 - 40 100 - 40 100 - 40 100 - 40
Efficiency Peak intensity LEDs/each optic Light colour	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1	27 64 64 65 77 100 100 100 100 100 100 100 100
Efficiency Peak intensity LEDs/each optic Light colour	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1	77° 000 00 00 00 00 00 00 00 00 00 00 00 0
Efficiency Peak intensity LEDs/each optic Light colour Required components:	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1	2000
Efficiency Peak intensity LEDs/each optic Light colour Required components:	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black	2000
Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0°	54° 55° 55° 55° 55° 55° 55° 55° 55° 55°
Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° %	54° 55° 6° 55° 55°
Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° % 3.2 cd/lm	2000 2000 2000 2000 2000 2000 2000 200
Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° % 3.2 cd/lm 1	200 200 200 200 200 200 200 200 200 200
Efficiency Peak intensity LEDs/each optic Light colour Required components: ODE SERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° % 3.2 cd/lm	2000 2000 2000 2000 2000 2000 2000 200
Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° % 3.2 cd/lm 1	2400 2400 2400 250 250 250 250 250 250 250 250 250 2
Efficiency Peak intensity LEDs/each optic Light colour Required components: ODE SERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° % 3.2 cd/lm 1	235 245 25 25 25 25 25 25 25 25 25 25 25 25 25
Efficiency Peak intensity LEDs/each optic Light colour Required components: ODE SERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° % 3.2 cd/lm 1	235 245 25 25 25 25 25 25 25 25 25 25 25 25 25
Efficiency Peak intensity LEDs/each optic Light colour Required components:	66.0 + 10.0° / 85.0 + 19.0° 91 % 3.7 cd/lm 1 White OSLON Black 62.0 + 10.0° / 83.0 + 20.0° % 3.2 cd/lm 1	235 235 25 25 25 25 25 25 25 25 25 25 25 25 25



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Signal 62.0 + 8.0° / 82.0 + 18.0° 90 % 3.9 cd/lm 1 Red	20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>1</sup> 20 <sup>2</sup> 20
Ostran Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square Flat 61.0 + 10.0° / 82.0 + 23.0° 89 % 3.1 cd/lm 1 White	5°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON SSL 150 62.0 + 10.0° / 83.0 + 20.0° 91 % 3.5 cd/lm 1 White	500 77 77 500 500 60 60 60 60 60 60 60 60 60
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON SSL 80 62.0 + 10.0° / 84.0 + 24.0° 90 % 3.2 cd/lm 1 White	B2 04 D2 04   20 200 20 20   24 900 66 66   300 900 66 25   25 900 65 25   26 900 65 25   26 900 65 25   26 900 65 25



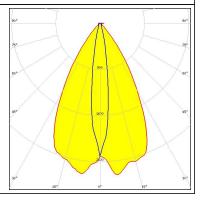
#### OSRAM Opto Semiconductors

LED SI FWHM / FWTM 63 Efficiency 88 LEDs/each optic 1 Light colour W Required components:

SFH 4770S 63.0 + 11.0° / 83.0 + 27.0° 88 % 1 White

#### SEOUL

seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Z8Y22P 60.0 + 12.0° / 84.0 + 30.0° 93 % 2.7 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.

#### 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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#### 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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