

## LEILA-SC-O-90

~10° x 40° oval beam

### SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	clips
ROHS compliant	yes ⓘ

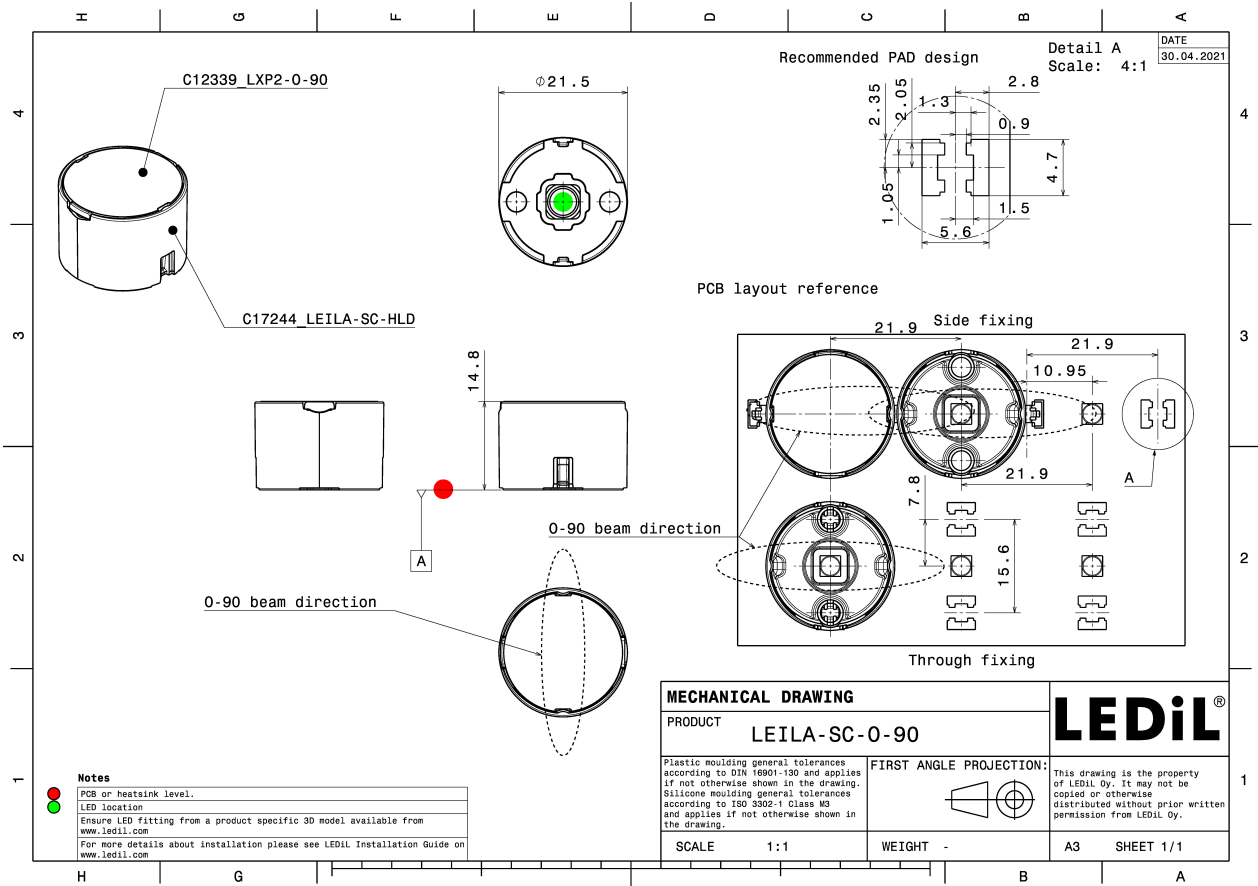
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
LXP2-O-90	Single lens	PMMA	clear		20.0
LEILA-SC-HLD	Holder	PC	black		21.6

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17590_LEILA-SC-O-90	Single lens	1680	336	112	7.8
» Box size: 480 x 280 x 300 mm					



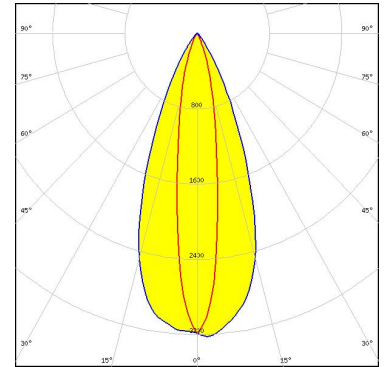


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (SIMULATED):



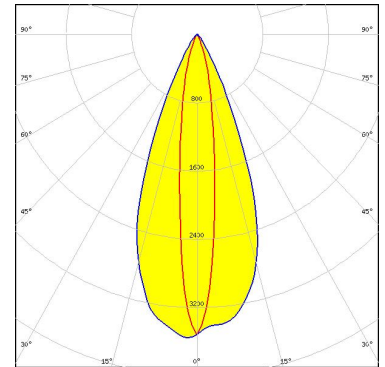
LED CLR6A-TKW  
 FWHM / FWTM 16.0 + 42.0° / 40.0 + 66.0°  
 Efficiency 89 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type RGBW  
 Required components:



Light distribution files



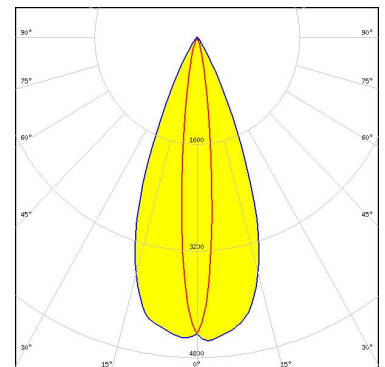
LED J Series 2835  
 FWHM / FWTM 14.0 + 42.0° / 37.0 + 64.0°  
 Efficiency 87 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSOLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 12.0 + 42.0° / 28.0 + 60.0°  
 Efficiency 90 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

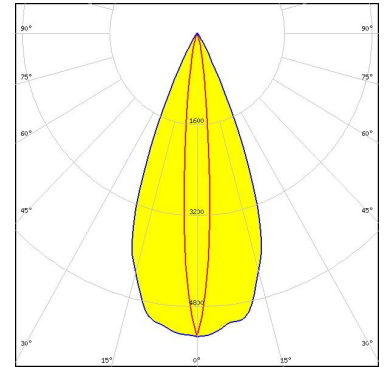


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 10.0 + 44.0° / 24.0 + 58.0°  
Efficiency 90 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

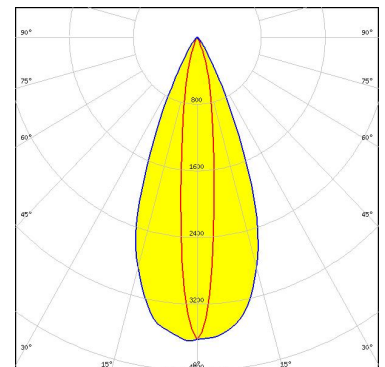
**SAMSUNG**

LED LM301D  
FWHM / FWTM 14.0 + 42.0° / 38.0 + 64.0°  
Efficiency 85 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files


**SAMSUNG**

LED LM302D  
FWHM / FWTM 13.0 + 42.0° / 36.0 + 63.0°  
Efficiency 86 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### OPTICAL RESULTS (SIMULATED):

 SEUL SEMICONDUCTOR	
LED	Z5M4
FWHM / FWTM	14.0 + 42.0° / 39.0 + 64.0°
Efficiency	89 %
Peak intensity	3.6 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:

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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