

LAURA-SS-PG

~11° smooth spot beam. Assembly with white holder and location pins.

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

Component	
LAURA-SS	
LAURA-HLD-PIN	

Туре	
Single lens	
Holder	

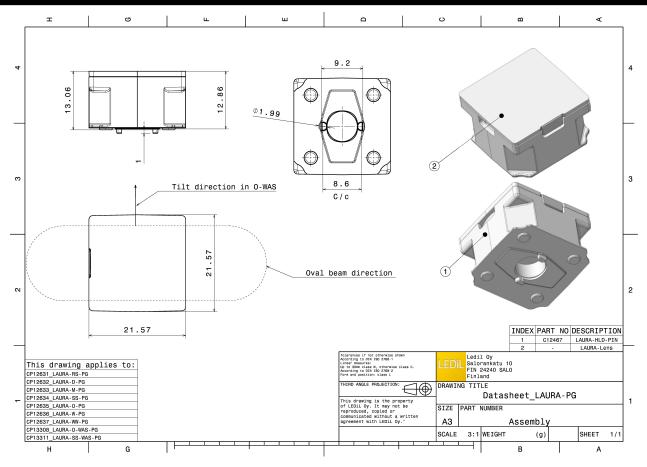
Material	Colour	Finish
PMMA		
PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12634_LAURA-SS-PG	Single lens	1960	294	98	10.9
» Box size: 480 x 280 x 300 mm					



PRODUCT DATASHEET CP12634_LAURA-SS-PG



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



PHOTOMETRIC DATA (MEASURED):

CREE ID LED XP-E+HEW FMMN FVTM 12.0° / 24.0° Efficiency 92.% Peak intensity 11.7 cd/m LEDsreach optic 1 Light colour White Required components: Image: I				
FWHN/FWTM 120/200 Efficiency 92% Peak intensity LED XP-G FWHN/FWTM 100/200 Efficiency 93% Peak intensity 13 cd/m LEDs(each optic 1 LLD) to clour White Required components: ECREE CIED LED XT-E FWHN/FWTM 130/200 Efficiency 93% Peak intensity 11.9 cd/m LEDs(each optic 1 LLD) to clour White Required components: ECREE CIED LED XT-E FWHN/FWTM 130/200 Efficiency 93% Peak intensity 11.9 cd/m LEDs(each optic 1 LLD) to clour White Required components: ECREE CIED LED XT-E FWHN/FWTM 130/200 Efficiency 93% Peak intensity 11.9 cd/m LEDs(each optic 1 LLD) to clour White Required components: EF CUMILEDS LED LUNECDS LED LUNECONA FWHN/FWTM 14.0/27.0° Efficiency 93%				
FWHM / FWTM 12.07 / 24.07 Efficiency 92 % Peak intensity 11.7 cd/m LEDs/each optio 1 Light colour White Required components: Image: Components Image: Components:	LED	XP-E-HEW		
Efficiency 92% Peak intensity 11.7 col/m LED/seach optic 1 Light colour White Required components:				
Peak intensity 11.7 cd/m LED is intensity 11.7 cd/m LED XP-6 FVHM / FVTTM 14.0° / 28.0° Efficiency 93 % Peak intensity 13 cd/m LED is intensity 11.9 cd/m LED XT-E FVHM / FVTTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/m LED is intensity 11.		92 %		
LEDs/each optic 1 Light colour White Required components:		11.7 cd/lm		
Light colour White Required components: CREE TED LED XP-G FVMM / FVTM 14.0° / 26.0° Efficiency 93 % Peak intensity 13 col/m LEDs/each optic 1 Light colour White Required components: CREE TED LED XT-E FVMM / FVTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 col/m LEDs/each optic 1 Light colour White Required components: CONTENT 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 col/m LEDs/each optic 1 Light colour White Required components: ED UMILEDS LED V LUXEONA FVMM / FVTM 14.0° / 27.0° Efficiency 93 %		1		
Required components:				
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LED XP-G FWHM / FWTM 14.0° / 26.0° Efficiency 93 % Peak intensity 13 cd/m LEDs/each optic 1 Light colour White Required components: CREE © LED LED XT-E FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components: CUMILEDS LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				
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LED XP-G FWHM / FWTM 14.0° / 26.0° Efficiency 93 % Peak intensity 13 cd/m LEDs/each optic 1 Light colour White Required components: CREE © LED LED XT-E FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components: CUMILEDS LED LUXEENS LED LUXEENA FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				
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Efficiency 93 % Peak intensity 13 cd/m LEDs/each optic 1 Light colour White Required components: Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components: Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components: Efficiency 93 %				73
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Required components:				
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LED XT-E FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components:	Required compone	nts:		9600
LED XT-E FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components:				
LED XT-E FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components:				
LED XT-E FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components:				30* 30*
LED XT-E FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/lm LEDs/each optic 1 Light colour White Required components:				125° 0° 155°
FWHM / FWTM 13.0° / 28.0° Efficiency 93 % Peak intensity 11.9 cd/lm LEDs/each optic 1 Light colour White Required components: ************************************				90
Efficiency 93 % Peak intensity 11.9 cd/lm LEDs/each optic 1 Light colour White Required components: CUMILEDS LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				75
Peak intensity 11.9 cd/m LEDs/each optic 1 Light colour White Required components:				
LEDs/each optic 1 Light colour White Required components:				600 600
Light colour White Required components:				
Required components:				6430
LUMILEDS LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				42*
LUMILEDS LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %	Required compone	nts:		
LUMILEDS LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				19600
LUMILEDS LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				\times / \vee \times
LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				30° 15° 13800 15°
LED LUXEON A FWHM / FWTM 14.0° / 27.0° Efficiency 93 %		EDS		90*
FWHM / FWTM 14.0° / 27.0° Efficiency 93 %				
Efficiency 93 %				73
				69° (64)
LEDs/each optic 1				
Light colour White				92 ⁺ 6430
Required components:				
	required compone	ms.		
	required compone	nis.		800
34		nis.		959 34°



