

LAURA-W-PIN

~40° wide beam optimized for CREE XP-E.
Assembly with white holder, installation tape and location pins.

SPECIFICATION:

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

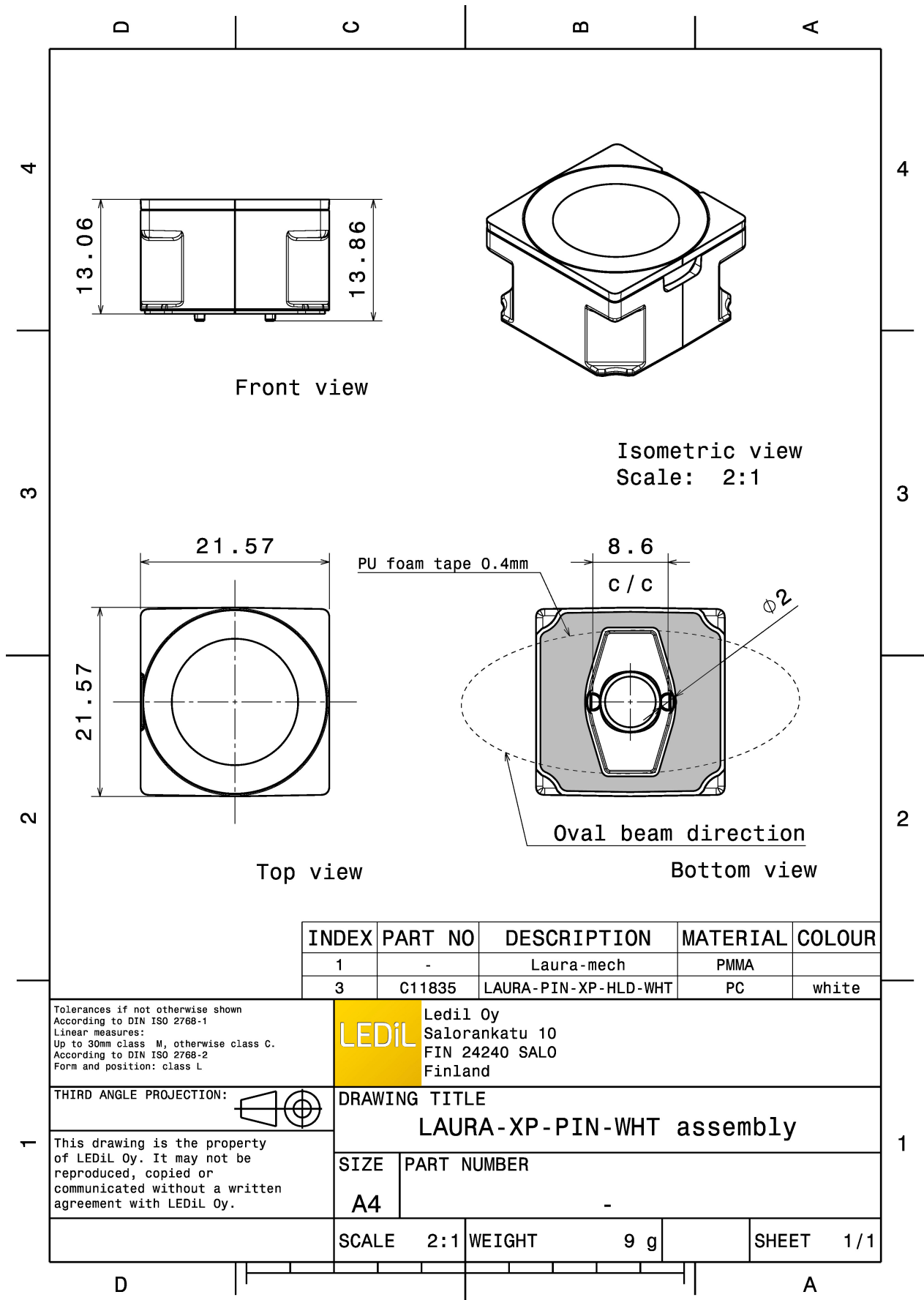


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LAURA-W	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)
CA12344_LAURA-W-PIN	1440	360	180	7.8
» Box size:				



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

OPTICAL RESULTS (MEASURED):

