

## OLGA-SC2-RS2

~5° spot beam beam. Optimized for high-power 3535 size LED packages. Assembly with black SC2-holder.

### SPECIFICATION:

|                |        |
|----------------|--------|
| Dimensions     | Ø 32.0 |
| Height         | 19 mm  |
| Fastening      | tape   |
| ROHS compliant | yes ⓘ  |

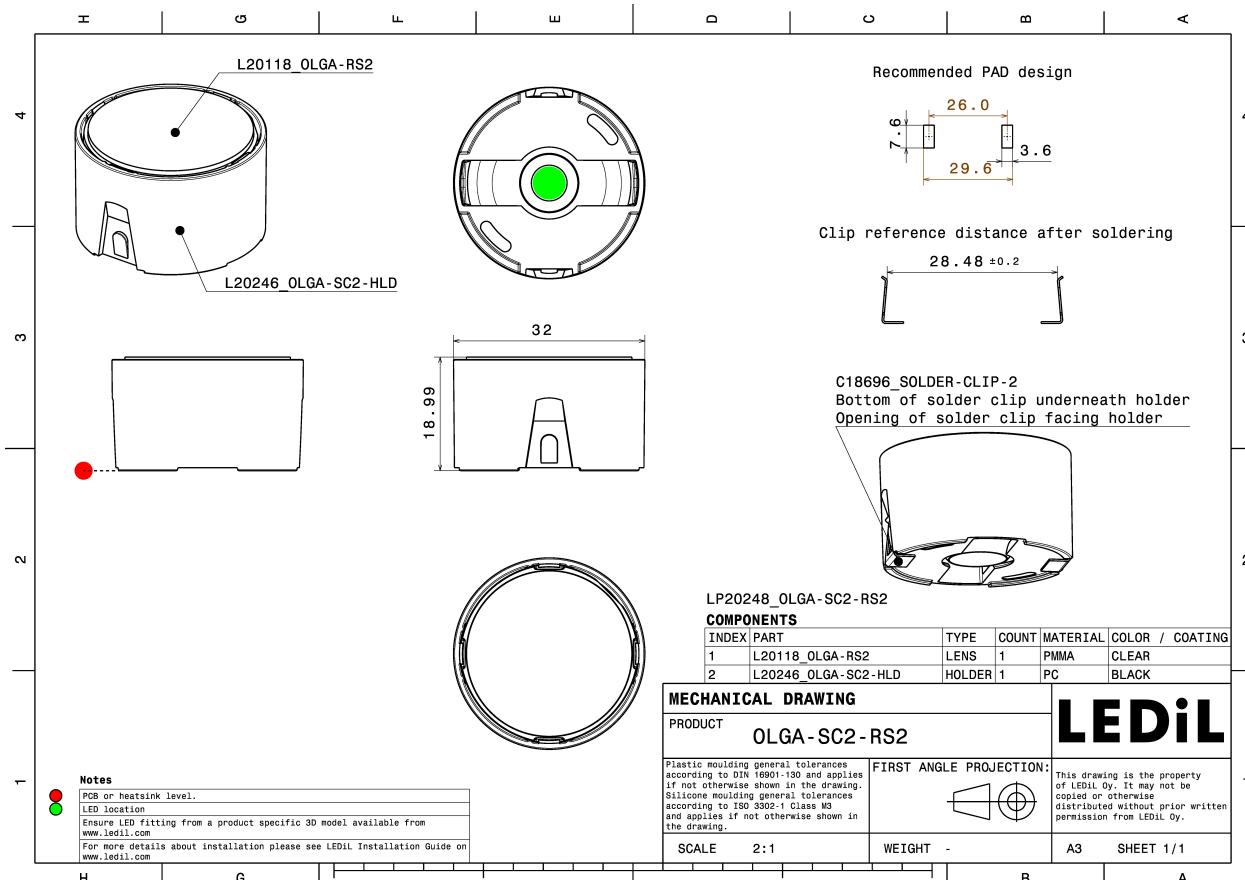


### MATERIALS:

| Component | Type        | Material | Colour | Finish | Length (mm) |
|-----------|-------------|----------|--------|--------|-------------|
| OLGA-RS2  | Single lens | PMMA     | clear  | gloss  |             |

### ORDERING INFORMATION:

| Component  | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| LP20248_OLGA-SC2-RS2<br>» Box size: 476 x 273 x 292 mm | 792        | 132 | 66  | 10.0            |

