

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 ⓘ |

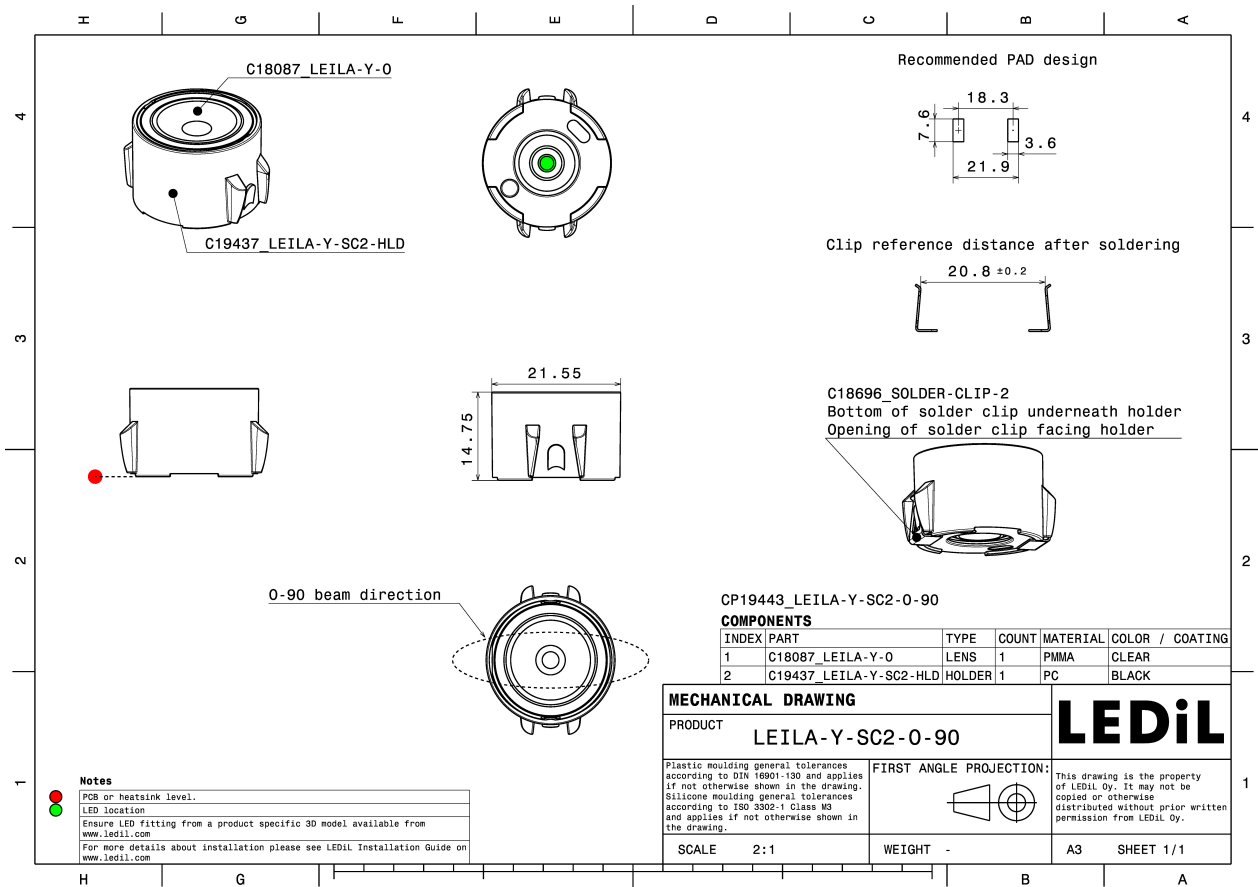


MATERIALS:

| 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 |

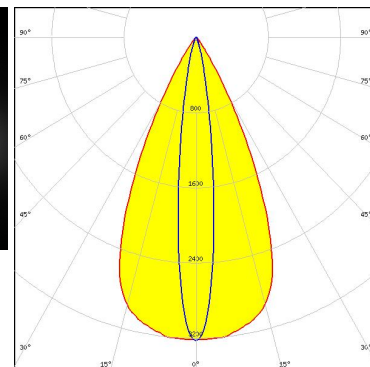
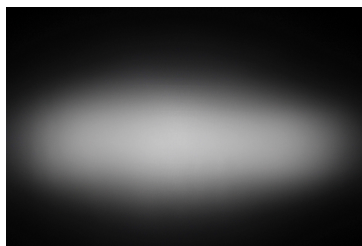


See also our general installation guide: www.ledil.com/installation_guide

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: | |

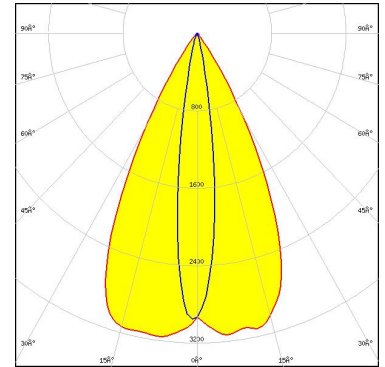


Light distribution files

OPTICAL RESULTS (SIMULATED):



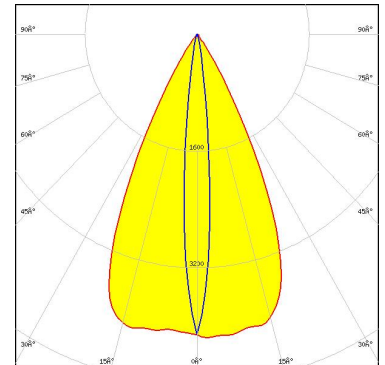
LED XP-E2
 FWHM / FWTM 54.0 + 15.0° / 72.0 + 27.0°
 Efficiency 83 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type Amber
 Required components:



Light distribution files



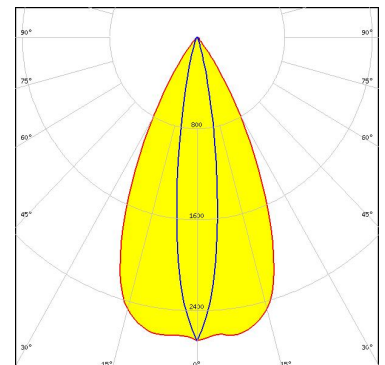
LED XP-E2
 FWHM / FWTM 52.0 + 10.0° / 68.0 + 20.0°
 Efficiency 84 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour/type Blue
 Required components:



Light distribution files



LED XP-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:

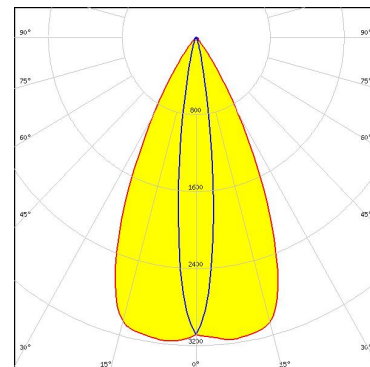


Light distribution files

OPTICAL RESULTS (SIMULATED):



| | |
|----------------------|-----------------------------|
| LED | XP-G4 |
| FWHM / FWTM | 52.0 + 14.0° / 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

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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