

## LISA4-O

~20° + ~50° oval beam with integrated pins on lens

### SPECIFICATION:

Dimensions	Ø 10.0
Height	7.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

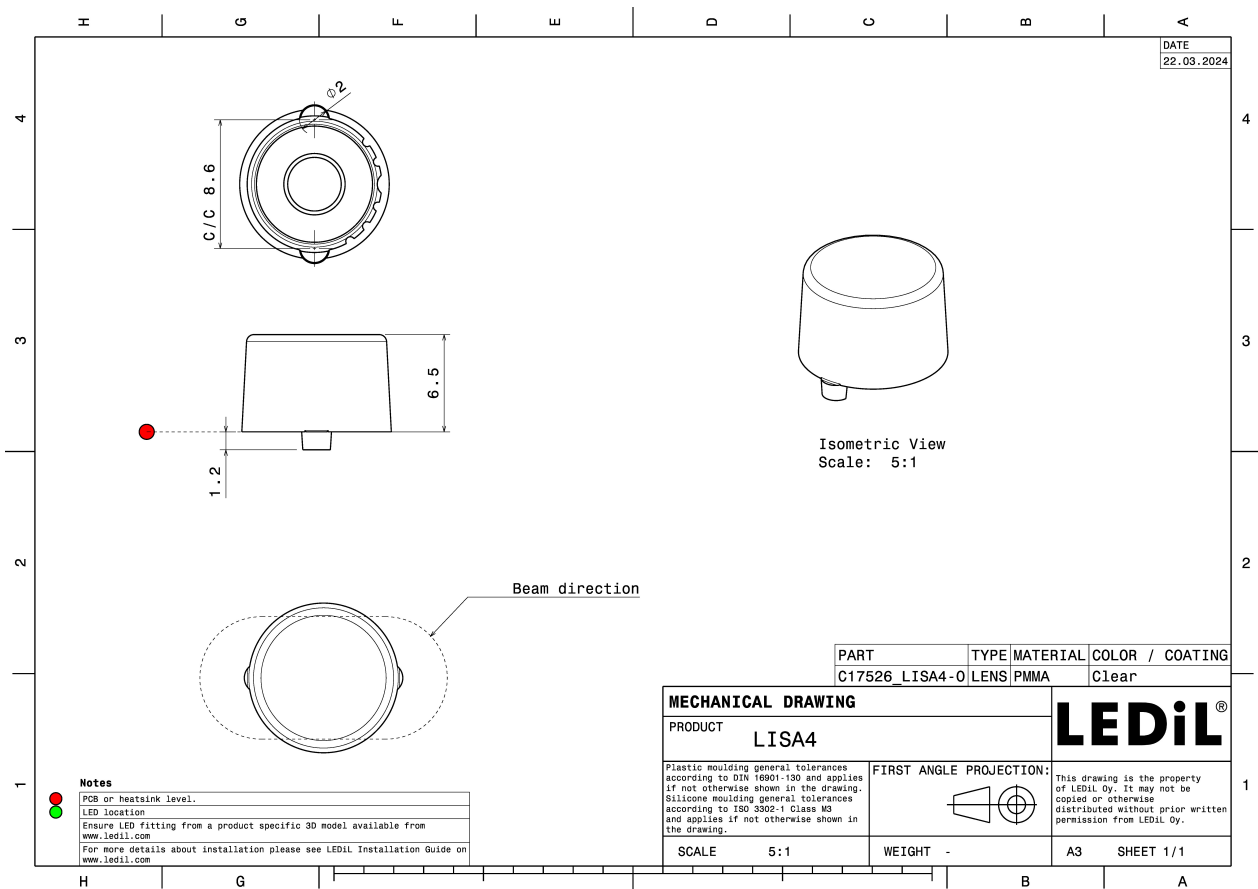


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA4-O	Single lens	PMMA	clear		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17526_LISA4-O	20000	1000	1000	7.5
» Box size: 430 x 390 x 215 mm				

