

LAURA-O-WAS-PIN

Oval beam for wall-washing 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 ⓘ

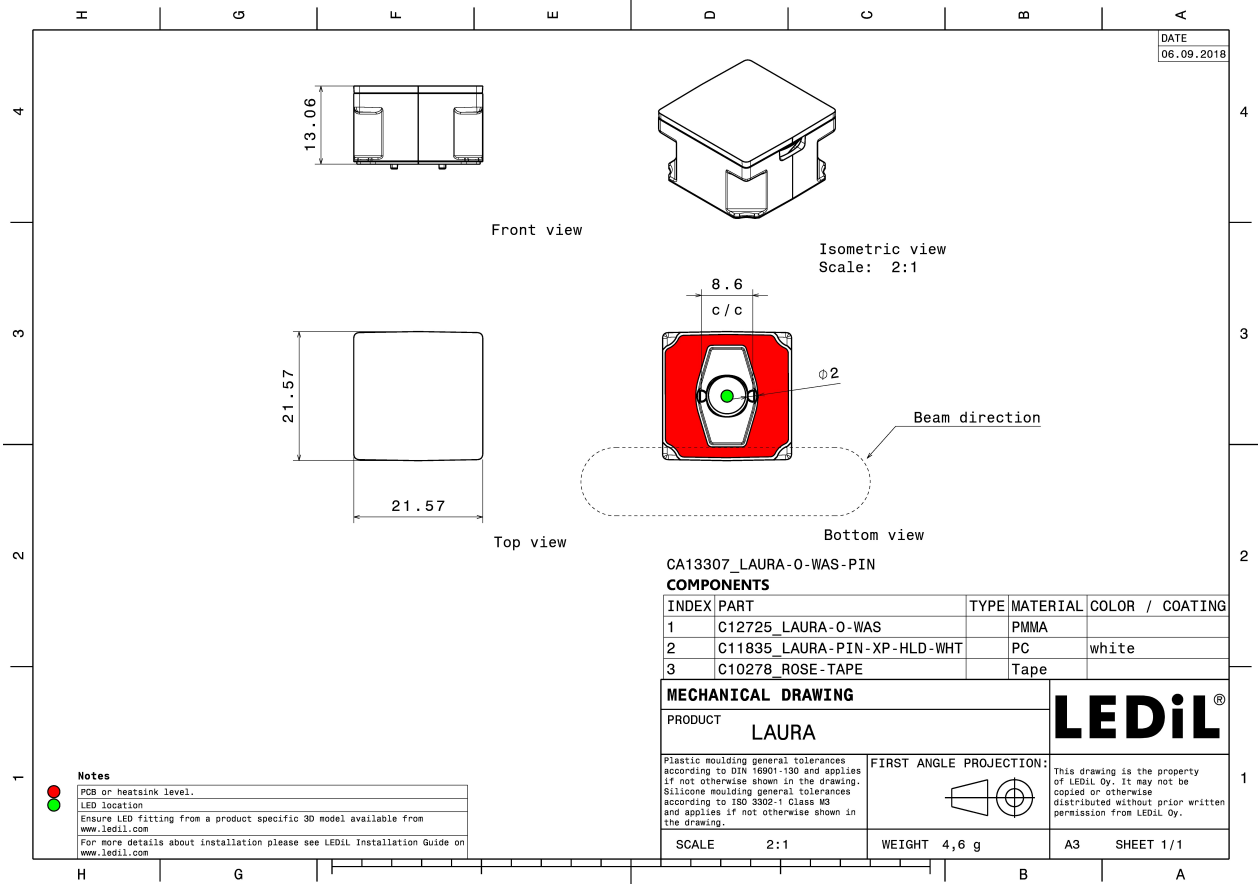


MATERIAL SPECIFICATIONS:

