

## G2-LAURA-O90-P

~15° x 40° oval beam. Assembly with thinner white holder, installation tape and location pins.  
Variant with beam direction rotated 90°.

### SPECIFICATION:

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

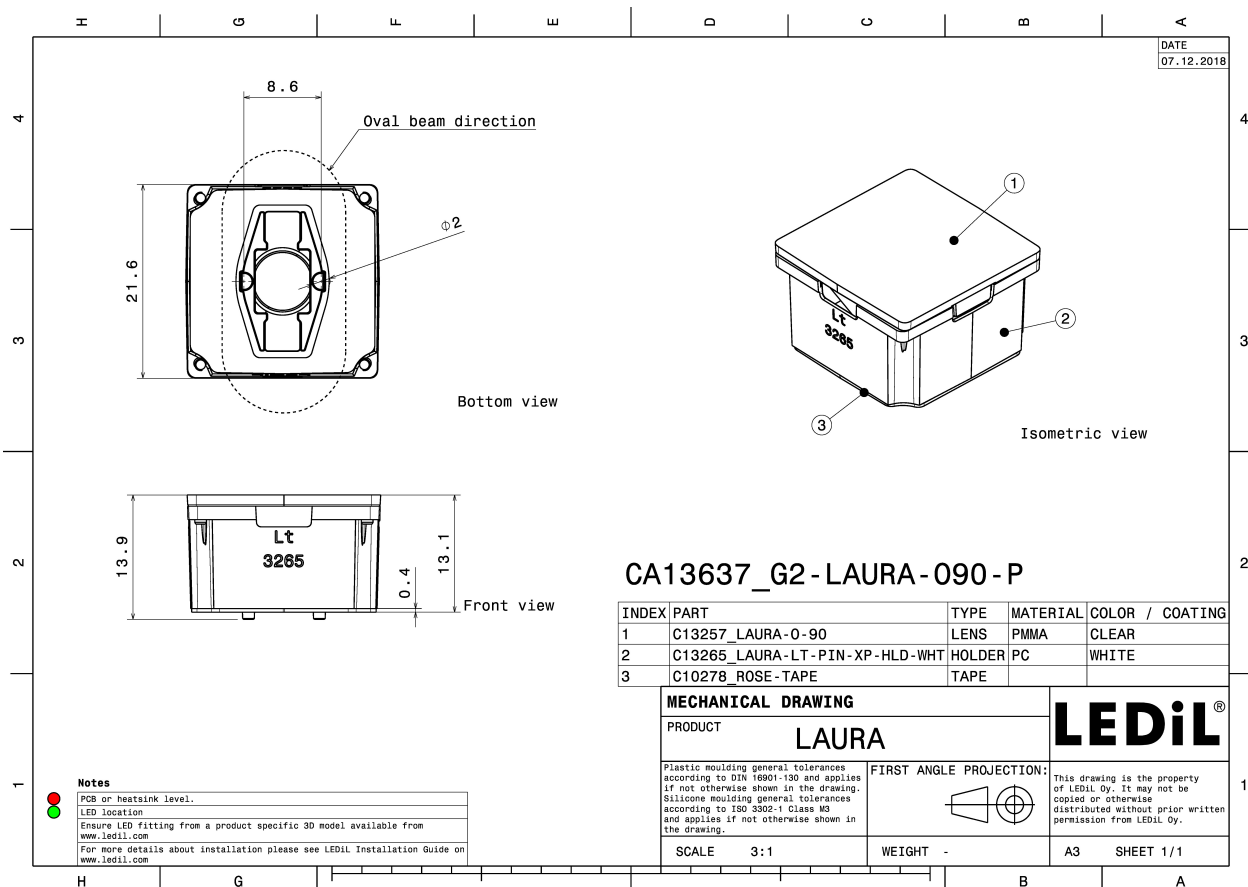


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LAURA-O-90	Single lens	PMMA	clear		
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white		
ROSE-TAPE	Tape	Acrylic foam	black		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA13637_G2-LAURA-O90-P	1440		180	6.2
» Box size:				

