

## LEILA-SC-O-90

~10° x 40° oval beam

### SPECIFICATION:

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

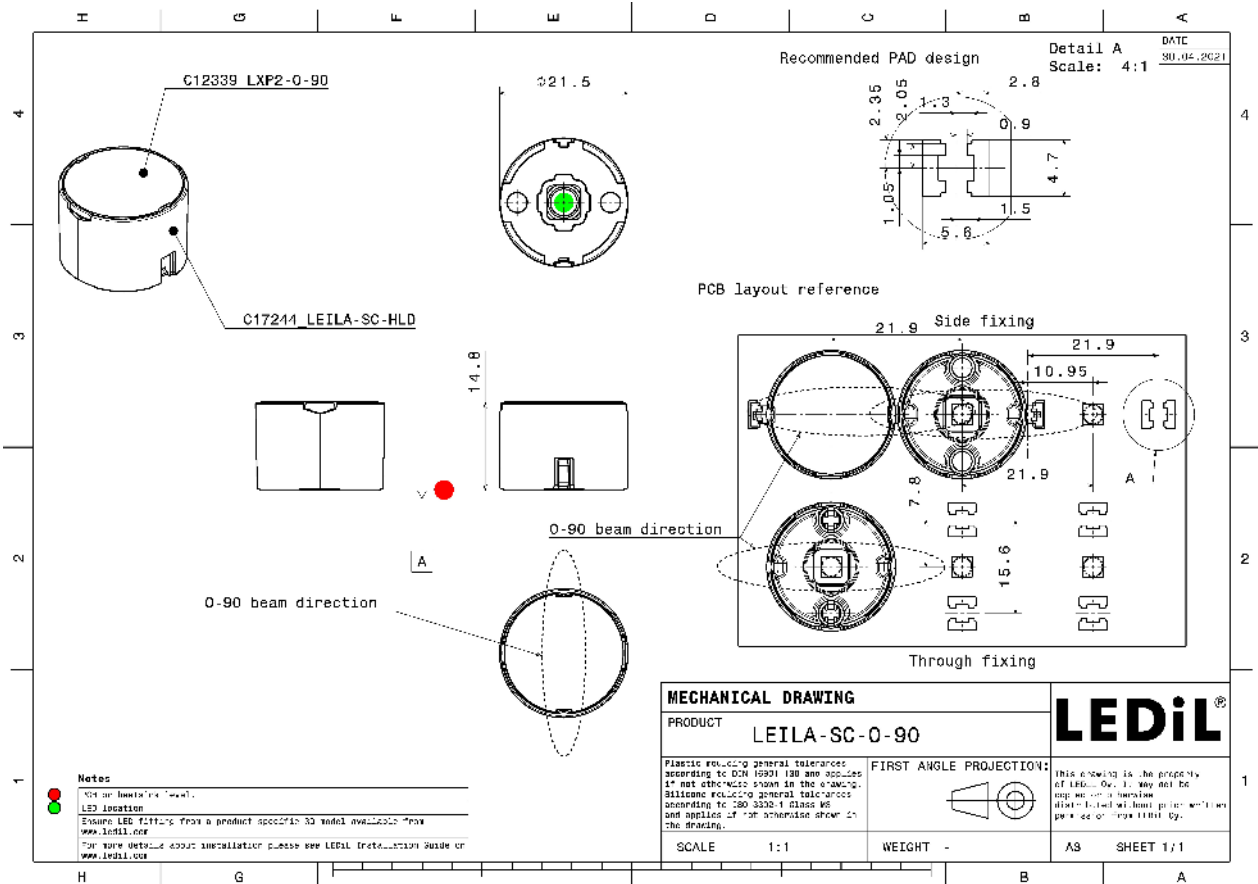
### MATERIALS:

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

### ORDERING INFORMATION:

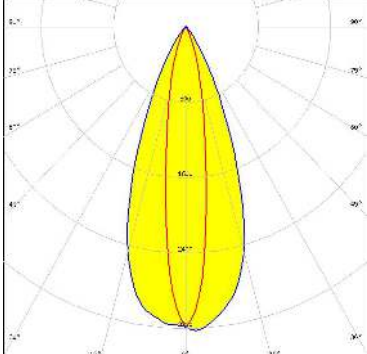
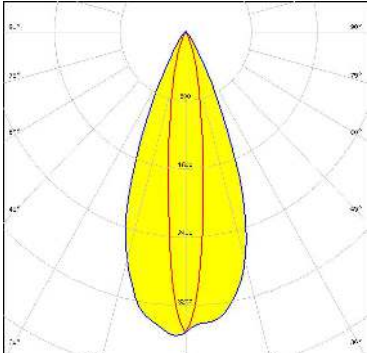
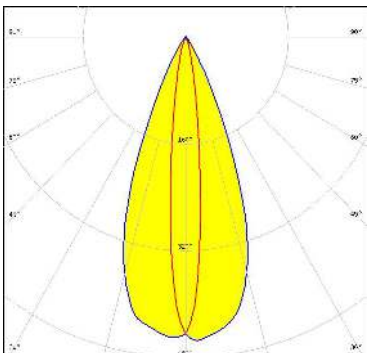
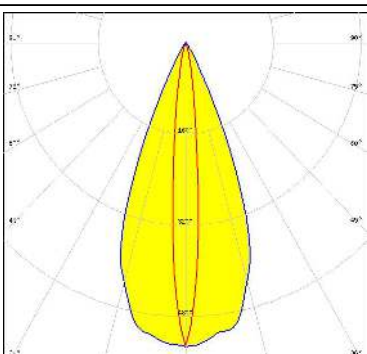
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17590_LEILA-SC-O-90	Single lens	1680	336	112	7.8
» Box size: 480 x 280 x 300 mm					





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

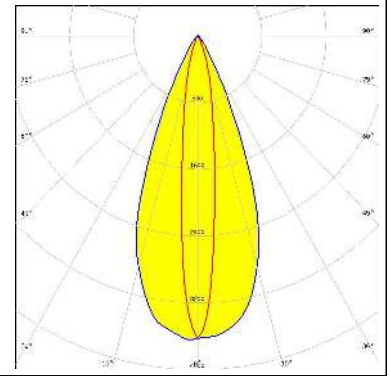
#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>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: RGBW            Required components:</p>	
<p><b>CREE</b> LED</p> <p>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: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>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: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: OSOLON 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: White            Required components:</p>	

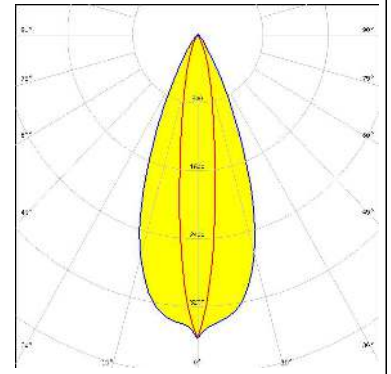
**OPTICAL RESULTS (SIMULATED):**

## 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 White  
 Required components:



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 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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