

## LAURA-SS-WAS-PIN

Asymmetric beam for wall-washing 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 ⓘ

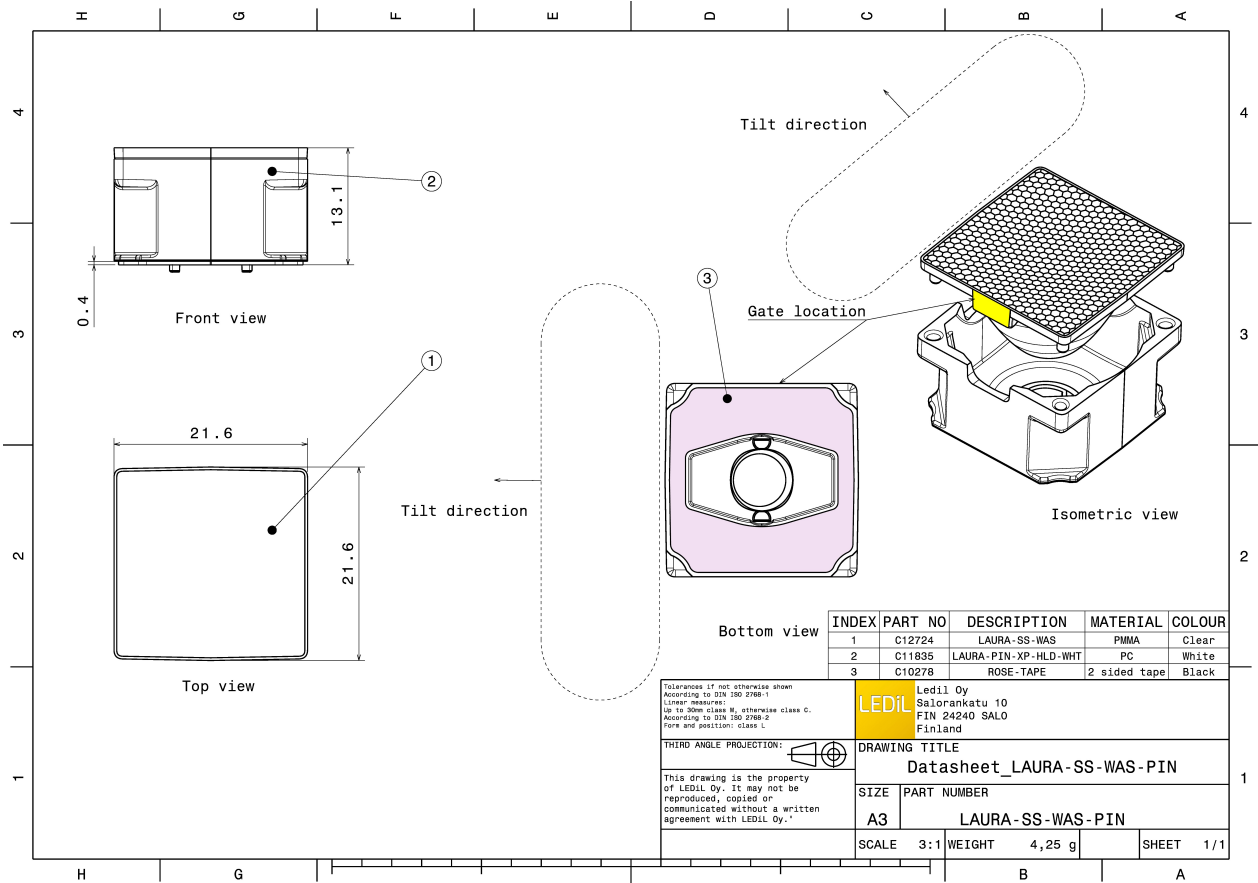


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

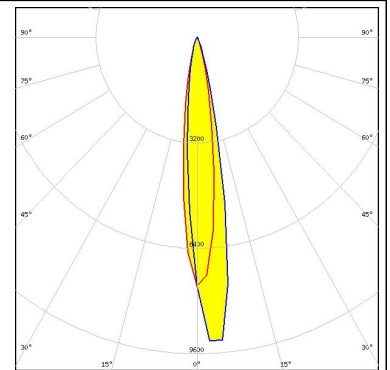
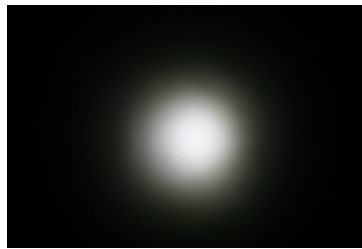
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13312_LAURA-SS-WAS-PIN	Single lens	1440		180	7.6
» Box size:					