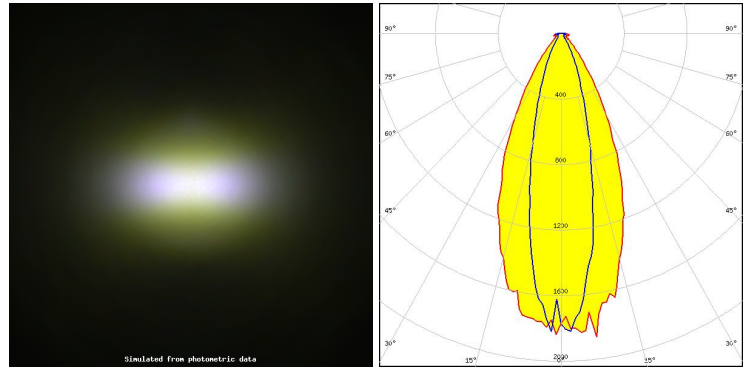


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



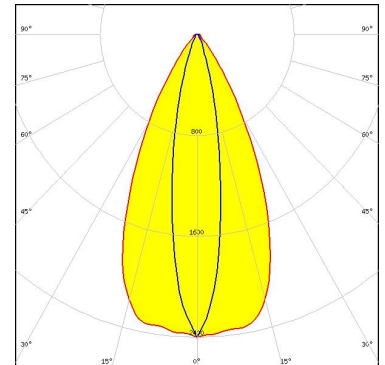
LED J Series 3030C  
 FWHM / FWTM 48.0 + 26.0° / 82.0 + 55.0°  
 Efficiency 93 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



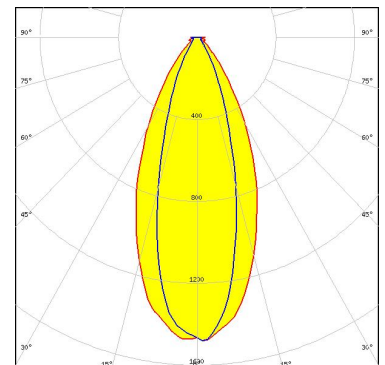
LED XP-E2  
 FWHM / FWTM 50.0 + 19.0° / 78.0 + 41.0°  
 Efficiency 93 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G3  
 FWHM / FWTM 48.0 + 30.0° / 88.0 + 64.0°  
 Efficiency 90 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

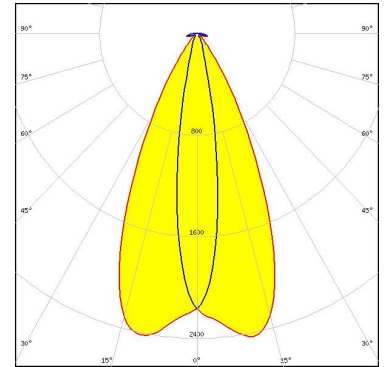


Light distribution files

### OPTICAL RESULTS (SIMULATED):



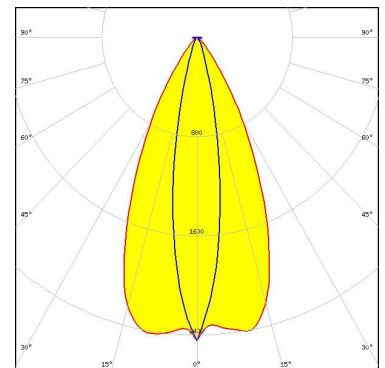
LED LUXEON HL1Z (White)  
FWHM / FWTM 50.0 + 18.0° / 74.0 + 33.0°  
Efficiency 95 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



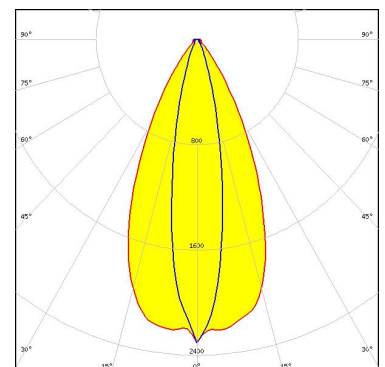
LED LUXEON Z ES  
FWHM / FWTM 50.0 + 18.0° / 76.0 + 37.0°  
Efficiency 92 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SST-12 Gen1  
FWHM / FWTM 50.0 + 20.0° / 80.0 + 42.0°  
Efficiency 94 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