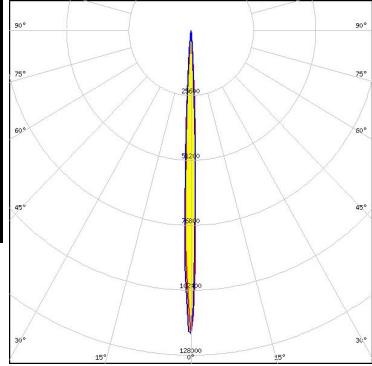


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



LED XQ-E HI  
FWHM / FWTM 4.0° / 8.0°  
Efficiency 95 %  
Peak intensity 119.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

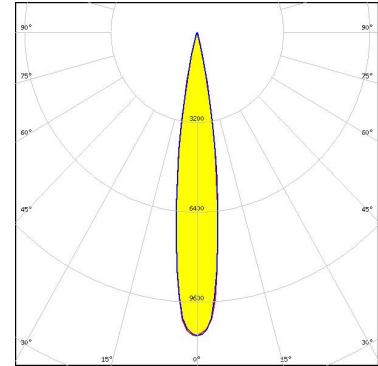


Light distribution files

### OPTICAL RESULTS (SIMULATED):



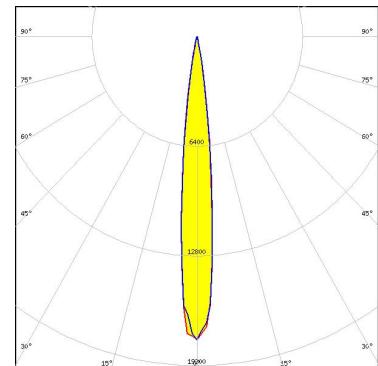
LED XHP35.2 HD  
 FWHM / FWTM 16.0° / 26.0°  
 Efficiency 90 %  
 Peak intensity 10.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



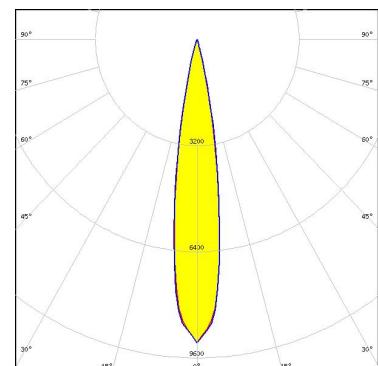
LED XHP35.2 HI  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 93 %  
 Peak intensity 17.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XHP50.3 HD  
 FWHM / FWTM 17.0° / 28.0°  
 Efficiency 90 %  
 Peak intensity 9.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

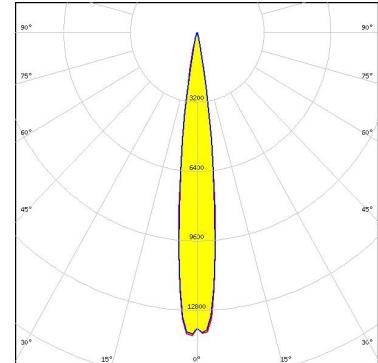


Light distribution files

### OPTICAL RESULTS (SIMULATED):



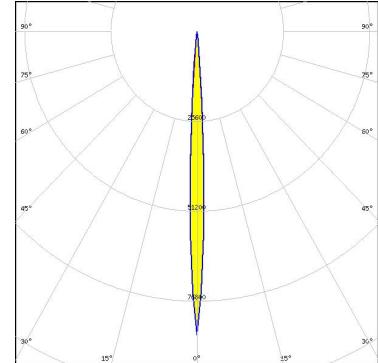
LED XHP50.3 HI  
 FWHM / FWTM 13.0° / 23.0°  
 Efficiency 93 %  
 Peak intensity 14 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



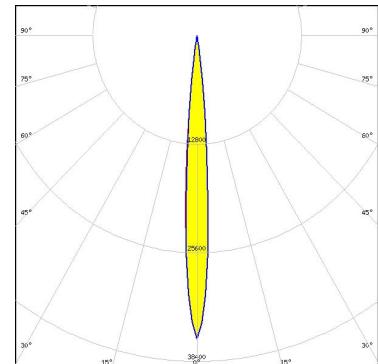
LED XP-E2  
 FWHM / FWTM 5.0° / 10.0°  
 Efficiency 95 %  
 Peak intensity 86.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G4  
 FWHM / FWTM 9.0° / 15.0°  
 Efficiency 94 %  
 Peak intensity 35.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