#### PHOTOMETRIC DATA (MEASURED):

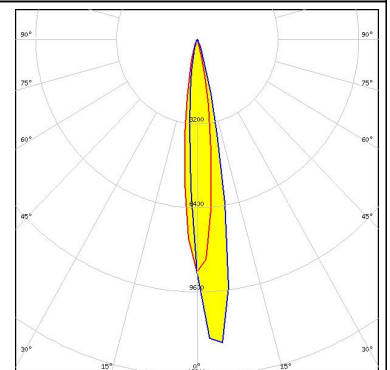
#### CREE

LED XB-D  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 9.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



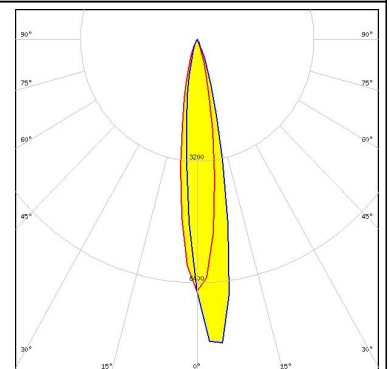
#### CREE

LED XP-E  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 11.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



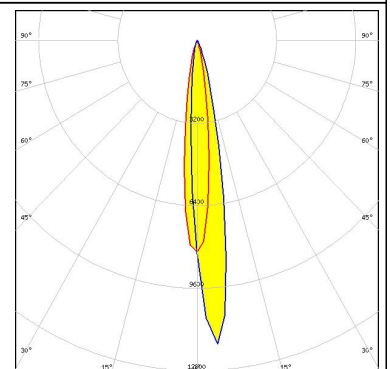
#### CREE

LED XP-G  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

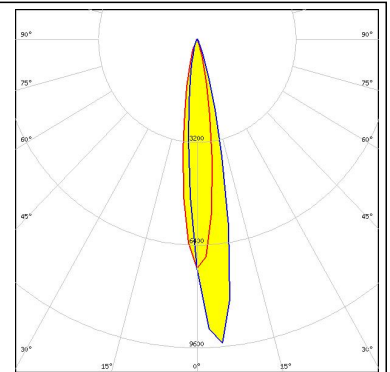
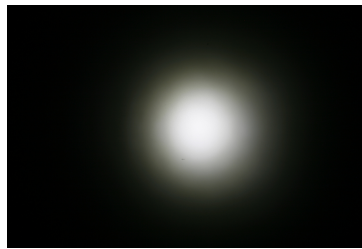
LED XP-G2  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 11.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



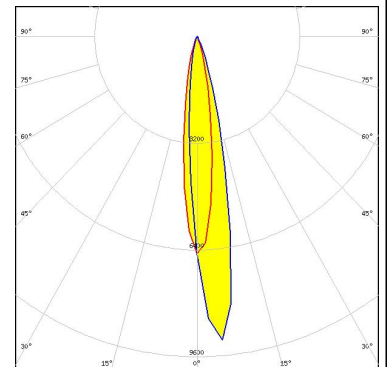
#### PHOTOMETRIC DATA (MEASURED):



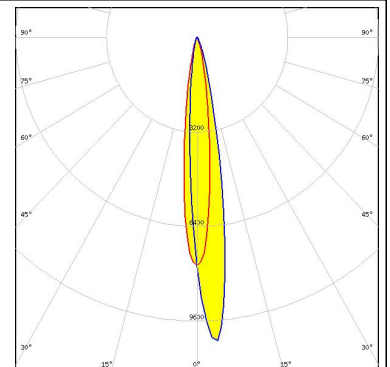
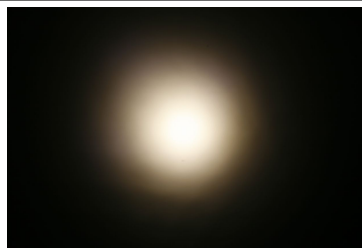
LED XT-E  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 9.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



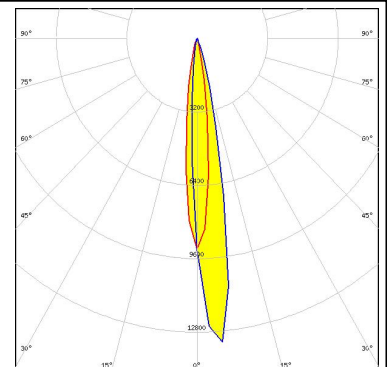
LED LUXEON A  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 9.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