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


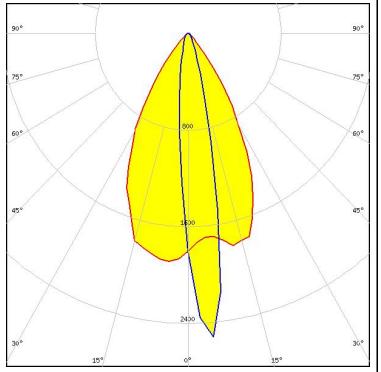

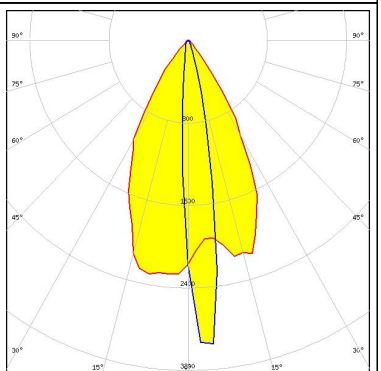

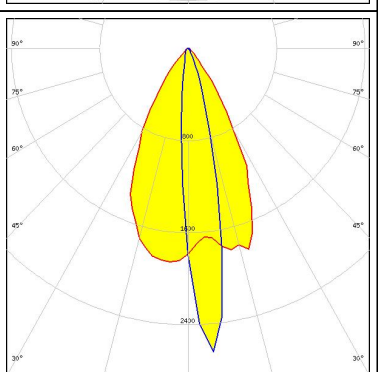

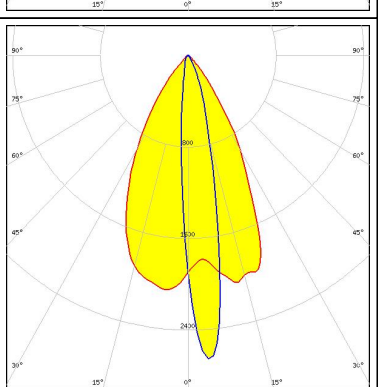
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA13307_LAURA-O-WAS-PIN	Single lens	1440	360	180	7.4
» Box size:					



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

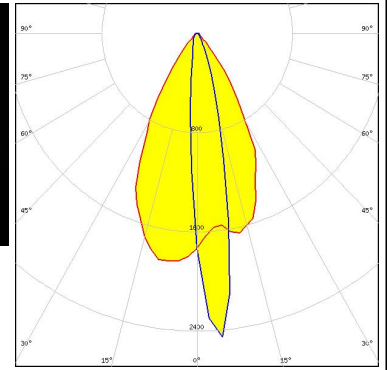
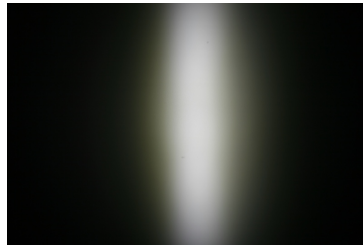
PHOTOMETRIC DATA (MEASURED):

<p>CREE ⇄ LED</p> <p>LED: XB-D FWHM / FWTM: Asymmetric Efficiency: 83 % Peak intensity: 2.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED: XP-E FWHM / FWTM: Asymmetric Efficiency: 84 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED: XP-G FWHM / FWTM: Asymmetric Efficiency: 84 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED: XP-G2 FWHM / FWTM: Asymmetric Efficiency: 83 % Peak intensity: 2.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

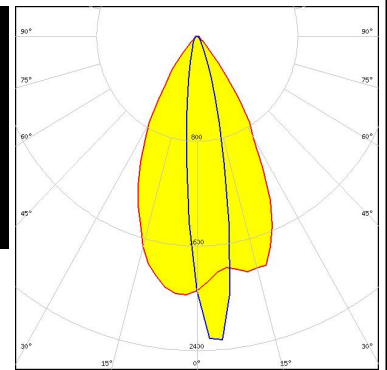
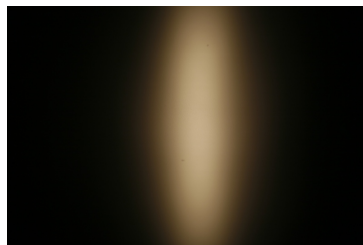
PHOTOMETRIC DATA (MEASURED):



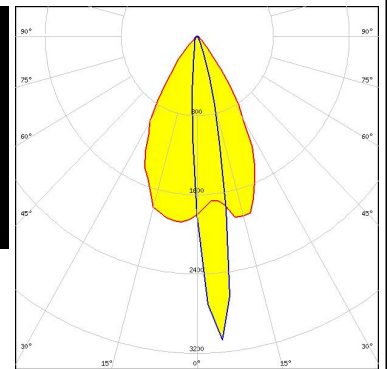
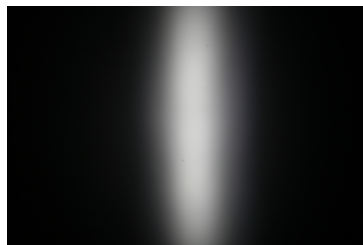
LED XT-E
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



