

## LEILA-Y-SC2-O-90

~45° + 15° oval beam. Assembly with black SC2-holder.

## SPECIFICATION:

Dimensions	Ø 21.6
Height	14.8 mm
Fastening	solder clip
ROHS compliant	yes ⓘ

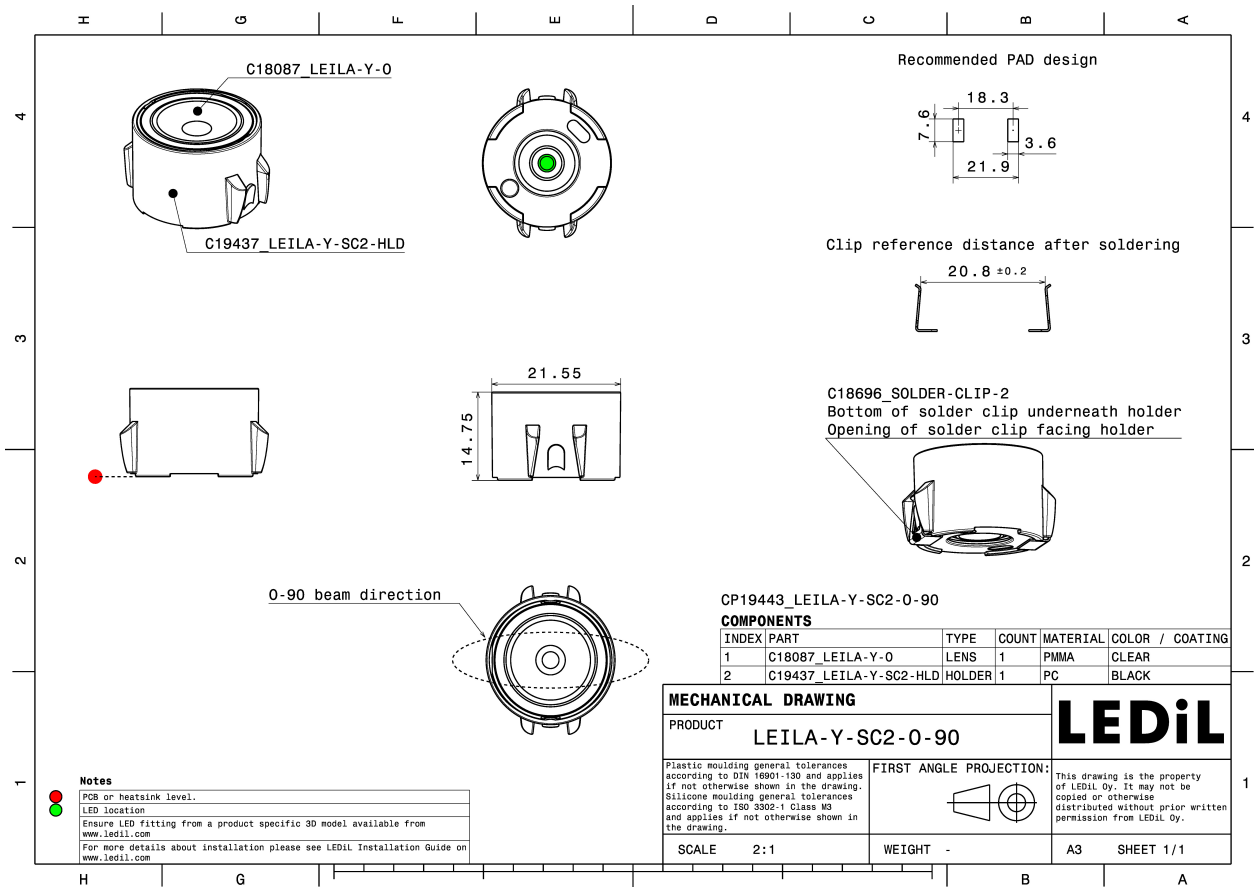


## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LEILA-Y-O	Single lens	PMMA	clear	gloss	
LEILA-Y-SC2-HLD	Holder	PC	black		

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP19443_LEILA-Y-SC2-O-90 » Box size: 480 x 280 x 165 mm	1632	204	204	7.0

