

LISA4-O

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



SPECIFICATION:

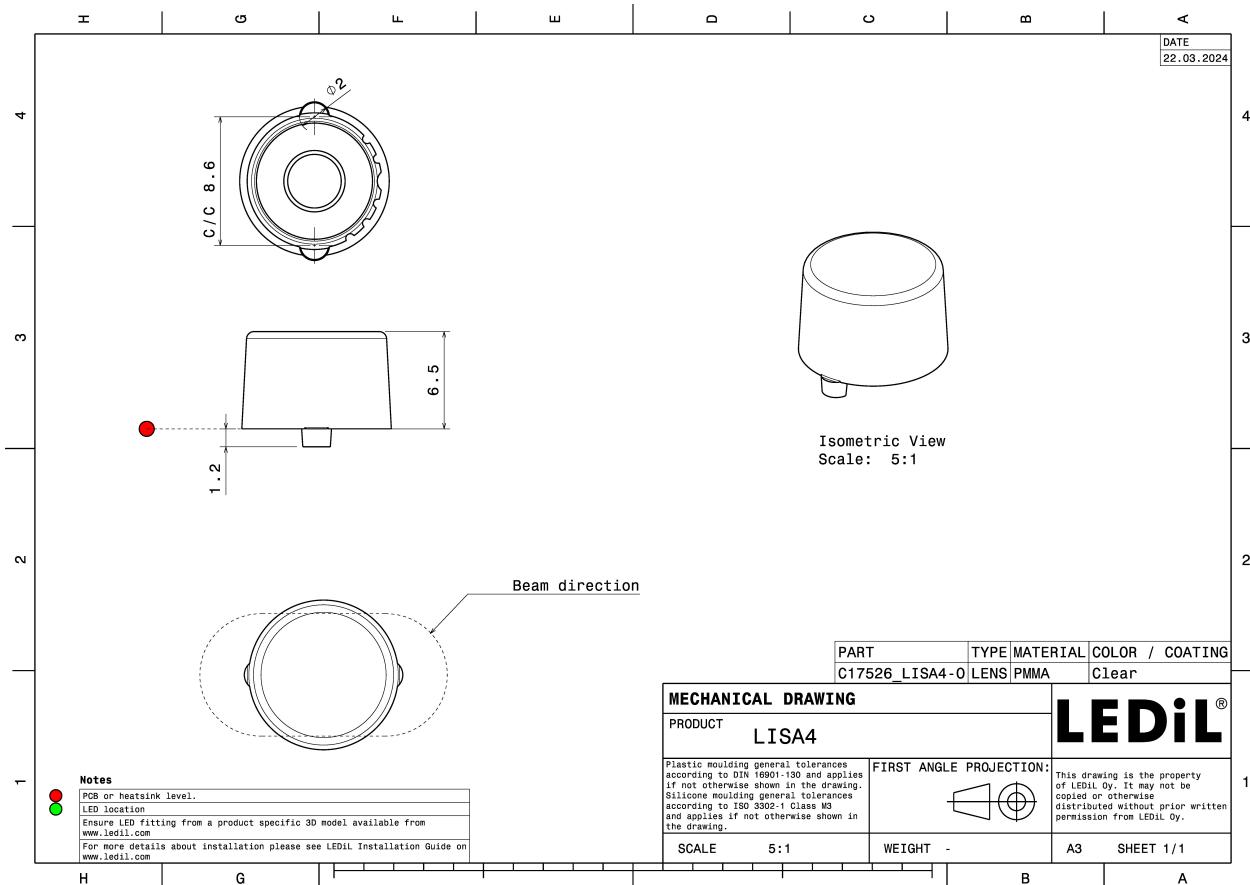
Dimensions	Ø 10.0
Height	7.7 mm
Fastening	glue, pin
ROHS compliant	yes 

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

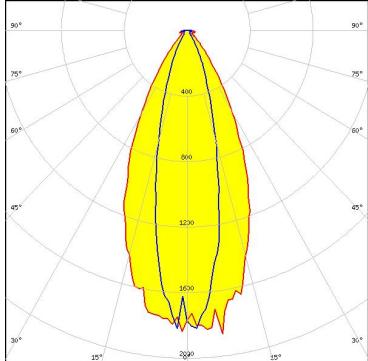


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):