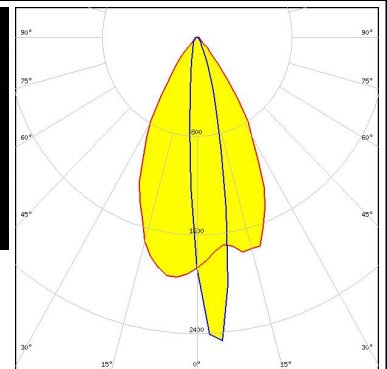
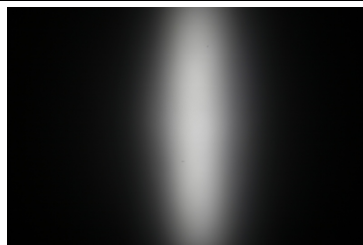
LED LUXEON A
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




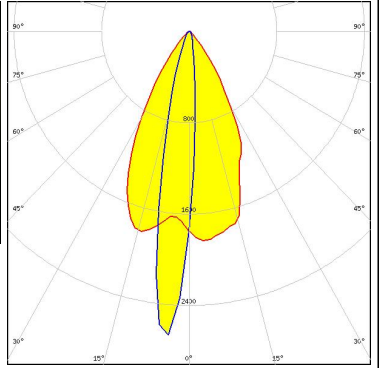

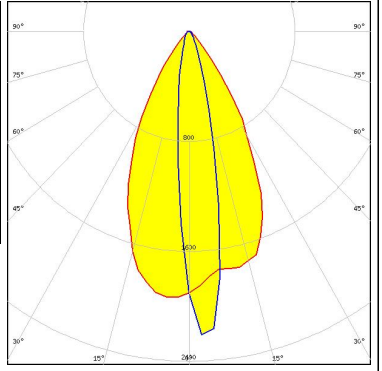
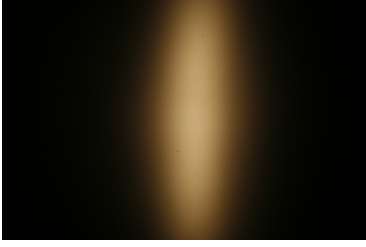
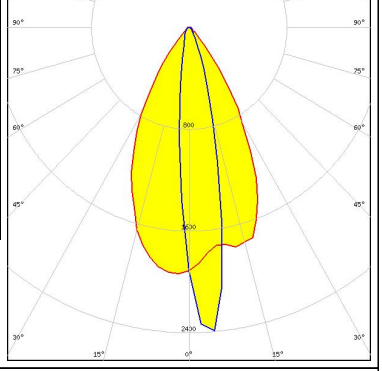
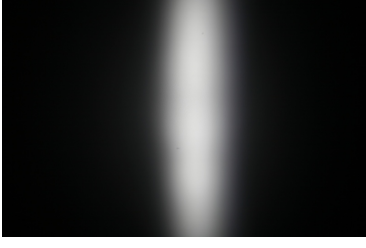
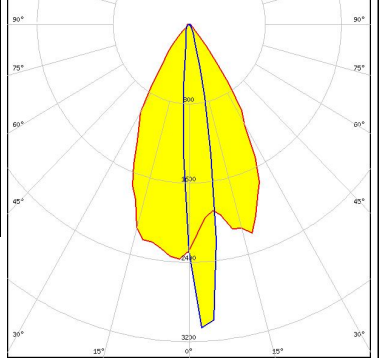
LED LUXEON Rebel
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxx19A
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



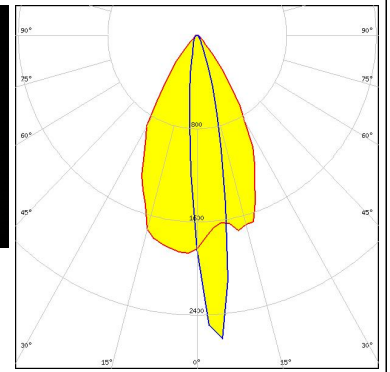
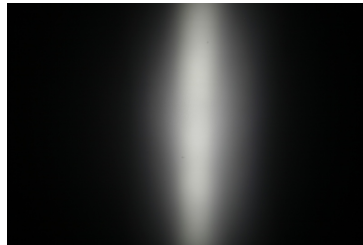
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19B FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square EC FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON SSL 150 FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM Signal FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 3.1 cd/lm LEDs/each optic: 1 Light colour: Red Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM Signal FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

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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