PHOTOMETRIC DATA (MEASURED):

🥙 LUMIL	.EDS	
LED	LUXEON Rebel	
FWHM / FWTM	11.0° / 22.0°	
Efficiency	92 %	
Peak intensity	16 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
ØNICHI/	N Contraction of the second se	90*
LED	NVSxx19A	
FWHM / FWTM	14.0° / 28.0°	73
Efficiency	92 %	50%
Peak intensity	9.9 cd/lm	
LEDs/each optic	1	
Light colour	White	932
Required compone	ents:	
		300
OSRAM		90°
Opto Semiconductors	OSLON Square EC	
FWHM / FWTM	11.0° / 25.0°	73
Efficiency	91 %	
Peak intensity	12.1 cd/lm	
LEDs/each optic	1	6130
Light colour	White	95*
Required compone	ents:	
		30° 12800 15° 0° 15°



PHOTOMETRIC DATA (SIMULATED):

		90*
LED	XP-E	75*
FWHM / FWTM	12.0° / 22.0°	
Efficiency	96 %	60 ¹ 6400 60 ³
Peak intensity	18.3 cd/lm	\wedge $/$ $/$ \wedge \wedge $/$
LEDs/each optic	1	
Light colour	White	gr at
Required components:		12800
		30° 15000 30°
MICHIΛ		90* 90*
LED	NCSxx19A	
FWHM / FWTM	12.0° / 22.0°	75
Efficiency	94 %	
Peak intensity	18.2 cd/lm	601 640 640 F
LEDs/each optic	1	
Light colour	White	95
Required components:		12600
		300 32.0
		15000 UT 150
OSRAM Opto Semiconductors		90* 90*
OSRAM Opto Semiconductors LED	OSLON SSL 150	
Opto Semiconductors	OSLON SSL 150 12.0° / 22.0°	95°
Opto Semiconductors		
^{Opto Semiconductors} LED FWHM / FWTM	12.0° / 22.0°	
^{opto Semiconductors} LED FWHM / FWTM Efficiency	12.0° / 22.0° 96 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	12.0° / 22.0° 96 % 17.4 cd/lm	
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	12.0° / 22.0° 96 % 17.4 cd/lm 1	73° 75° 75° 75°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 22.0° 96 % 17.4 cd/lm 1	73° 75° 75° 75°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 22.0° 96 % 17.4 cd/lm 1	57 - 57 600 - 67 600 - 67
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 22.0° 96 % 17.4 cd/lm 1	57 - 57 600 - 67 600 - 67
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 22.0° 96 % 17.4 cd/lm 1	g
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 22.0° 96 % 17.4 cd/lm 1 White	g
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 22.0° 96 % 17.4 cd/lm 1 White OSLON SSL 80	g
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	12.0° / 22.0° 96 % 17.4 cd/lm 1 White OSLON SSL 80 12.0° / 23.0°	30. 100. 23. 100. 33. 10. 23. 10. 23. 10.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	12.0° / 22.0° 96 % 17.4 cd/lm 1 White OSLON SSL 80 12.0° / 23.0° 96 %	30. 100. 23. 100. 33. 10. 23. 10. 23. 10.
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 22.0° 96 % 17.4 cd/lm 1 White OSLON SSL 80 12.0° / 23.0° 96 % 16.4 cd/lm	No. No. 30. 10.0 20. 10.0 20. 00.0 20. 00.0 20. 00.0
opte 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	12.0° / 22.0° 96 % 17.4 cd/lm 1 White OSLON SSL 80 12.0° / 23.0° 96 % 16.4 cd/lm 1	30. 100. 23. 100. 33. 10. 23. 10. 23. 10.
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 22.0° 96 % 17.4 cd/lm 1 White OSLON SSL 80 12.0° / 23.0° 96 % 16.4 cd/lm	
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opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 22.0° 96 % 17.4 cd/lm 1 White OSLON SSL 80 12.0° / 23.0° 96 % 16.4 cd/lm 1	94 94 94 94 94 95 95 95 95 95 95 95 95 95 95



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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