

LAURA-SS-PIN

~11° smooth spot beam optimized for CREE XP-E. Assembly with white holder, installation tape and location pins.



TECHNICAL SPECIFICATIONS:

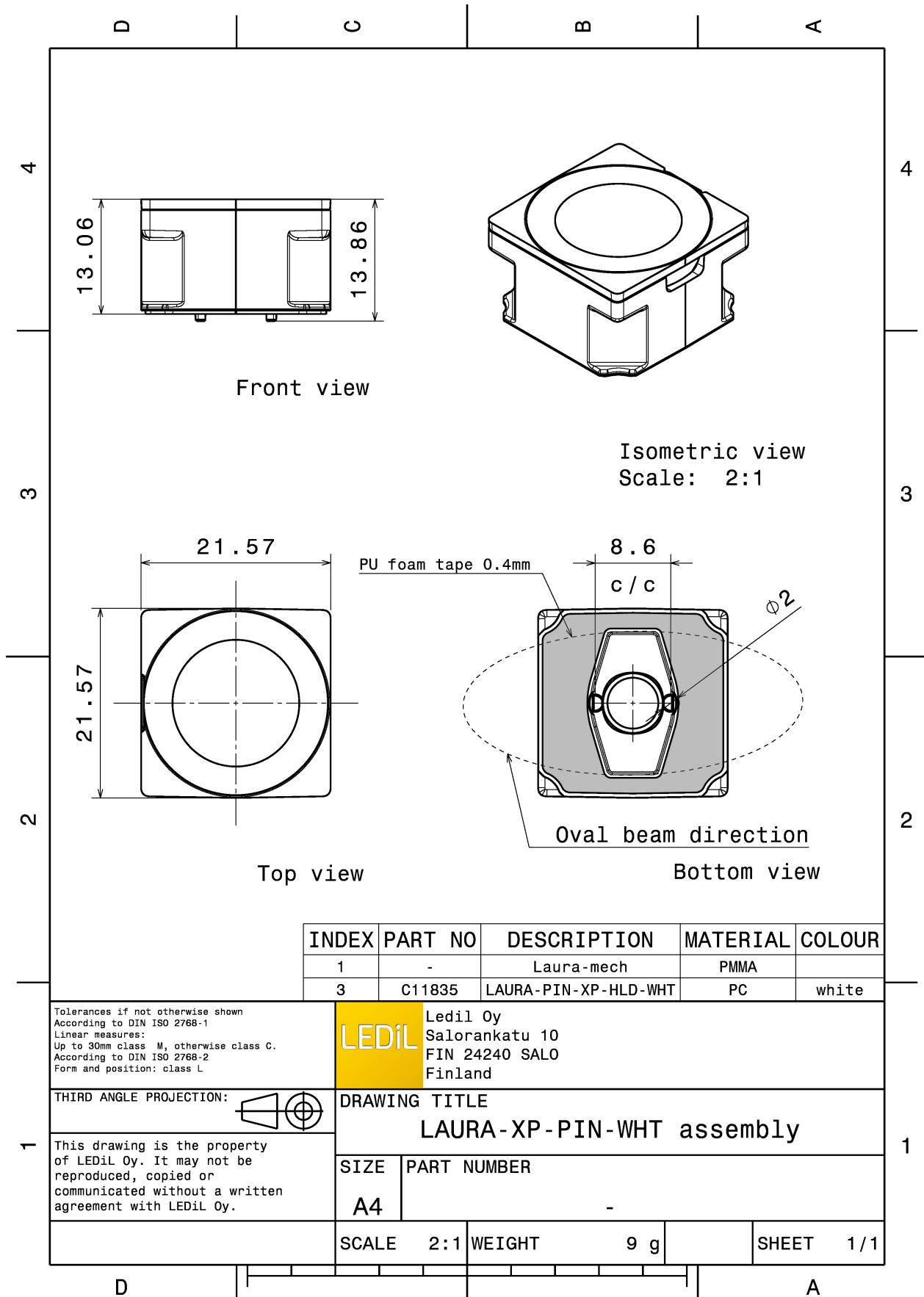
Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LAURA-SS	Single lens	PMMA		
LAURA-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA12011_LAURA-SS-PIN	1440	180		7.5
» Box size:				



PHOTOMETRIC DATA (MEASURED):

CREE

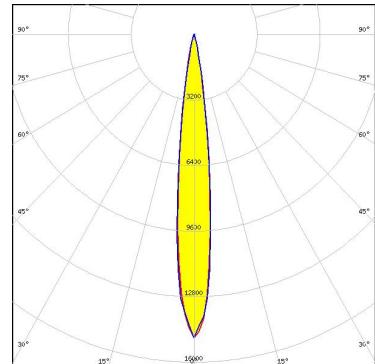
LED XB-D
FWHM 11.0°
Efficiency 93 %
Peak intensity 14.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-E
FWHM 11.0°
Efficiency 93 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-E-HEW
FWHM 12.0°
Efficiency 92 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



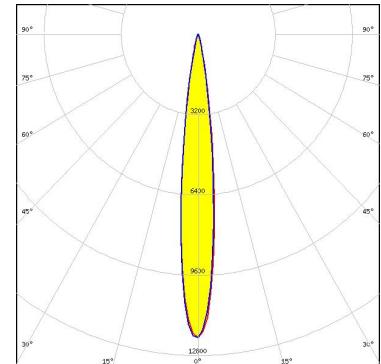
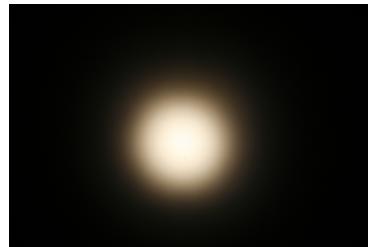
CREE