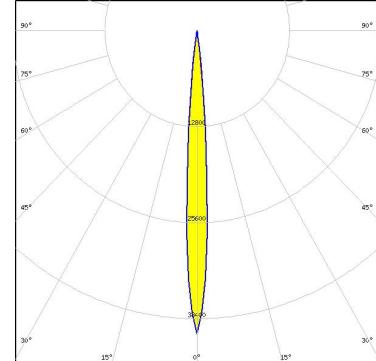


Light distribution files

### OPTICAL RESULTS (SIMULATED):



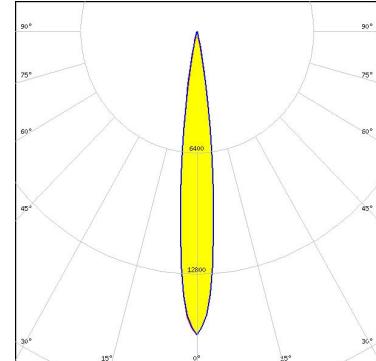
|                      |              |
|----------------------|--------------|
| LED                  | XP-L HI      |
| FWHM / FWTM          | 8.0° / 14.0° |
| Efficiency           | 94 %         |
| Peak intensity       | 40.4 cd/lm   |
| LEDs/each optic      | 1            |
| Light colour/type    | White        |
| Required components: |              |



Light distribution files



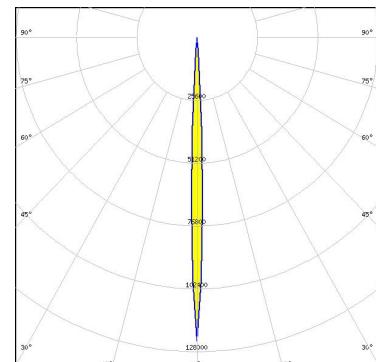
|                      |               |
|----------------------|---------------|
| LED                  | XP-L2         |
| FWHM / FWTM          | 13.0° / 22.0° |
| Efficiency           | 91 %          |
| Peak intensity       | 16 cd/lm      |
| LEDs/each optic      | 1             |
| Light colour/type    | White         |
| Required components: |               |



Light distribution files



|                      |             |
|----------------------|-------------|
| LED                  | XP-P        |
| FWHM / FWTM          | 4.0° / 8.0° |
| Efficiency           | 95 %        |
| Peak intensity       | 123.6 cd/lm |
| LEDs/each optic      | 1           |
| Light colour/type    | White       |
| Required components: |             |

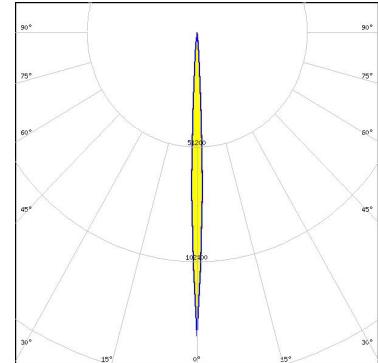


Light distribution files

### OPTICAL RESULTS (SIMULATED):



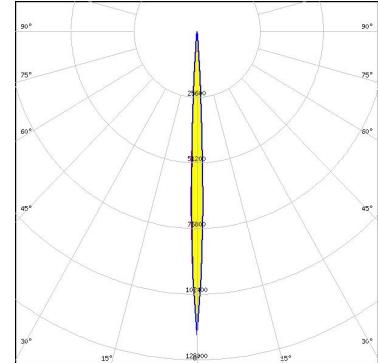
LED LUXEON CZ  
 FWHM / FWTM 4.0° / 8.0°  
 Efficiency 95 %  
 Peak intensity 135.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



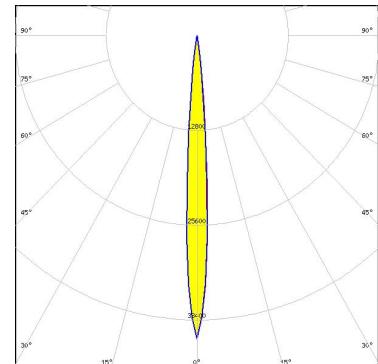
LED LUXEON Rubix  
 FWHM / FWTM 4.0° / 8.0°  
 Efficiency 95 %  
 Peak intensity 118.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON TX  
 FWHM / FWTM 8.0° / 14.0°  
 Efficiency 94 %  
 Peak intensity 41 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