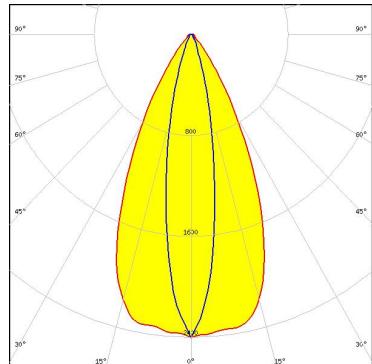
LED	J Series 3030C
FWHM / FWTM	48.0 + 26.0° / 82.0 + 55.0°
Efficiency	93 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



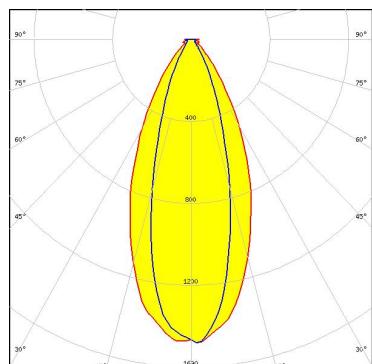
LED	XP-E2
FWHM / FWTM	50.0 + 19.0° / 78.0 + 41.0°
Efficiency	93 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:	

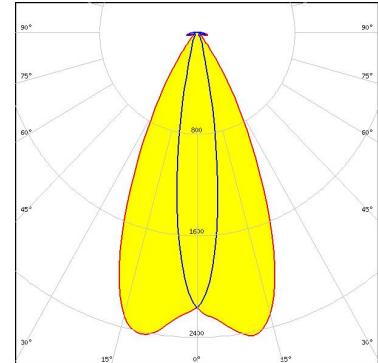


Light distribution files

OPTICAL RESULTS (SIMULATED):



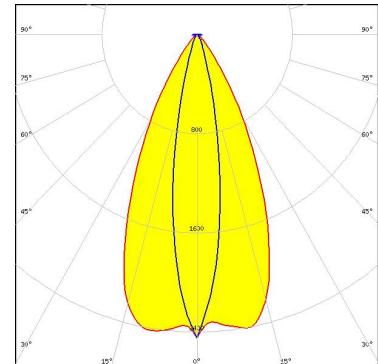
LED	LUXEON HL1Z (White)
FWHM / FWTM	50.0 + 18.0° / 74.0 + 33.0°
Efficiency	95 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



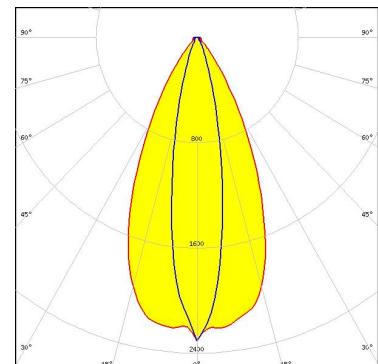
LED	LUXEON Z ES
FWHM / FWTM	50.0 + 18.0° / 76.0 + 37.0°
Efficiency	92 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:	

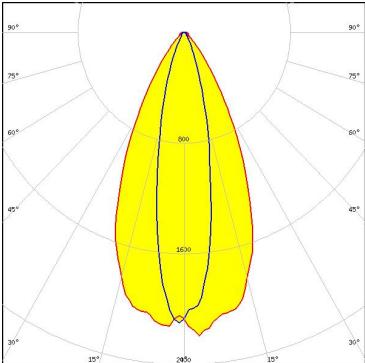


Light distribution files

OPTICAL RESULTS (SIMULATED):



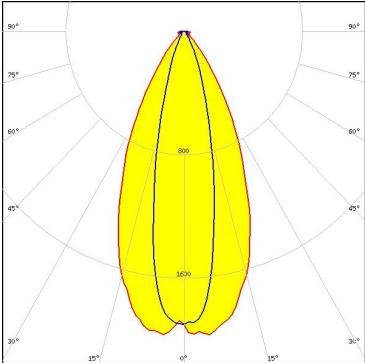
LED	SST-12 Gen2
FWHM / FWTM	50.0 + 22.0° / 81.0 + 47.0°
Efficiency	93 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



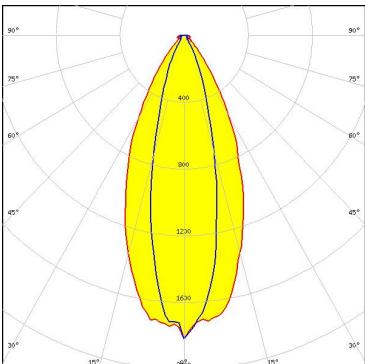
LED	SST-20 Gen2
FWHM / FWTM	48.0 + 24.0° / 82.0 + 50.0°
Efficiency	93 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:	

