## PRODUCT DATASHEET CA11960\_LAURA-D-PIN

### **LAURA-D-PIN**

~15° diffused spot beam optimized for CREE XP-E. Assembly with 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:**

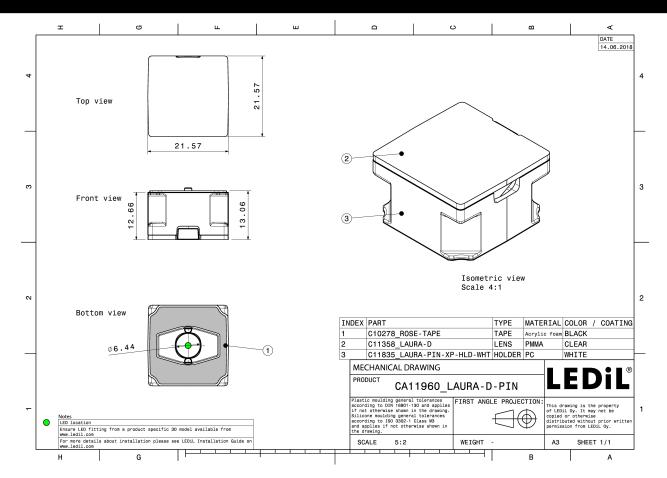
Component	Туре	Material	Colour	Finish
LAURA-D	Single lens	PMMA	clear	
LAURA-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11960_LAURA-D-PIN	Single lens	1440		180	7.5
» Box size:					



## PRODUCT DATASHEET CA11960\_LAURA-D-PIN



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



## CREE -

LED XP-E
FWHM / FWTM 13.0° / 31.0°
Efficiency 93 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

## CREE \$

LED XP-E-HEW
FWHM / FWTM 15.0° / 33.0°
Efficiency 86 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

## CREE -

LED XP-E2
FWHM / FWTM 15.0° / 36.0°
Efficiency 88 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## CREE &

LED XP-G
FWHM / FWTM 16.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:





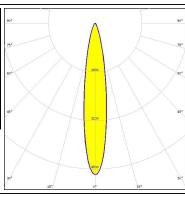
LED LUXEON Rebel
FWHM / FWTM 15.0° / 37.0°
Efficiency 90 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White

### **MUMILEDS**

Required components:

LED LUXEON T
FWHM / FWTM 18.0° / 40.0°
Efficiency 89 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:





### **MUMILEDS**

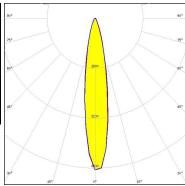
LED LUXEON Z ES
FWHM / FWTM 15.0° / 34.0°
Efficiency 90 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



### **WNICHIA**

LED NCSxx19B
FWHM / FWTM 19.0° / 41.0°
Efficiency 85 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

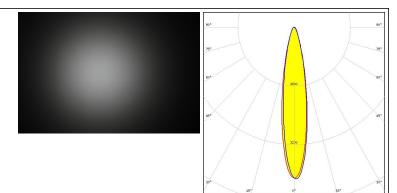








LED NF2x757D  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 19.0° / 43.0° Efficiency 84 % Peak intensity 4.2 cd/lm LEDs/each optic Light colour White Required components:



#### **OSRAM**

LED OSLON Square EC FWHM / FWTM 16.0° / 34.0° Efficiency 81 % Peak intensity 6.7 cd/lm LEDs/each optic 1 White Light colour Required components:

## OSRAM Opto Semiconductors

LED OSLON SSL 150  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 12.0° / 28.0° Efficiency 83 % Peak intensity 8.9 cd/lm LEDs/each optic Light colour White Required components:

#### **OSRAM**

LED OSLON SSL 80 FWHM / FWTM 14.0° / 31.0° Efficiency 83 % Peak intensity 7.3 cd/lm LEDs/each optic White Light colour Required components:



**OSRAM** 

LED SFH 4725S FWHM / FWTM 18.0° / 42.0°

Efficiency % LEDs/each optic Light colour White Required components:

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LED **Z**5 FWHM / FWTM 14.0° Efficiency % LEDs/each optic 1

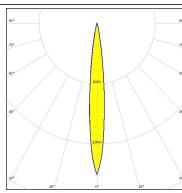
White Light colour Required components:



#### CREE & LED XD16 FWHM / FWTM 12.0° / 23.0° Efficiency 90 % Peak intensity 16.1 cd/lm

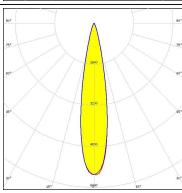
LEDs/each optic Light colour White

Required components:



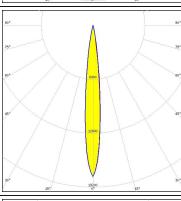
## CREE \$

LED XHP35.2 HD FWHM / FWTM 20.0° / 36.0° Efficiency 89 % Peak intensity 5.9 cd/lm LEDs/each optic 1 White Light colour Required components:



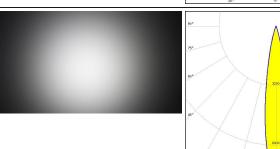
## CREE +

LED XP-E2 FWHM / FWTM 12.0° / 22.0° Efficiency 94 % Peak intensity 18 cd/lm LEDs/each optic 1 Light colour Amber Required components:



## CREE \$

XP-G3 FWHM / FWTM 17.0° / 32.0° 93 % Efficiency Peak intensity 8.2 cd/lm LEDs/each optic White Light colour Required components:





LED LUXEON H50-2
FWHM / FWTM 13.0° / 28.0°
Efficiency 90 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour White

## **DESCRIPTION**

Required components:

LED LUXEON IR Domed 150 (L1I0-0xxx150000000)

FWHM / FWTM 9.0° / 18.0°
Efficiency 0 %
LEDs/each optic 1
Light colour White
Required components:

### **DESCRIPTION**

LED LUXEON IR Domed 60 (L1I0-0xxx060000000)

FWHM / FWTM 12.0° / 25.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

## **DESCRIPTION**

LED LUXEON IR Domed 90 (L1I0-0xxx090000000)

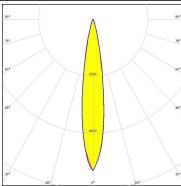
FWHM / FWTM 12.0° / 24.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:





LED NV4WB35AM FWHM / FWTM 16.0° / 32.0° Efficiency 96 % Peak intensity 8.5 cd/lm LEDs/each optic Light colour White

Required components:

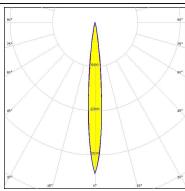


#### **OSRAM**

LED OSLON Boost HX (KW CULPM1.TG)

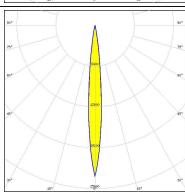
FWHM / FWTM 10.0° / 20.0° Efficiency 96 % Peak intensity 21.9 cd/lm LEDs/each optic 1 White Light colour

Required components:



OSRAM Opto Semiconductor

LED OSLON Signal FWHM / FWTM 10.0° / 20.0° Efficiency 96 % Peak intensity 23.8 cd/lm LEDs/each optic 1 Light colour Red



#### **OSRAM**

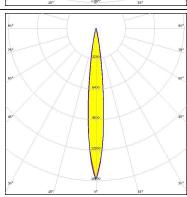
Required components:

LED

OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 12.0° / 24.0° Efficiency 96 % Peak intensity 15.9 cd/lm LEDs/each optic White Light colour

Required components:





OSRAM Opto Semiconductors

LED SFH 4715S
FWHM / FWTM 13.0°
Efficiency %
LEDs/each optic 1
Light colour White

Required components:



## PRODUCT DATASHEET CA11960\_LAURA-D-PIN

#### **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:

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## Local sales and technical support

www.ledil.com/ where\_to\_buy

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