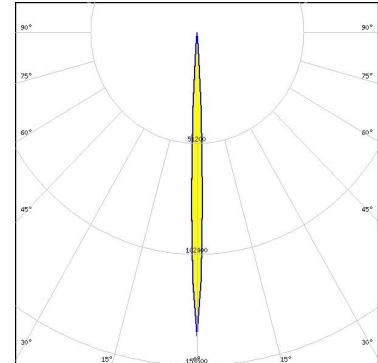


Light distribution files

### OPTICAL RESULTS (SIMULATED):



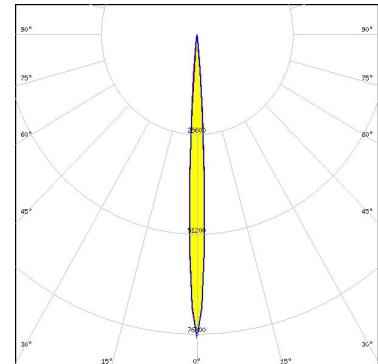
|                      |             |
|----------------------|-------------|
| LED                  | SFT-10-CG   |
| FWHM / FWTM          | 4.0° / 8.0° |
| Efficiency           | 92 %        |
| Peak intensity       | 140 cd/lm   |
| LEDs/each optic      | 1           |
| Light colour/type    | PC Green    |
| Required components: |             |



Light distribution files



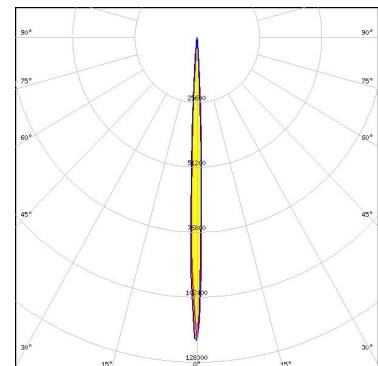
|                      |              |
|----------------------|--------------|
| LED                  | SFT-20-CG    |
| FWHM / FWTM          | 6.0° / 11.0° |
| Efficiency           | 93 %         |
| Peak intensity       | 77.8 cd/lm   |
| LEDs/each optic      | 1            |
| Light colour/type    | PC Green     |
| Required components: |              |



Light distribution files



|                      |              |
|----------------------|--------------|
| LED                  | NVSW219C-V2  |
| FWHM / FWTM          | 8.0° / 14.0° |
| Efficiency           | 94 %         |
| Peak intensity       | 50.8 cd/lm   |
| LEDs/each optic      | 1            |
| Light colour/type    | White        |
| Required components: |              |



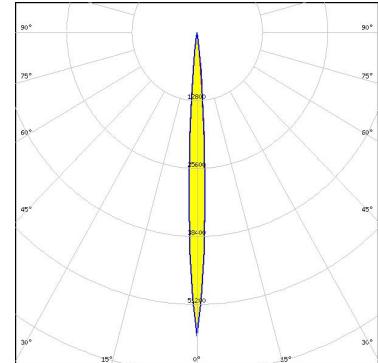
Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**

Opto Semiconductors

LED                   OSCONIQ C 2424 Gen1  
 FWHM / FWTM    6.0° / 12.0°  
 Efficiency        95 %  
 Peak intensity    57 cd/lm  
 LEDs/each optic   1  
 Light colour/type   White  
 Required components:

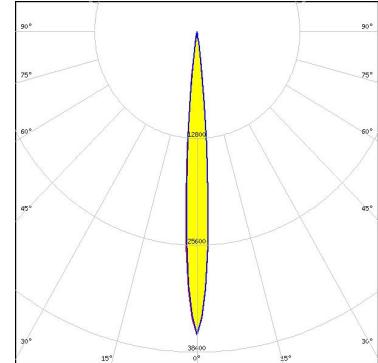


Light distribution files

**OSRAM**

Opto Semiconductors

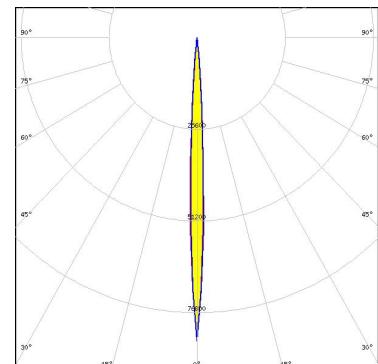
LED                   OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM    8.0° / 15.0°  
 Efficiency        93 %  
 Peak intensity    36.3 cd/lm  
 LEDs/each optic   1  
 Light colour/type   White  
 Required components:



**OSRAM**

Opto Semiconductors

LED                   OSLON SSL 150  
 FWHM / FWTM    5.0° / 10.0°  
 Efficiency        95 %  
 Peak intensity    84.7 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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**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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