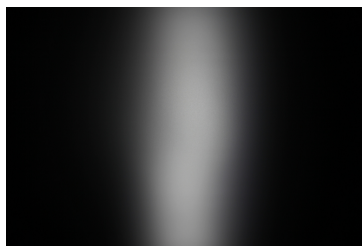


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



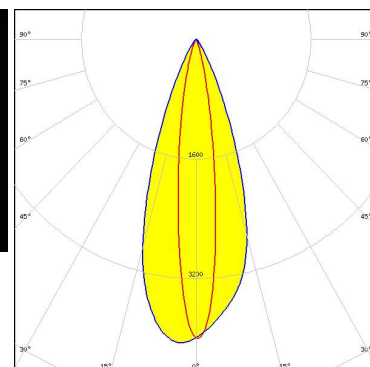
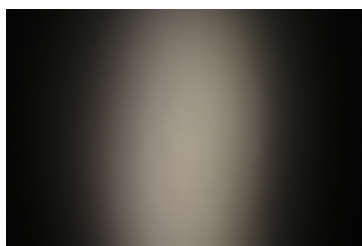
LED XP-E  
 FWHM / FWTM 11.0 + 40.0° / 24.0 + 56.0°  
 Efficiency 91 %  
 Peak intensity 6.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



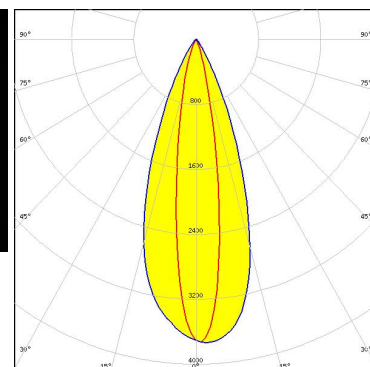
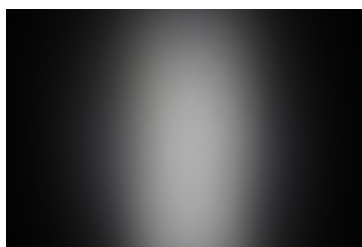
LED XP-G3  
 FWHM / FWTM 15.0 + 37.0° / 32.0 + 59.0°  
 Efficiency 90 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-L HD  
 FWHM / FWTM 16.0 + 38.0° / 34.0 + 61.0°  
 Efficiency 89 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

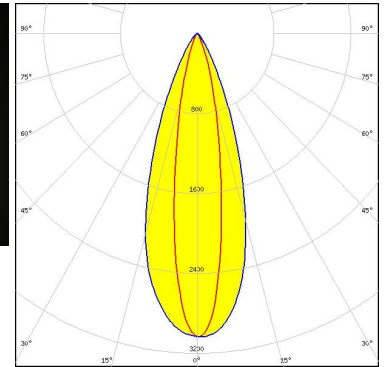
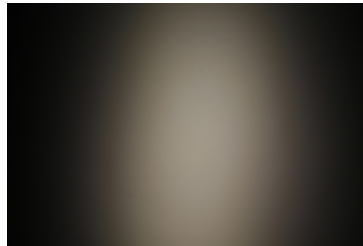


Light distribution files

#### OPTICAL RESULTS (MEASURED):



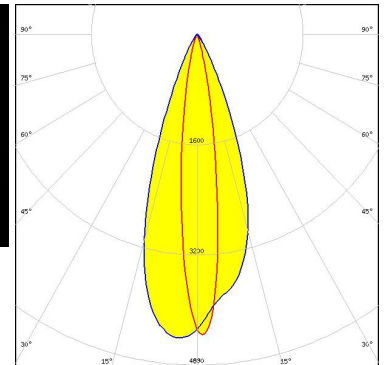
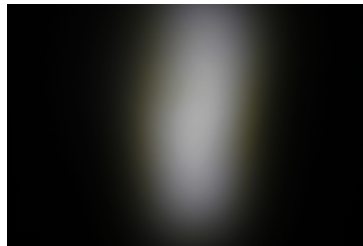
LED XP-L2  
 FWHM / FWTM 18.0 + 37.0° / 40.0 + 64.0°  
 Efficiency 86 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