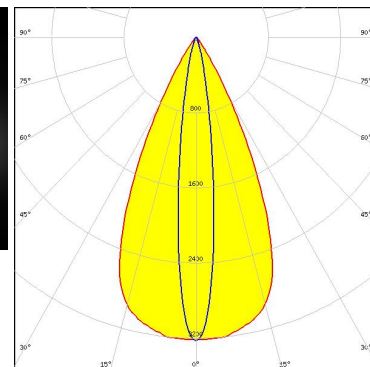
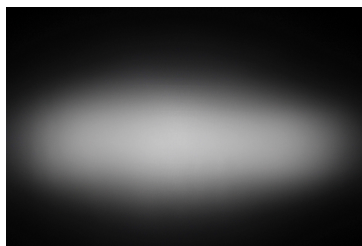


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	50.0 + 14.0° / 68.0 + 30.0°
Efficiency	80 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

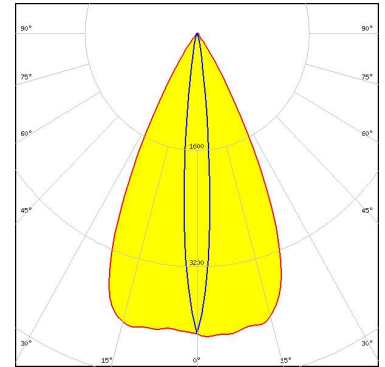


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



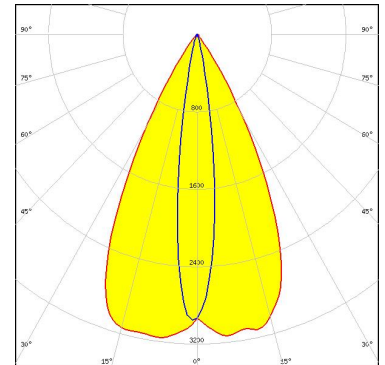
LED XP-E2  
 FWHM / FWTM 52.0 + 10.0° / 68.0 + 20.0°  
 Efficiency 84 %  
 Peak intensity 4.2 cd/Im  
 LEDs/each optic 1  
 Light colour/type Blue  
 Required components:



Light distribution files



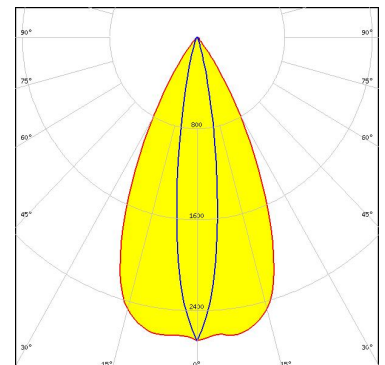
LED XP-E2  
 FWHM / FWTM 54.0 + 15.0° / 72.0 + 27.0°  
 Efficiency 83 %  
 Peak intensity 3.2 cd/Im  
 LEDs/each optic 1  
 Light colour/type Amber  
 Required components:



Light distribution files



LED XP-G3  
 FWHM / FWTM 52.0 + 16.0° / 74.0 + 32.0°  
 Efficiency 79 %  
 Peak intensity 2.7 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

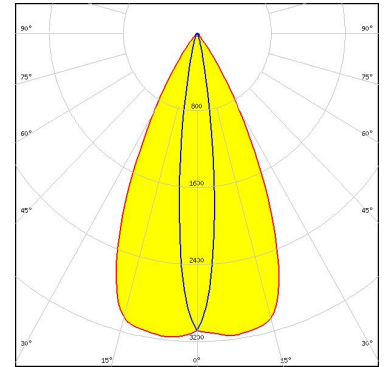


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



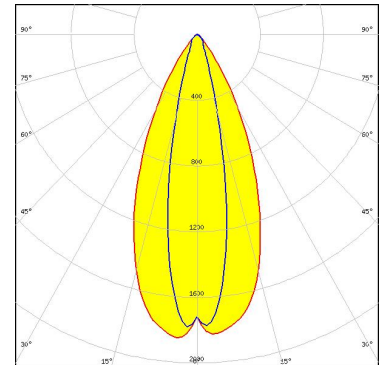
LED XP-G4  
 FWHM / FWTM 52.0 + 14.0° / 72.0 + 28.0°  
 Efficiency 83 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON 5050 HE Plus  
 FWHM / FWTM 47.0 + 23.0° / 76.0 + 44.0°  
 Efficiency 76 %  
 Peak intensity 1.9 cd/lm  
 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:

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