

## LISA4-O

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

### SPECIFICATION:

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

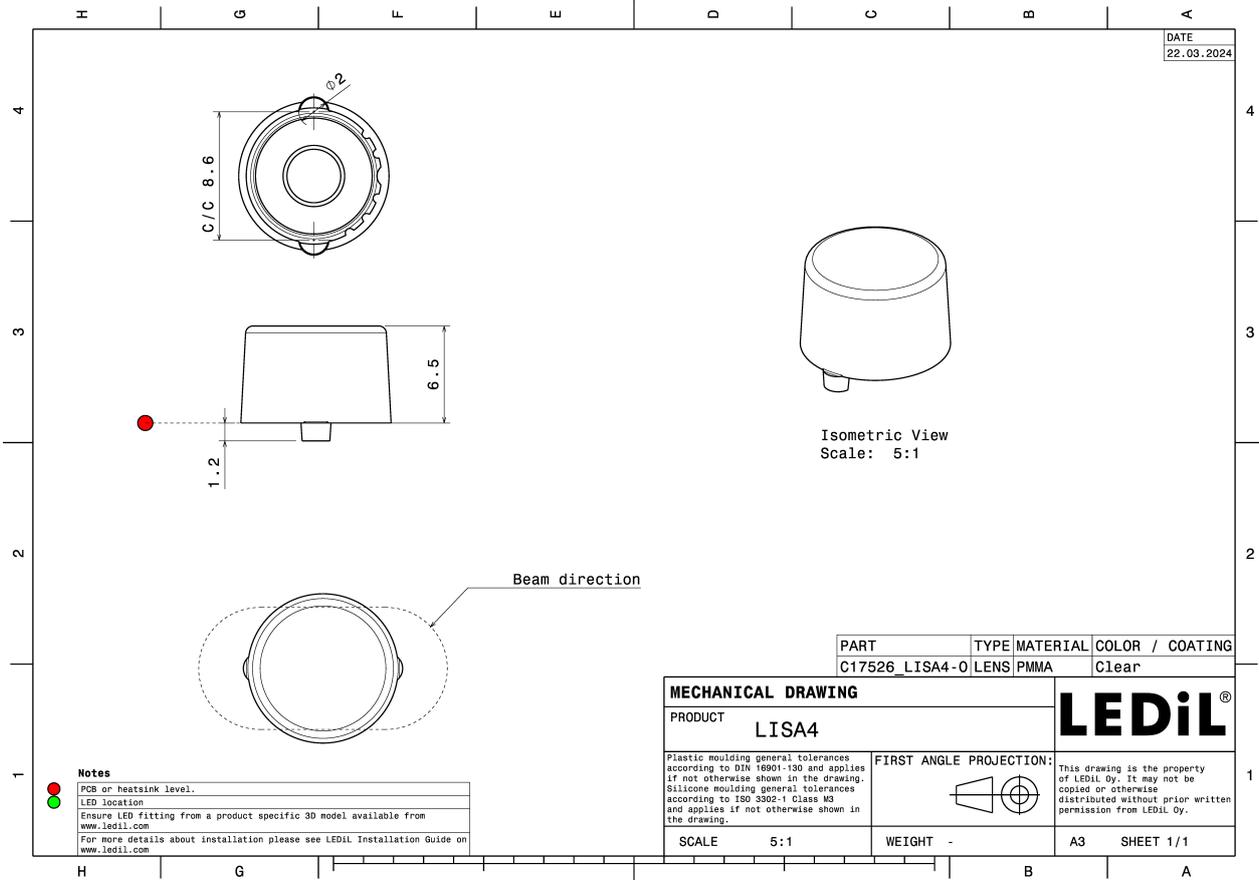


### MATERIALS:

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 » Box size: 430 x 390 x 215 mm	20000	1000	1000	7.5