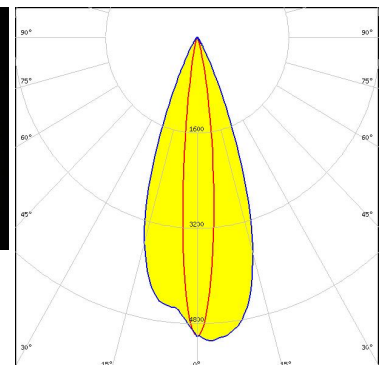
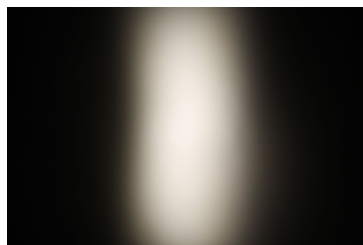
LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM 14.0 + 37.0° / 29.0 + 58.0°  
 Efficiency 90 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON Rebel Plus  
 FWHM / FWTM 12.0 + 38.0° / 24.0 + 56.0°  
 Efficiency 91 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

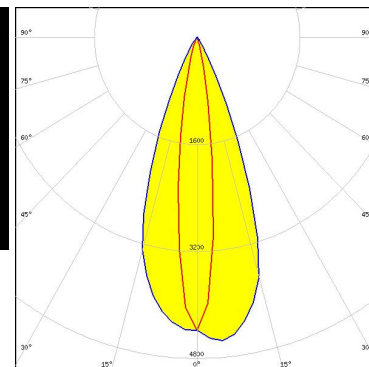
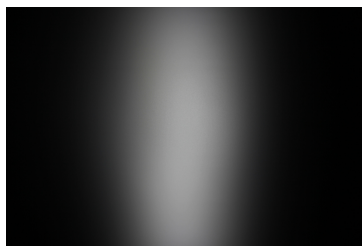


Light distribution files

#### OPTICAL RESULTS (MEASURED):



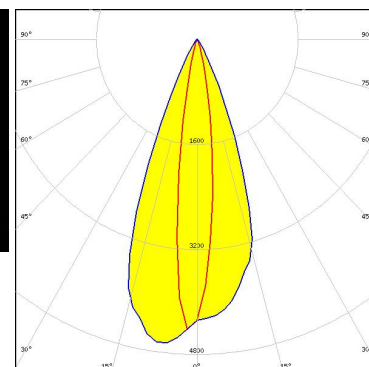
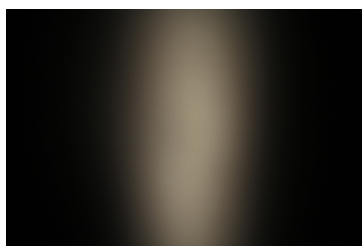
LED LUXEON TX  
 FWHM / FWTM 15.0 + 41.0° / 28.0 + 59.0°  
 Efficiency 89 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



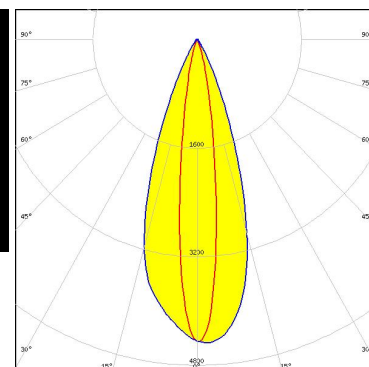
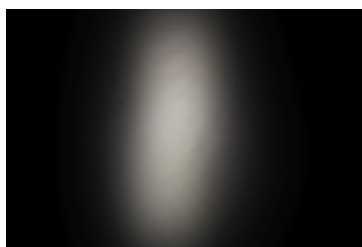
LED NCSxx19A  
 FWHM / FWTM 15.0 + 41.0° / 29.0 + 59.0°  
 Efficiency 91 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSW219F  
 FWHM / FWTM 14.0 + 37.0° / 31.0 + 58.0°  
 Efficiency 94 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



