

LEILA-Y-SC2-O-90

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



SPECIFICATION:

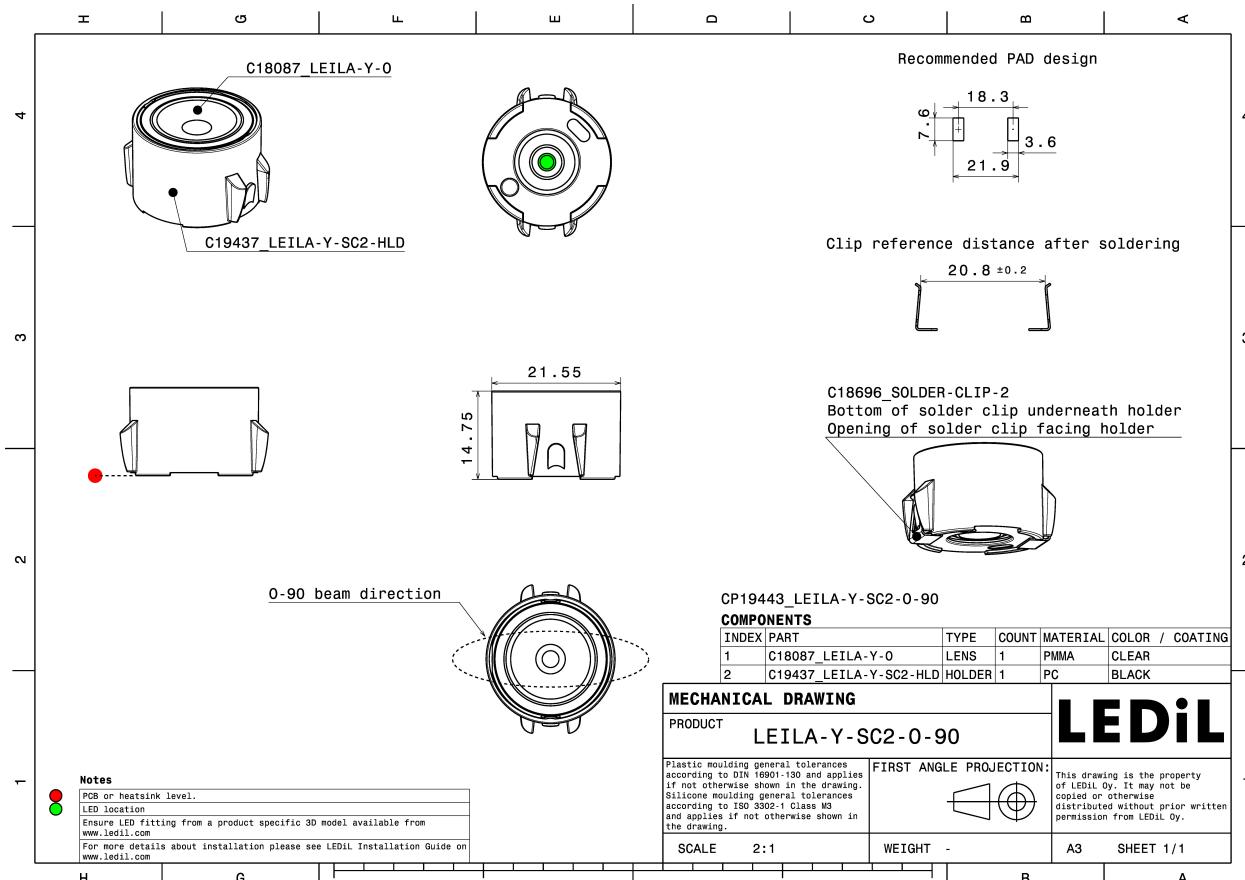
Dimensions	Ø 21.6
Height	14.8 mm
Fastening	solder clip
ROHS compliant	yes ⓘ

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

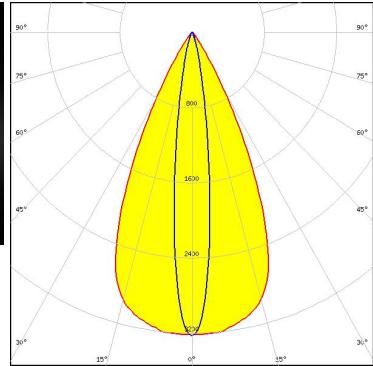


See also our general installation guide: www.ledil.com/installation_guide

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:

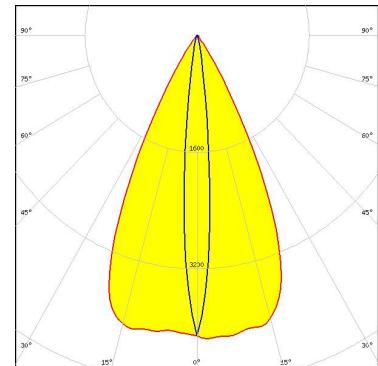


Light distribution files

OPTICAL RESULTS (SIMULATED):



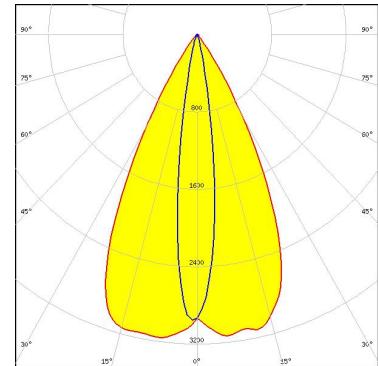
LED	XP-E2
FWHM / FWTM	52.0 + 10.0° / 68.0 + 20.0°
Efficiency	84 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour/type	Blue
Required components:	



Light distribution files



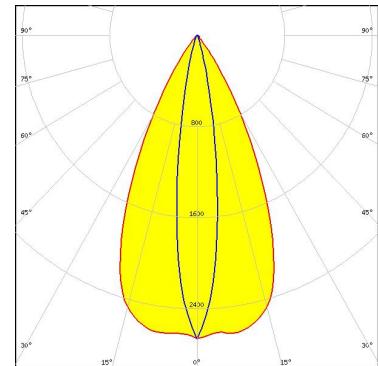
LED	XP-E2
FWHM / FWTM	54.0 + 15.0° / 72.0 + 27.0°
Efficiency	83 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	Amber
Required components:	



Light distribution files



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

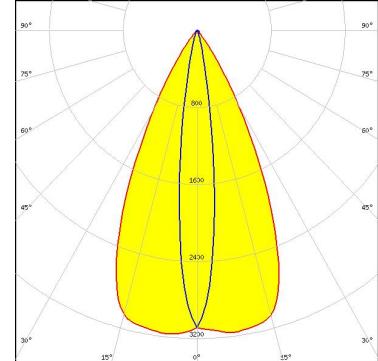


Light distribution files

OPTICAL RESULTS (SIMULATED):



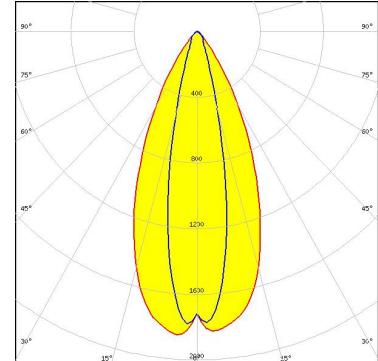
LED XP-G4
 FWHM / FWTM $52.0 + 14.0^\circ / 72.0 + 28.0^\circ$
 Efficiency 83 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 5050 HE Plus
 FWHM / FWTM $47.0 + 23.0^\circ / 76.0 + 44.0^\circ$
 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:

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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LEDiL Oy
Joensuunkatu 7
FI-24100 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

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