PRODUCT DATASHEET CA11959_LAURA-RS-PIN

LAURA-RS-PIN

~8° 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:

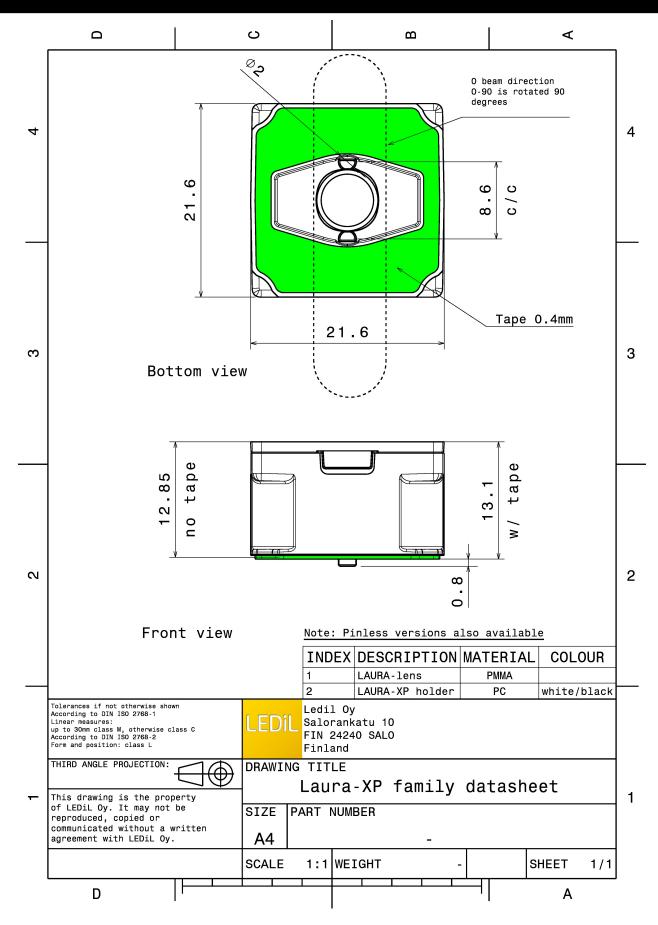
Component	Туре	Material	Colour	Finish
LAURA-RS	Single lens	PMMA	clear	
LAURA-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tane	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11959_LAURA-RS-PIN	Single lens	1440	360	180	7.6
» Box size:					



PRODUCT DATASHEET CA11959_LAURA-RS-PIN



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



OPTICAL RESULTS (MEASURED):

CREE -

LED XP-E
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 33.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

CREE &

LED XP-G
FWHM / FWTM 11.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:

MATERIAL PROPERTY OF THE PROP

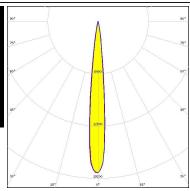
LED LUXEON Rebel
FWHM / FWTM 7.0° / 16.0°
Efficiency 93 %
Peak intensity 34 cd/lm
LEDs/each optic 1
Light colour White
Required components:

DESCRIPTION LUMILEDS

Required components:

LED LUXEON T
FWHM / FWTM 11.0° / 21.0°
Efficiency 92 %
Peak intensity 18.5 cd/lm
LEDs/each optic 1
Light colour White





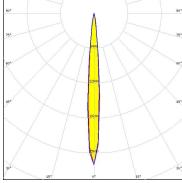


OPTICAL RESULTS (MEASURED):

WNICHIA

LED NCSxx19B $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 10.0° / 19.0° Efficiency 91 % Peak intensity 27.8 cd/lm LEDs/each optic Light colour White Required components:





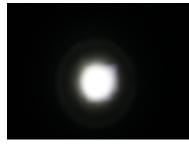
OSRAM

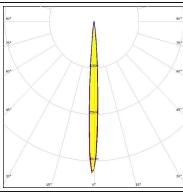
LED OSLON Square EC FWHM / FWTM 9.0° / 18.0° Efficiency 93 % Peak intensity 20 cd/lm LEDs/each optic 1 White Light colour

OSRAM Opto Semiconductors

Required components:

LED OSLON SSL 150 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 7.0° / 14.0° Efficiency 92 % Peak intensity 42 cd/lm LEDs/each optic Light colour White Required components:





OSRAM

SFH 4725S FWHM / FWTM 10.0° / 21.0°

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



PRODUCT DATASHEET CA11959_LAURA-RS-PIN

OPTICAL RESULTS (MEASURED):

SEOUL	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	7.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required compone	ents:





LED

XD16

FWHM / FWTM

8.6° / 18.0° 94 %

Efficiency Peak intensity

26.9 cd/lm

LEDs/each optic

0.5 00/11

White

Light colour
Required components:

1200 1200

CREE \$

LED

XP-E2

FWHM / FWTM Efficiency 8.0° / 14.0°

Peak intensity

95 % 44 cd/lm

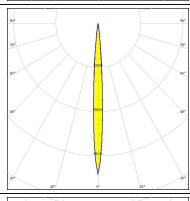
LEDs/each optic

44 ca/in

Light colour

White

Required components:



CREE \$

LED

XP-P

FWHM / FWTM

6.0° / 14.0°

Efficiency

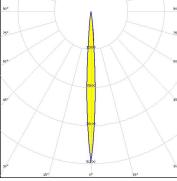
96 %

Peak intensity

50.9 cd/lm

LEDs/each optic Light colour 1 White

Required components:



CREE \$

FWHM / FWTM

XQ-E HI

Efficiency

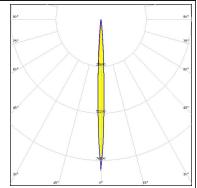
6.0° / 10.0°

Peak intensity

93 % 82.6 cd/lm

LEDs/each optic Light colour 1 White

Required components:





 LED
 LUXEON H50-2

 FWHM / FWTM
 12.0° / 23.0°

 Efficiency
 92 %

 Peak intensity
 16.3 cd/lm

 LEDs/each optic
 1

White

Required components:

Light colour

MILEDS

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 LUMILEDS

LED LUXEON IR Domed 60 (L1I0-0xxx060000000)

FWHM / FWTM 9.2° / 20.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

DESCRIPTION

LED LUXEON IR Domed 90 (L1I0-0xxx090000000)

FWHM / FWTM 9.0° / 18.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

7/12



White



 LED
 LUXEON Z ES

 FWHM / FWTM
 8.0° / 15.0°

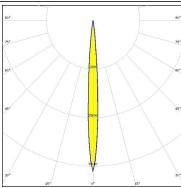
 Efficiency
 95 %

 Peak intensity
 39.9 cd/lm

 LEDs/each optic
 1

Required components:

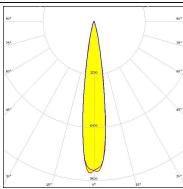
Light colour



WNICHIA

LED NV4WB35AM
FWHM / FWTM 16.0° / 30.0°
Efficiency 96 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour White

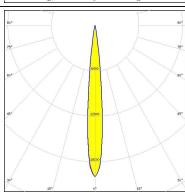
Required components:



WNICHIA

LED NVSW719AC
FWHM / FWTM 10.0° / 20.0°
Efficiency 96 %
Peak intensity 21.4 cd/lm
LEDs/each optic 1
Light colour White

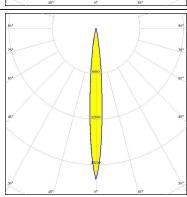
Required components:



WNICHIA

LED NVSxE21A
FWHM / FWTM 10.0° / 21.0°
Efficiency 94 %
Peak intensity 21.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:





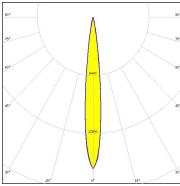


LED NVSxx19B/NVSxx19C

White

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 12.0° / 22.0° Efficiency 94 % Peak intensity 16.7 cd/lm LEDs/each optic

Required components:

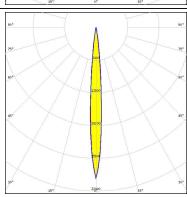


OSRAM

Light colour

LED OSCONIQ C 2424 FWHM / FWTM 8.0° / 18.0° Efficiency 96 % Peak intensity 29.6 cd/lm LEDs/each optic 1 White Light colour

Required components:

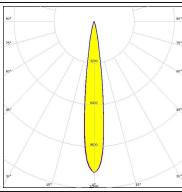


OSRAM Opto Semiconductor

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 14.0° / 27.0° Efficiency 94 % Peak intensity 11.6 cd/lm LEDs/each optic 1

Light colour White Required components:

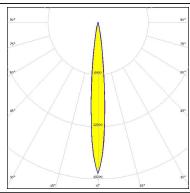


OSRAM

LED OSCONIQ P 3737 Flat

FWHM / FWTM 10.0° / 22.0° Efficiency 96 % Peak intensity 18.6 cd/lm LEDs/each optic White Light colour

Required components:



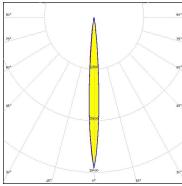


OSRAM

LED OSLON Boost HX (KW CULPM1.TG)

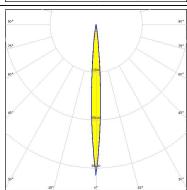
FWHM / FWTM 8.0° / 16.0° Efficiency 96 % Peak intensity 37.6 cd/lm LEDs/each optic Light colour White

Required components:



OSRAM

OSLON Signal LED FWHM / FWTM 8.0° / 16.0° Efficiency 95 % Peak intensity 40.5 cd/lm LEDs/each optic 1 Red Light colour Required components:

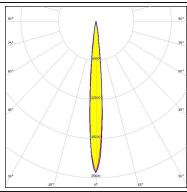


OSRAM Opto Semiconductor

OSLON Square CSSRM2/CSSRM3 LED

FWHM / FWTM 9.5° / 19.0° Efficiency 94 % Peak intensity 24.8 cd/lm LEDs/each optic White

Light colour Required components:

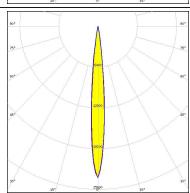


OSRAM

LED

SFH 4715AS FWHM / FWTM 10.0° / 19.0° Efficiency 94 % Peak intensity 23.8 cd/lm LEDs/each optic White Light colour

Required components:



OSRAM

LED

SFH 4715S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 9.5° Efficiency %

1

Light colour White

Required components:

LEDs/each optic

OSRAM Opto Semiconductors

LED SFH 4770S FWHM / FWTM 10.0° / 23.0° Efficiency 94 % LEDs/each optic 1 White Light colour

Required components:

SAMSUNG

LM301B LED $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 9.0° / 19.0° Efficiency 94 % Peak intensity 24.5 cd/lm

LEDs/each optic 1 Light colour White

Required components:



PRODUCT DATASHEET CA11959 LAURA-RS-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:

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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

Local sales and technical support

www.ledil.com/ where_to_buy

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