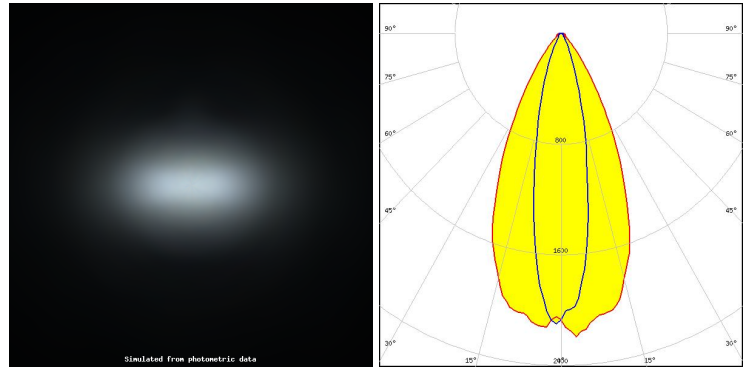


Light distribution files

### OPTICAL RESULTS (SIMULATED):



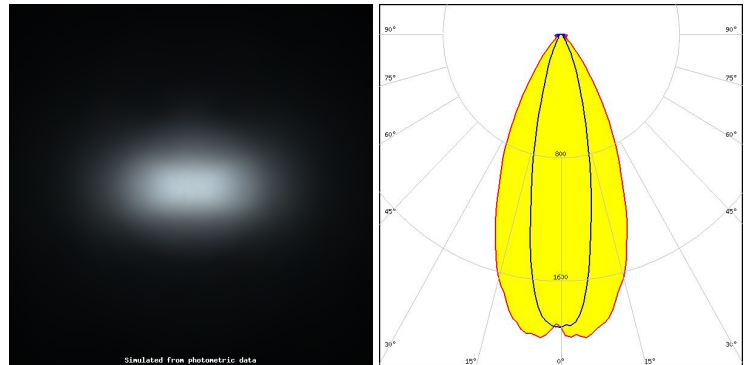
LED SST-12 Gen2  
FWHM / FWTM 50.0 + 22.0° / 81.0 + 47.0°  
Efficiency 93 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



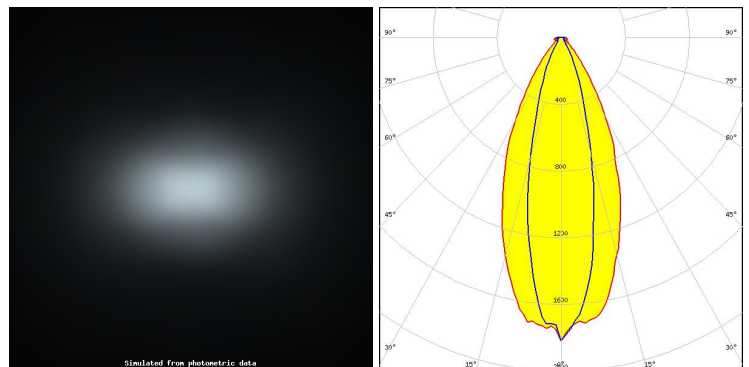
LED SST-20 Gen2  
FWHM / FWTM 48.0 + 24.0° / 82.0 + 50.0°  
Efficiency 93 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SST-25-W  
FWHM / FWTM 46.0 + 26.0° / 82.0 + 56.0°  
Efficiency 93 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

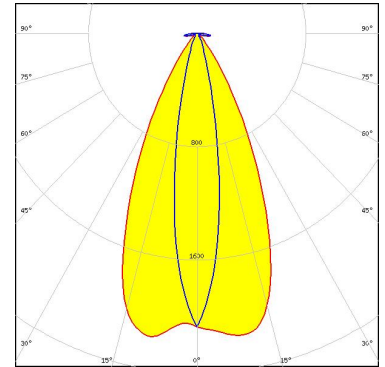


Light distribution files

### OPTICAL RESULTS (SIMULATED):



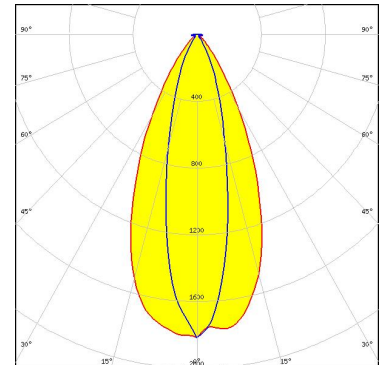
LED NCSxE17A  
FWHM / FWTM 50.0 + 18.0° / 76.0 + 38.0°  
Efficiency 92 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