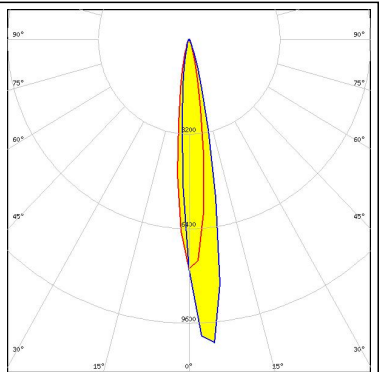

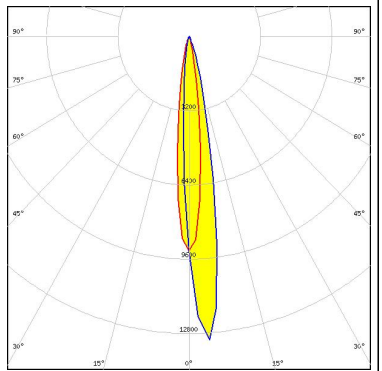

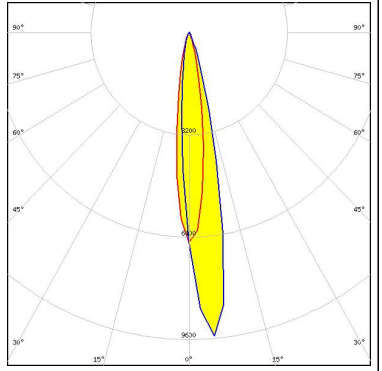

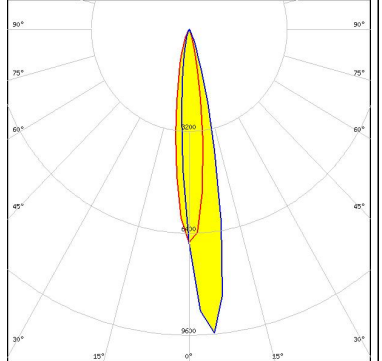
LED LUXEON Q  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 10.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rebel  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 13.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



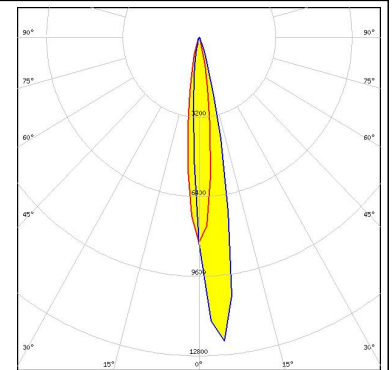
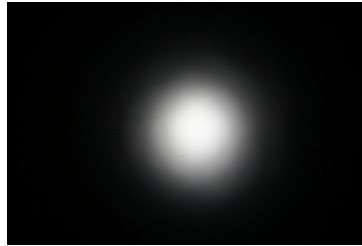
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxx19A            FWHM Asymmetric            Efficiency 92 %            Peak intensity 10.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NCSxx19B            FWHM Asymmetric            Efficiency 90 %            Peak intensity 13.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM Asymmetric            Efficiency 93 %            Peak intensity 9.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLOM Square EC            FWHM Asymmetric            Efficiency 90 %            Peak intensity 9.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

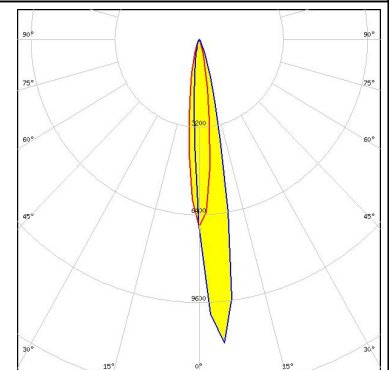
**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 12.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**OSRAM**  
Opto Semiconductors

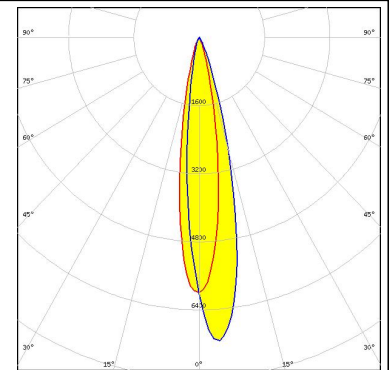
LED OSLON SSL 80  
FWHM Asymmetric  
Efficiency 89 %  
Peak intensity 11.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):



LED NV4WB35AM  
FWHM Asymmetric  
Efficiency 97 %  
Peak intensity 7.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LM301B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 10.2 cd/lm  
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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