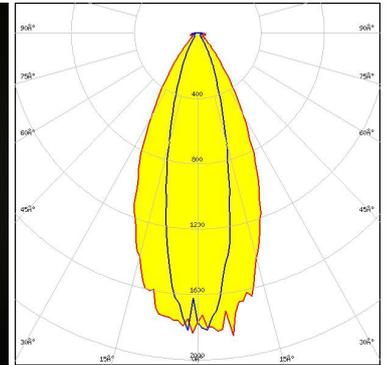


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



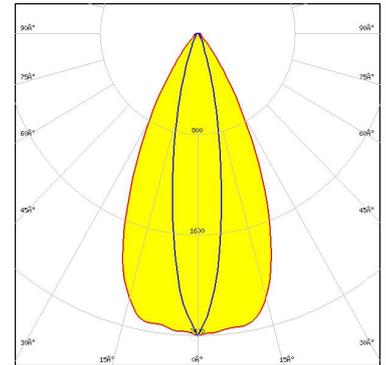
**LED** J Series 3030C  
**FWHM / FWTM** 48.0 + 26.0° / 82.0 + 55.0°  
**Efficiency** 93 %  
**Peak intensity** 2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



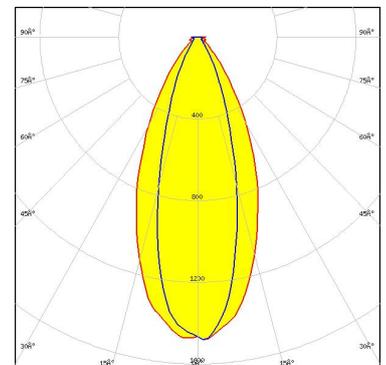
**LED** XP-E2  
**FWHM / FWTM** 50.0 + 19.0° / 78.0 + 41.0°  
**Efficiency** 93 %  
**Peak intensity** 2.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



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:**

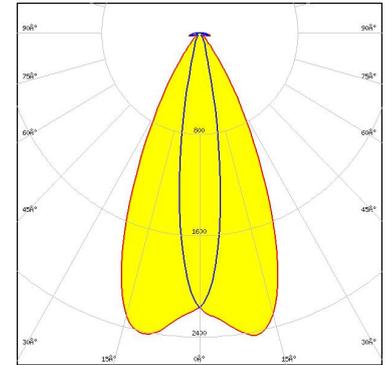


Light distribution files

### OPTICAL RESULTS (SIMULATED):



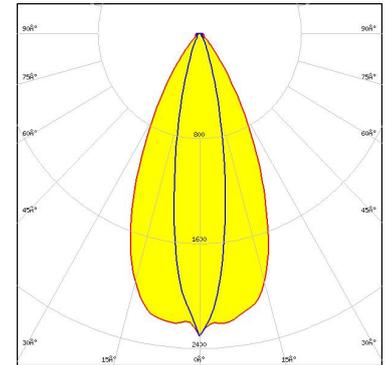
LED LUXEON HL1Z  
 FWHM / FWTM 50.0 + 18.0° / 74.0 + 33.0°  
 Efficiency 95 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



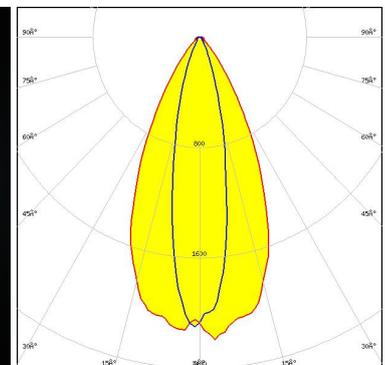
LED SST-12 Gen1  
 FWHM / FWTM 50.0 + 20.0° / 80.0 + 42.0°  
 Efficiency 94 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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:

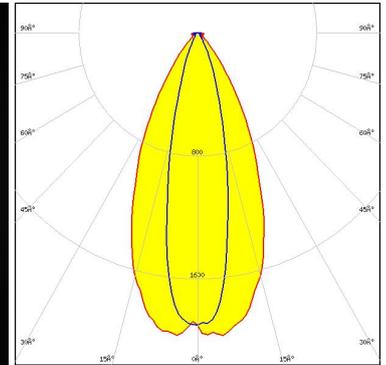


Light distribution files

### OPTICAL RESULTS (SIMULATED):



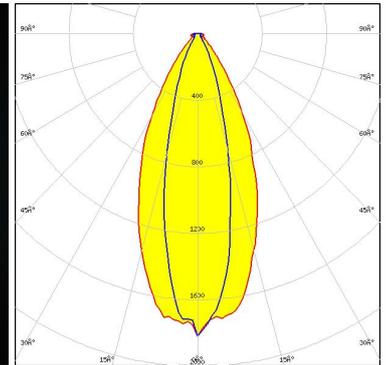
LED SST-20 Gen2  
 FWHM / FWTM 48.0 + 24.0° / 82.0 + 50.0°  
 Efficiency 93 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