LED XP-G
FWHM 12.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

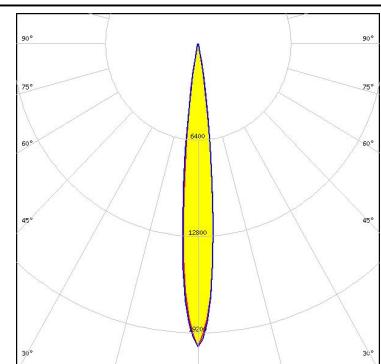
LUMILEDS

LED LUXEON T
FWHM 13.0°
Efficiency 92 %
Peak intensity 12.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



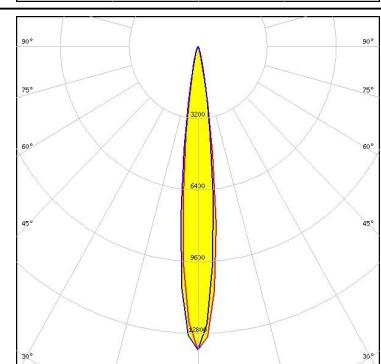
LUMILEDS

LED LUXEON Z ES
FWHM 12.0°
Efficiency 92 %
Peak intensity 17.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



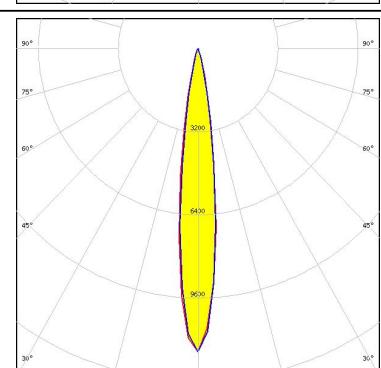
NICHIA

LED NCSxx19B
FWHM 13.0°
Efficiency 91 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NF2x757D
FWHM 14.0°
Efficiency 91 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square EC

FWHM 13.0°

Efficiency 88 %

Peak intensity 9.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:

OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM 11.0°

Efficiency 91 %

Peak intensity 12.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:

OSRAM

Opto Semiconductors

LED OSLON SSL 80

FWHM 11.0°

Efficiency 91 %

Peak intensity 13.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:

OSRAM

Opto Semiconductors

LED SFH 4725S

FWHM 14.0°

Efficiency %

LEDs/each optic 1

Light colour White

Required components:

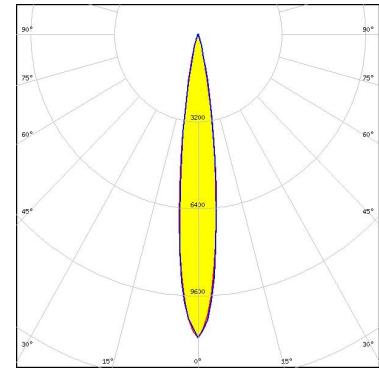
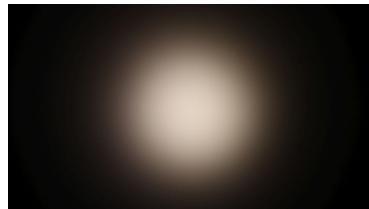
PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	10.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE

LED XP-G3
FWHM Asymmetric
Efficiency 93 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON IR Domed 150
FWHM 14.0°
Efficiency 0 %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON IR Domed 60
FWHM 12.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

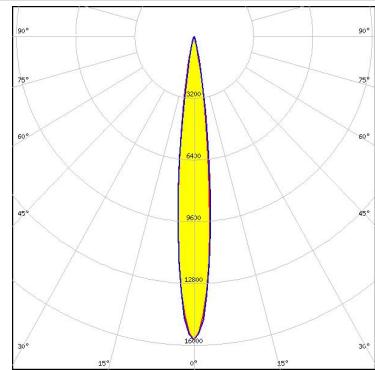
LED LUXEON IR Domed 90
FWHM 12.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

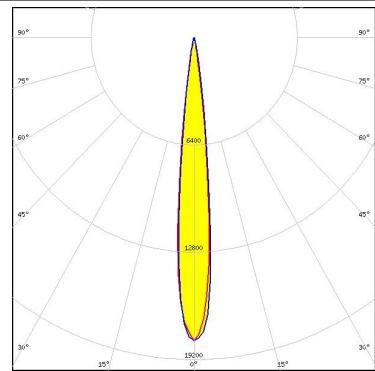
LED OSLON Square CSSRM2/CSSRM3
FWHM 12.0°
Efficiency 96 %
Peak intensity 15.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

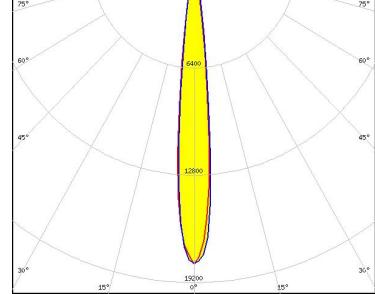
LED OSLON Square PC
FWHM 12.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED SFH 4170S
FWHM 12.0°
Efficiency 88 %
LEDs/each optic 1
Light colour IR
Required components:



OSRAM

Opto Semiconductors

LED SFH 4715S
FWHM 12.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

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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