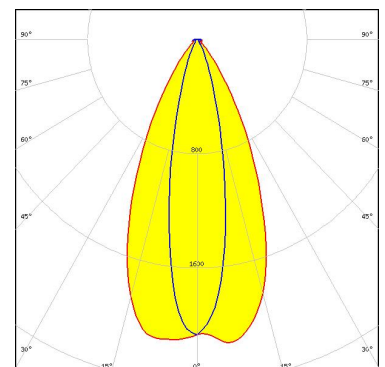
LED NFSx757G  
FWHM / FWTM 48.0 + 24.0° / 79.0 + 56.0°  
Efficiency 88 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED OSCONIQ C 2424 Gen1  
FWHM / FWTM 49.0 + 22.0° / 78.0 + 45.0°  
Efficiency 93 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

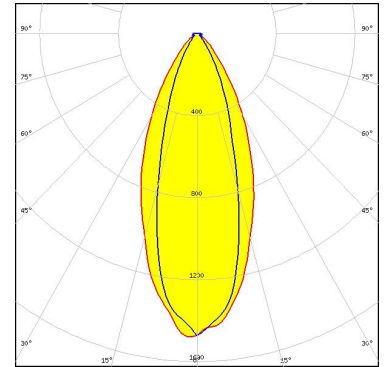


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

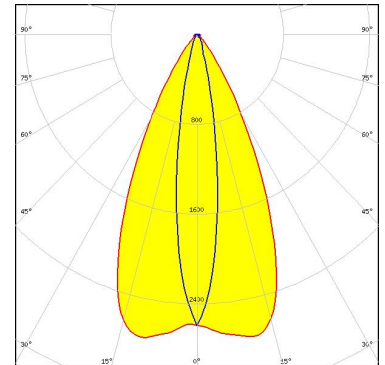
LED OSCONIQ P 3737 (3W) PUSTA1  
FWHM / FWTM 45.0 + 31.0° / 85.0 + 65.0°  
Efficiency 88 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

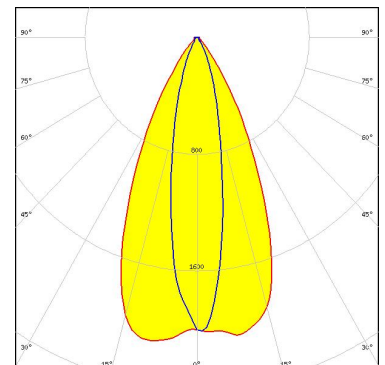
LED OSLO Pure 1414  
FWHM / FWTM 52.0 + 16.0° / 76.0 + 34.0°  
Efficiency 95 %  
Peak intensity 2.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLO SSL 80  
FWHM / FWTM 50.0 + 21.0° / 77.0 + 49.0°  
Efficiency 88 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

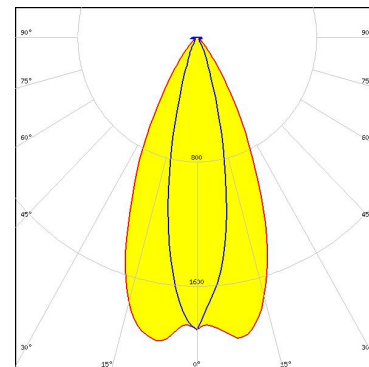


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

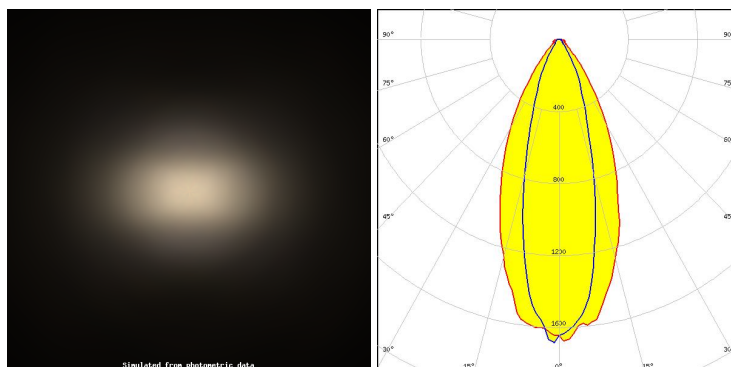
LED SFH 4715AS  
FWHM / FWTM 48.0 + 21.0° / 75.0 + 37.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

**SEOL**  
SEOUL SEMICONDUCTOR

LED Z5M3-E1  
FWHM / FWTM 46.0 + 28.0° / 86.0 + 61.0°  
Efficiency 92 %  
Peak intensity 1.7 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

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

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