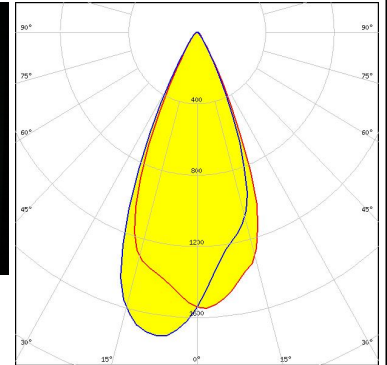


LED XB-D
 FWHM / FWTM 42.0°
 Efficiency 86 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



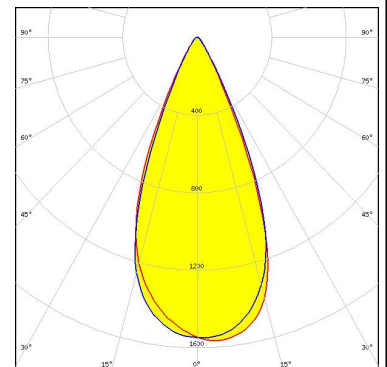
LED XP-E
 FWHM / FWTM 47.0° / 65.0°
 Efficiency 92 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G
 FWHM / FWTM 46.0° / 65.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

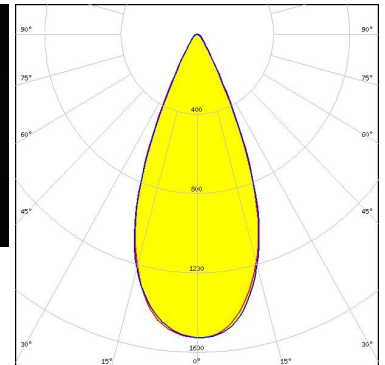
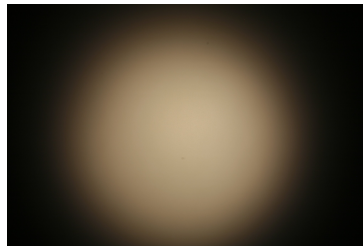


LED LUXEON Rebel
FWHM / FWTM 44.0° / 62.0°
Efficiency 88 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)



LED LUXEON T
FWHM / FWTM 46.0° / 68.0°
Efficiency 88 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



[Light distribution files](#)



LED LUXEON Z ES
FWHM / FWTM 38.0° / 60.0°
Efficiency 92 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:


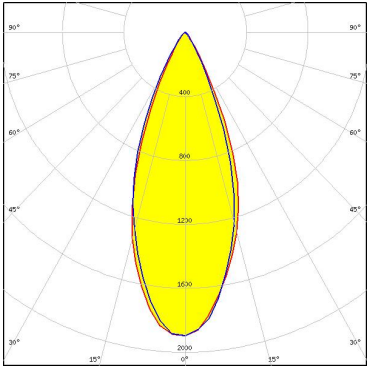


[Light distribution files](#)

OPTICAL RESULTS (MEASURED):

NICHIA

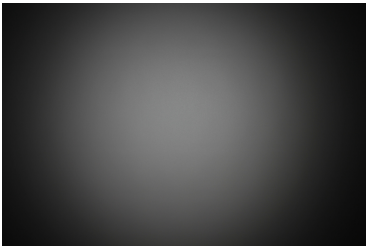
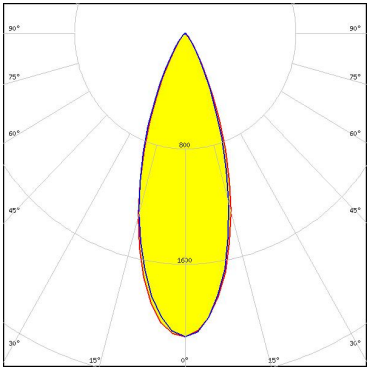
LED	NCSxx19B
FWHM / FWTM	41.0° / 65.0°
Efficiency	90 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

NICHIA

LED	NF2x757D
FWHM / FWTM	36.0° / 63.0°
Efficiency	87 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OSRAM
Opto Semiconductors