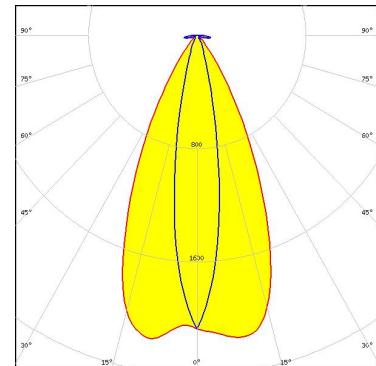


Light distribution files

OPTICAL RESULTS (SIMULATED):



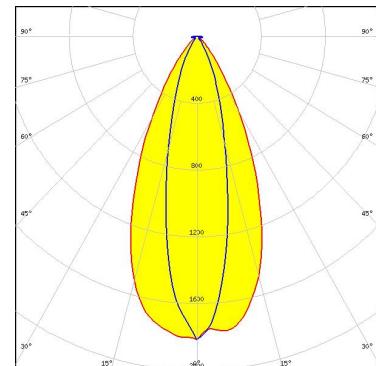
LED	NCSxE17A
FWHM / FWTM	50.0 + 18.0° / 76.0 + 38.0°
Efficiency	92 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



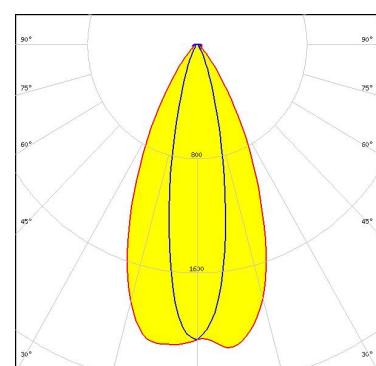
LED	NFSx757G
FWHM / FWTM	48.0 + 24.0° / 79.0 + 56.0°
Efficiency	88 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:	

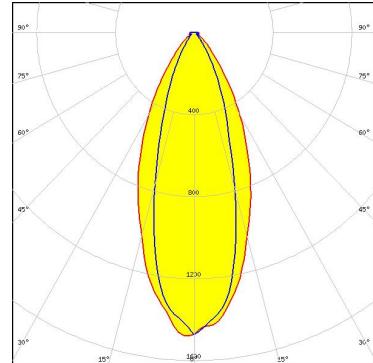


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

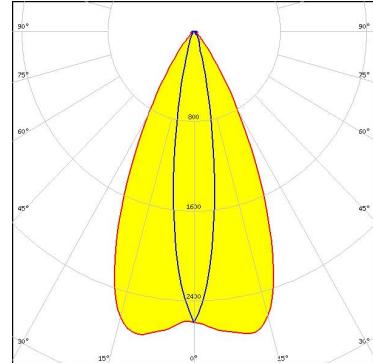
LED OSCONIQ P 3737 (3W) PUSTA1
FWHM / FWTM 45.0 + 31.0° / 85.0 + 65.0°
Efficiency 88 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

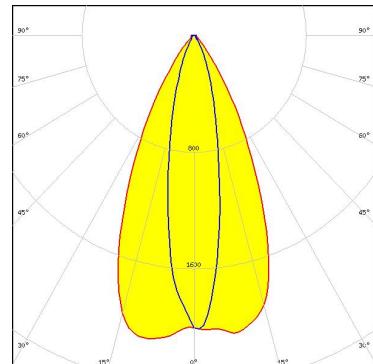
LED OSLON Pure 1414
FWHM / FWTM 52.0 + 16.0° / 76.0 + 34.0°
Efficiency 95 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED 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:

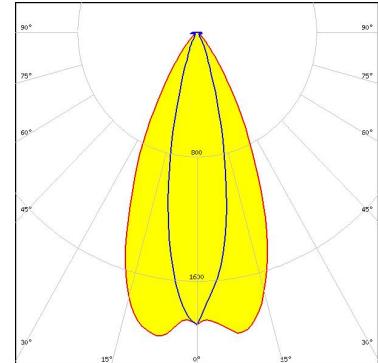


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

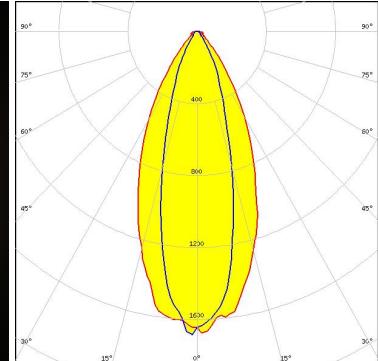
LED SFH 4715AS
FWHM / FWTM 48.0 + 21.0° / 75.0 + 37.0°
Efficiency 89 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

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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