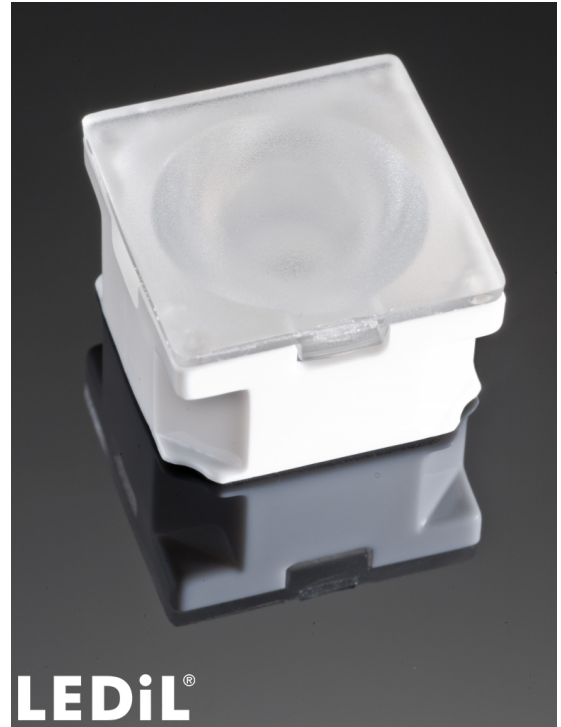


LAURA-W-PIN

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

TECHNICAL SPECIFICATIONS:

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

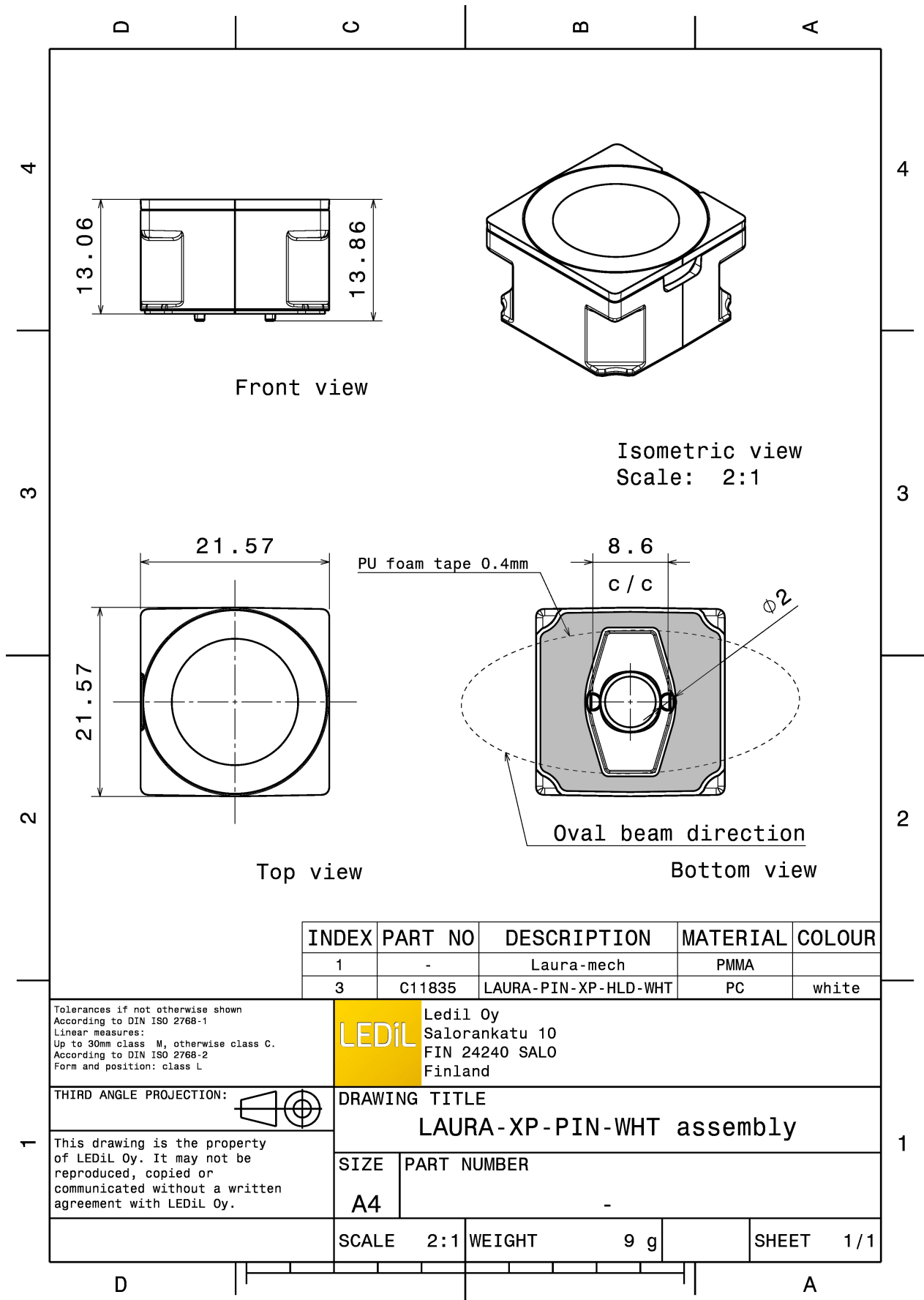


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA12344_LAURA-W-PIN	Single lens	1440	360	180	7.8
» Box size:					



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

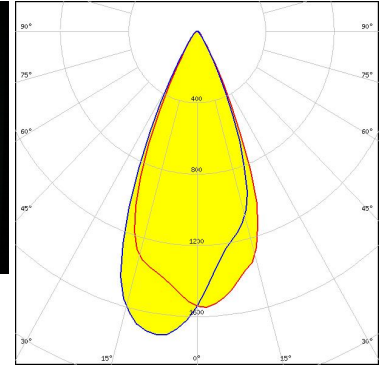
PHOTOMETRIC DATA (MEASURED):

CREE LED

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

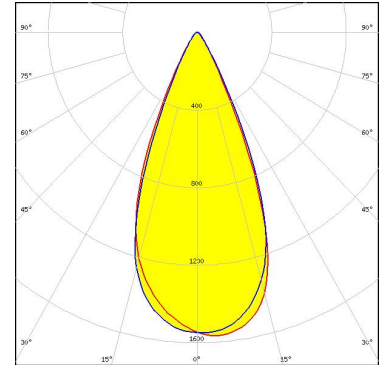
CREE LED

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



CREE LED

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



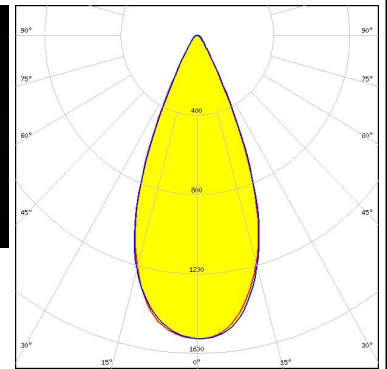
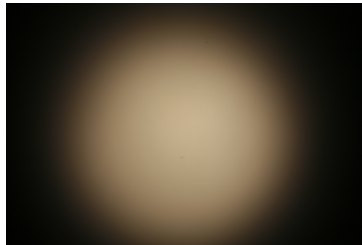
LUMILEDS

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

PHOTOMETRIC DATA (MEASURED):

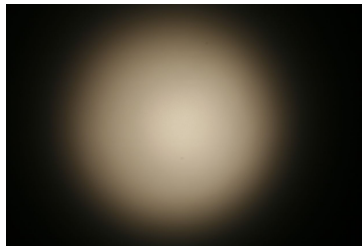
LUMILEDS

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



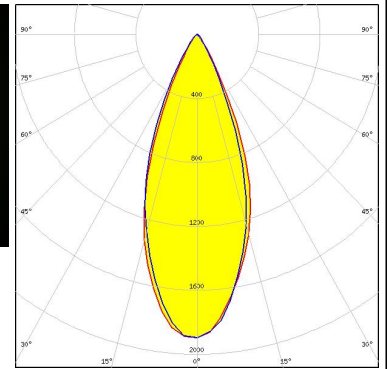
LUMILEDS

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



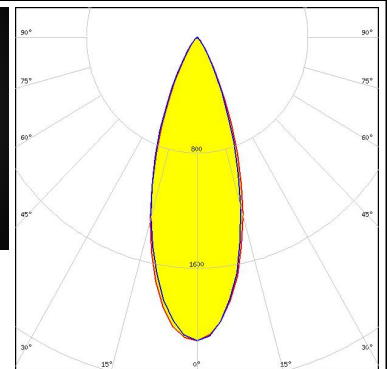
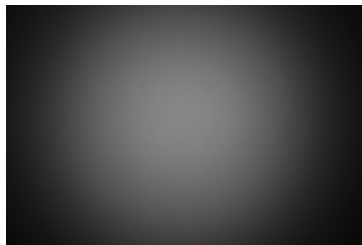
NICHIA

