

PRODUCT DATASHEET CA12325_LAURA-WW-PIN

LAURA-WW-PIN

~65° wide beam optimized for CREE XP-E. Assembly with white holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

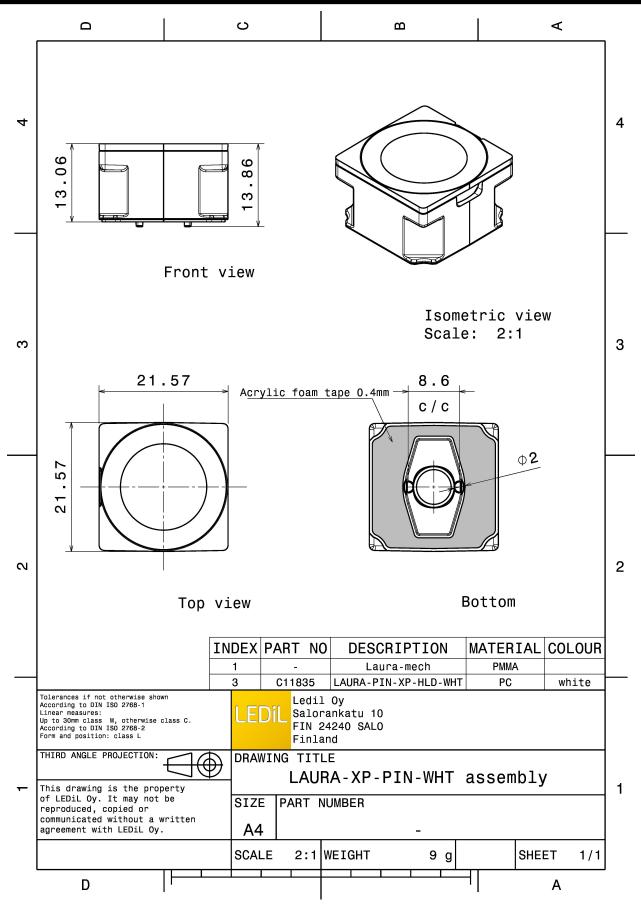
Component	Туре	Material	Colour	Finish
LAURA-WW	Single lens	PMMA		
LAURA-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Таре	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12325_LAURA-WW-PIN	Single lens	1440	360	180	7.7
» Box size:					



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



PHOTOMETRIC DATA (MEASURED):

|--|

LED	XB-D
FWHM / FWTM	48.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:

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 compon	ents:

 LED
 XP-G

 FWHM / FWTM
 68.0° / 100.0°

 Efficiency
 86 %

 Peak intensity
 0.6 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 1

LEDLUXEFWHM / FWTM56.0°Efficiency%Peak intensity1 cd/lrLEDs/each optic1Light colourWhiteRequired components:

LUXEON Rebel 56.0° / 92.0° % 1 cd/lm 1 White



PHOTOMETRIC DATA (MEASURED):

🤭 LUMIL	EDS		30* 30*
LED	LUXEON T		
FWHM / FWTM	65.0° / 98.0°		75' 75'
Efficiency	87 %		
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		400
Light colour	White		45*
Required compone	nts:		
			30- 00 30
	FDC		15° 0° 35°
			30*
LED	LUXEON Z ES		75.
FWHM / FWTM	44.0° / 89.0°		
Efficiency	91 %		60° 400 60°
Peak intensity	1.2 cd/lm		
LEDs/each optic	1		
Light colour	White		43° 43'
Required compone	nts:		
			30° 5250 30° 30°
ØNICHI			90° 90'
	NCSxx19B	-	90 ⁴
			30 ¹ 30 ¹
LED	NCSxx19B		50° 50°
LED FWHM / FWTM	NCSxx19B 49.0° / 92.0°		90 ⁴ 90 ⁷
LED FWHM / FWTM Efficiency	NCSxx19B 49.0° / 92.0° 88 %		602 602 502 502 502 502 502 502 502 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White		gr gr gr gr gr gr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White		91 ⁴ 92 ⁴ 71 ⁴ 61 ⁴ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White		50 ⁴ 50 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White		54 ⁴ 59 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White		24° 257 1200 120° 261
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts:		2° - 90 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts:		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts:		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts:		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts: NF2x757D 42.0° / 85.0° 88 %		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts: NF2x757D 42.0° / 85.0°		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts: NF2x757D 42.0° / 85.0° 88 % 1.3 cd/lm		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts: NF2x757D 42.0° / 85.0° 88 % 1.3 cd/lm 1 White		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts: NF2x757D 42.0° / 85.0° 88 % 1.3 cd/lm 1 White		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts: NF2x757D 42.0° / 85.0° 88 % 1.3 cd/lm 1 White		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 49.0° / 92.0° 88 % 1.1 cd/lm 1 White nts: NF2x757D 42.0° / 85.0° 88 % 1.3 cd/lm 1 White		000 31 ⁴ 35 ⁴ 120 120 120 15 ⁴ 35 ⁴