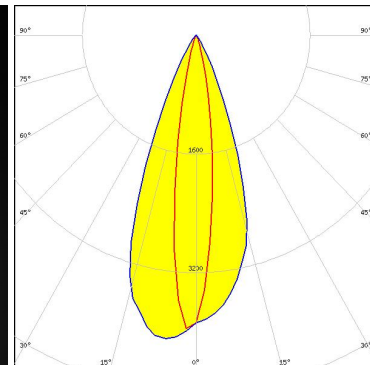
Light distribution files

#### OPTICAL RESULTS (MEASURED):



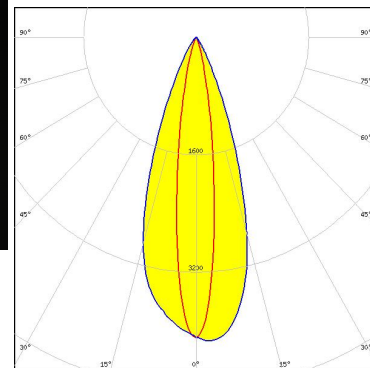
LED NVSxx19A  
 FWHM / FWTM 16.0 + 40.0° / 32.0 + 60.0°  
 Efficiency 89 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Light distribution files



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 15.0 + 37.0° / 31.0 + 59.0°  
 Efficiency 91 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

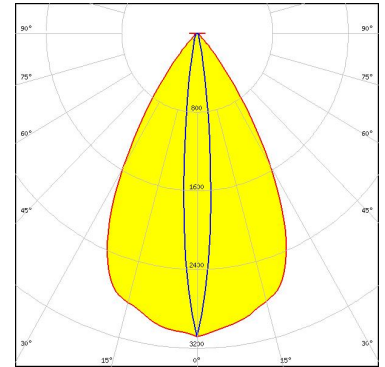
Light distribution files



#### OPTICAL RESULTS (SIMULATED):



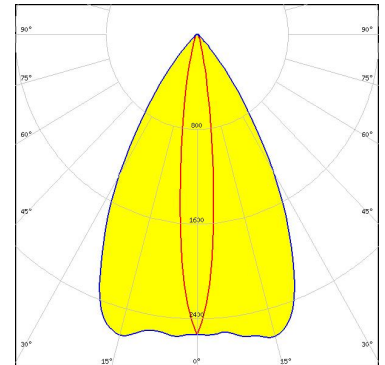
LED LUXEON 3535L  
 FWHM / FWTM 60.0 + 10.0° / 83.0 + 24.0°  
 Efficiency 91 %  
 Peak intensity 3.1 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



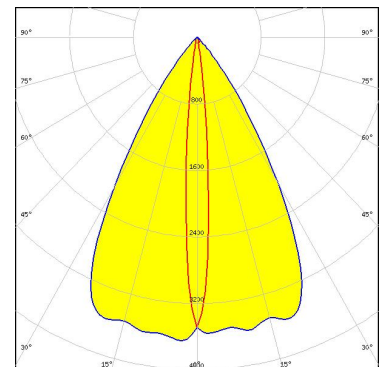
LED NVSW219F  
 FWHM / FWTM 14.0 + 60.0° / 30.0 + 84.0°  
 Efficiency 87 %  
 Peak intensity 2.6 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLOX Signal  
 FWHM / FWTM 10.0 + 62.0° / 18.0 + 82.0°  
 Efficiency 89 %  
 Peak intensity 3.7 cd/Im  
 LEDs/each optic 1  
 Light colour/type Red  
 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:

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