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



NICHIA

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



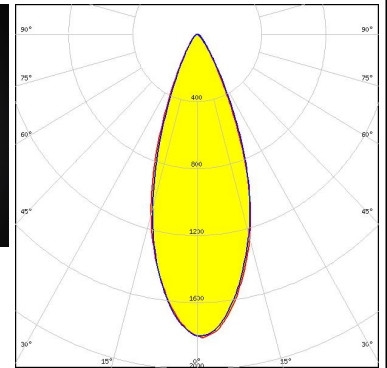
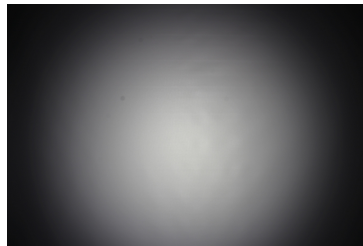
PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

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

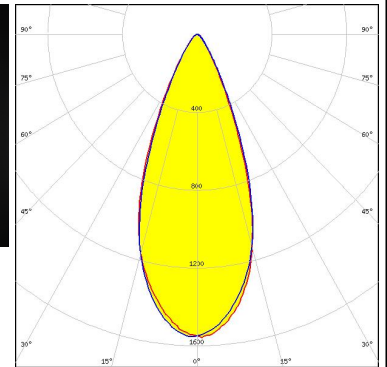
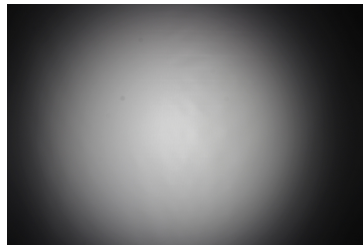
OSRAM Opto Semiconductors

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


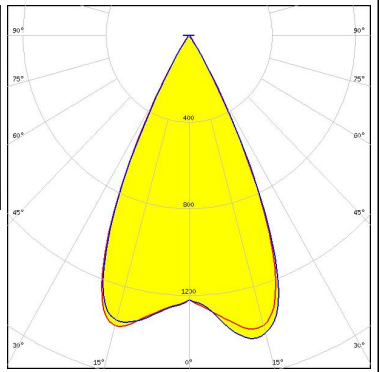
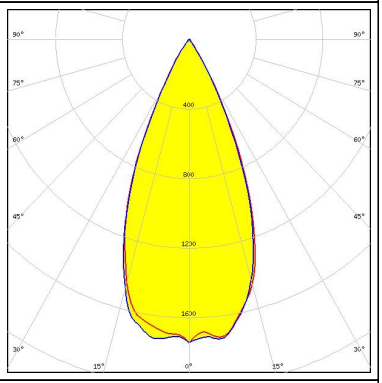
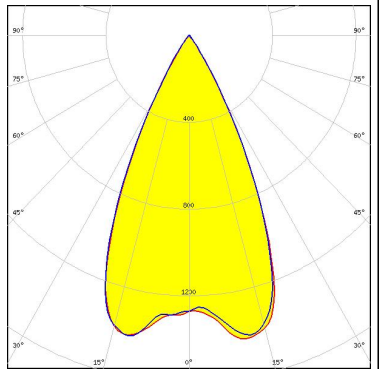


OSRAM Opto Semiconductors

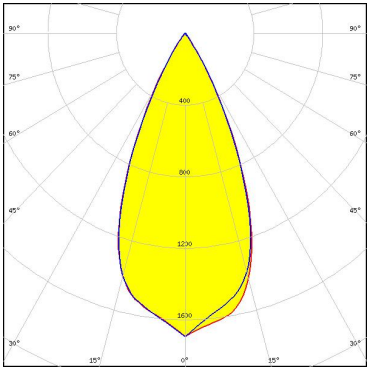
LED OSLON SSL 80
FWHM / FWTM 42.0° / 68.0°
Efficiency 87 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: 48.0° / 62.0° Efficiency: 93 % Peak intensity: 1.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON H50-2 FWHM / FWTM: 51.0° / 67.0° Efficiency: 92 % Peak intensity: 1.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 46.0° / 66.0° Efficiency: 97 % Peak intensity: 1.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 50.0° / 68.0° Efficiency: 94 % Peak intensity: 1.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	47.0° / 67.0°	
Efficiency	96 %	
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
SEOUL SEOUL SEMICONDUCTOR		
LED	Z5	
FWHM / FWTM	46.0°	
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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