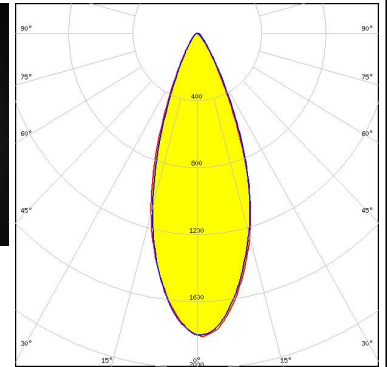
LED	OSLON Square EC
FWHM / FWTM	44.0° / 64.0°
Efficiency	89 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

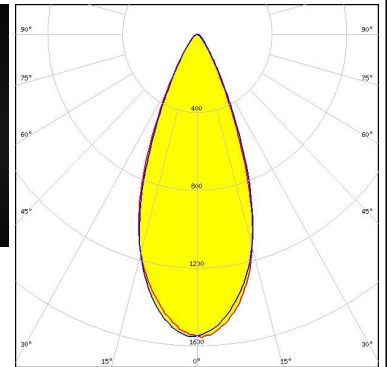
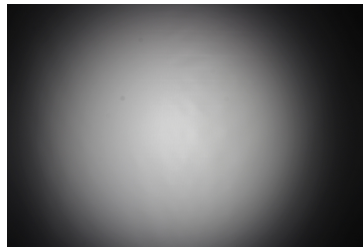
LED OSLON SSL 150
FWHM / FWTM 38.0° / 65.0°
Efficiency 87 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 42.0° / 68.0°
Efficiency 87 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

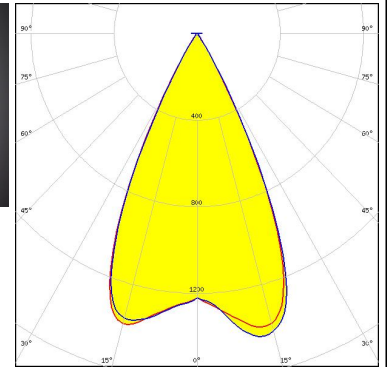
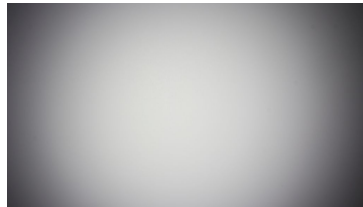


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED XP-G3
FWHM / FWTM 48.0° / 62.0°
Efficiency 93 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

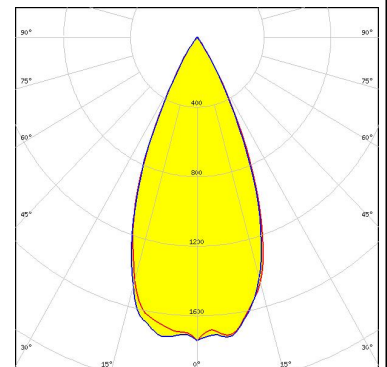


LED LUXEON H50-2
FWHM / FWTM 51.0° / 67.0°
Efficiency 92 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED NV4WB35AM
FWHM / FWTM 46.0° / 66.0°
Efficiency 97 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

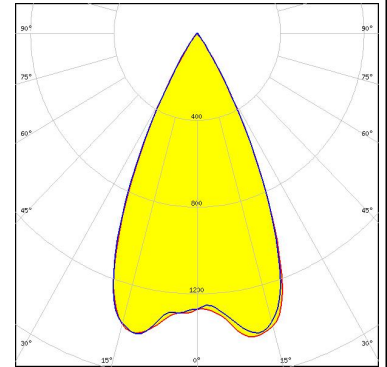


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED NVSxx19B/NVSxx19C
FWHM / FWTM 50.0° / 68.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

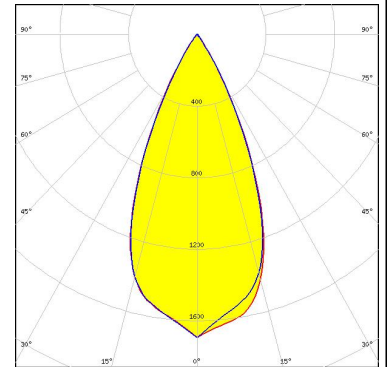


Light distribution files



Ospto Semiconductors

LED OSOLON Square CSSRM2/CSSRM3
FWHM / FWTM 47.0° / 67.0°
Efficiency 96 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 46.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

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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