PHOTOMETRIC DATA (SIMULATED):

FWHM / FWTM 80.0° / 108.0° Efficiency 93.% Pask Intensity 0.6 cd/m LEDseach optic 1 Light colour White Required components: Image: CSSRM2/CSSRM3 FMMA / FWTM FS.0° / 92.0° Efficiency 97.% Pask Intensity 1.0d/m LED seach optic 1 Light colour White Required components: Image: CSSRM2/CSSRM3 FWMA / FWTM 64.0° / 95.0° ElD OSLON Square CSSRM2/CSSRM3 FWMA / FWTM 64.0° / 95.0° ElD OSLON Square CSSRM2/CSSRM3 FWMA / FWTM 64.0° / 95.0° ElD OSLON Square CSSRM2/CSSRM3 FWMA / FWTM 64.0° / 95.0° ElD OSLON Square ES CSRAME Image: CSRM2/CSSRM3 ElD Montonits: Image: CSRM2/CSSRM3 FWMA / FWTM 64.0° / 95.0° ElD/Sock optic 1 Light colour White Required components: Image: CSRM2/CSSRM3 FWMA / FWTM 64.0° / 95.0°		LUXEON H50-2	
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Peak intensity 0.6 cd/m LEDVeendo polic 1 LEDVeendo polic 1 LEDVeendo polic 1 LEDVeendo polic 1 LEDVeendo polic 1 Light colour White Required components:			
LEDerech optic 1 Light colour White Required components:	-		
Light colour White Required components:			
Required components:			
Image: Second			
LED NV4WB35AM FWHM /FWTM 55.0° / 92.0° Efficiency 97% Peak intensity 1.1 cd/ln LEDs/each optic 1 Light colour White Required components:			
LED NV4WB35AM FWHM /FWTM 55.0° / 92.0° Efficiency 97% Peak intensity 1.1 cd/ln LEDs/each optic 1 Light colour White Required components:	~		
FWHM / FWTM 55.0° / 92.0° Efficiency 97% Peak intensity 1.1 dd/m LEDs/each optic 1 Light colour White Required components: CORRAM Peak intensity 1 cd/m LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 64.0° / 95.0° Findiency 96% Peak intensity 1 cd/m LEDs/each optic 1 Light colour White Required components: CORRAM Peak intensity 1 cd/m LEDs/each optic 1 Light colour White CORRAM Peak intensity 0.8 cd/m LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96% Peak intensity 0.8 cd/m LED / OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96% Peak intensity 0.8 cd/m LED / OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96% Peak intensity 0.8 cd/m			90* 90*
Efficiency 97% Peak intensity 1.1 cd/m LEDs/each optic 1 LEDs/each optic 1 LEDs/each optic 1 LEDs/each optic 2 Required components:	LED		75
Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:	FWHM / FWTM		
LEDs/each optic 1 Light colour White Required components: COSCAM GOUSTION Square CSSRM2/CSSRM3 FWHM / FWTM 64.0° / 95.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: COSCAM Conservation COSCAM Required components: COSCAM Conservation COSCAM Conservation	Efficiency		60° 60°
Light colour White Required components:			
Required components: DSEAM LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 64.0° / 95.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 LEDs/each optic 1 LEDs/each optic 1 Light colour White			
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Operation LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 64.0° / 95.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:			
Operation LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 64.0° / 95.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:			
Operation LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 64.0° / 95.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:			30° 15° 0° 35°
LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 64.0° / 95.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:	OSRAM Oto Samiconductors		90* 90*
FWHM / FWTM 64.0° / 95.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State S		OSI ON Square CSSRM2/CSSRM3	
Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: COSCAM Destember LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			75* 75*
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LEDs/each optic 1 Light colour White Required components: Image: Components of the second of the			60°
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Required components:	LLDS/Each Uplic	1	
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OSRAM Opto Semiconductors LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	Light colour		97 66a 97
OSRAM Opto Semiconductors LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			97 60 - 67
OSRAM Opto Semiconductors LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	Light colour		e. 600 e.
Optio Semiconductors Delta Semiconductors LED OSLON Square EC FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	Light colour		30° 5°
FWHM / FWTM 76.0° / 100.0° Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	Light colour		
Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	Light colour Required components:	White	
Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	Light colour Required components: Osto Semiconductors LED	White OSLON Square EC	
LEDs/each optic 1 Light colour White	Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	White OSLON Square EC 76.0° / 100.0°	
Light colour White	Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency	White OSLON Square EC 76.0° / 100.0° 96 %	
	Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	White OSLON Square EC 76.0° / 100.0° 96 % 0.8 cd/m	
	Light colour Required components: OSCAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White OSLON Square EC 76.0° / 100.0° 96 % 0.8 cd/lm 1	
	Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White OSLON Square EC 76.0° / 100.0° 96 % 0.8 cd/lm 1	
	Light colour Required components: OSCAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White OSLON Square EC 76.0° / 100.0° 96 % 0.8 cd/lm 1	
	Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White OSLON Square EC 76.0° / 100.0° 96 % 0.8 cd/lm 1	



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:

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