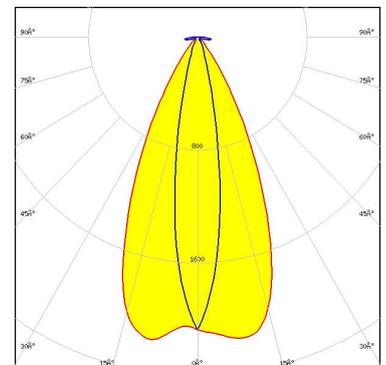
LED SST-25-W  
 FWHM / FWTM 46.0 + 26.0° / 82.0 + 56.0°  
 Efficiency 93 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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:

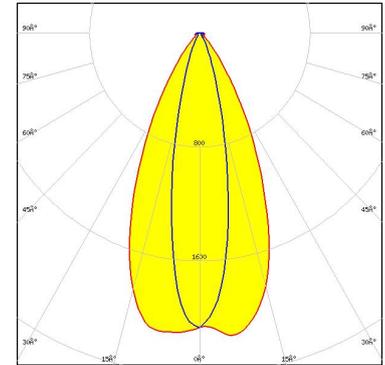


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

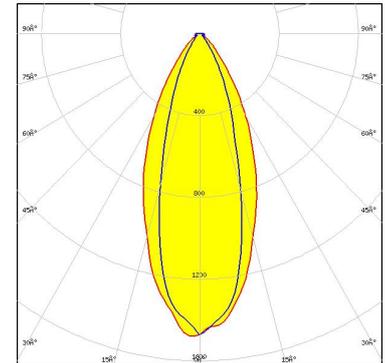
LED OSCONIQ C 2424  
FWHM / FWTM 49.0 + 22.0° / 78.0 + 45.0°  
Efficiency 93 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

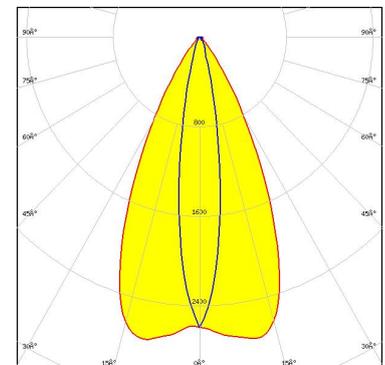
LED OSCONIQ P 3737 (3W version)  
FWHM / FWTM 45.0 + 31.0° / 85.0 + 65.0°  
Efficiency 88 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSOLON 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:

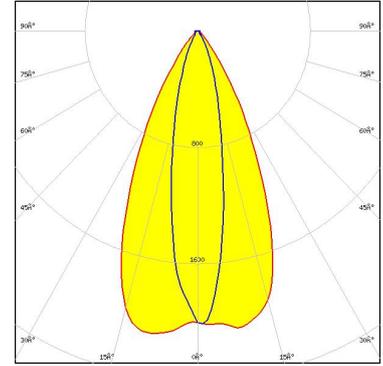


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

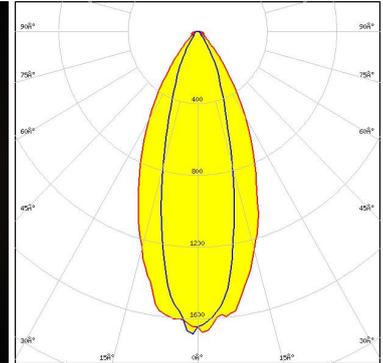
LED OSLON SSL 80  
FWHM / FWTM 50.0 + 21.0° / 77.0 + 49.0°  
Efficiency 88 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**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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