

LISA4-W

~36° wide beam with integrated pins on lens

SPECIFICATION:

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

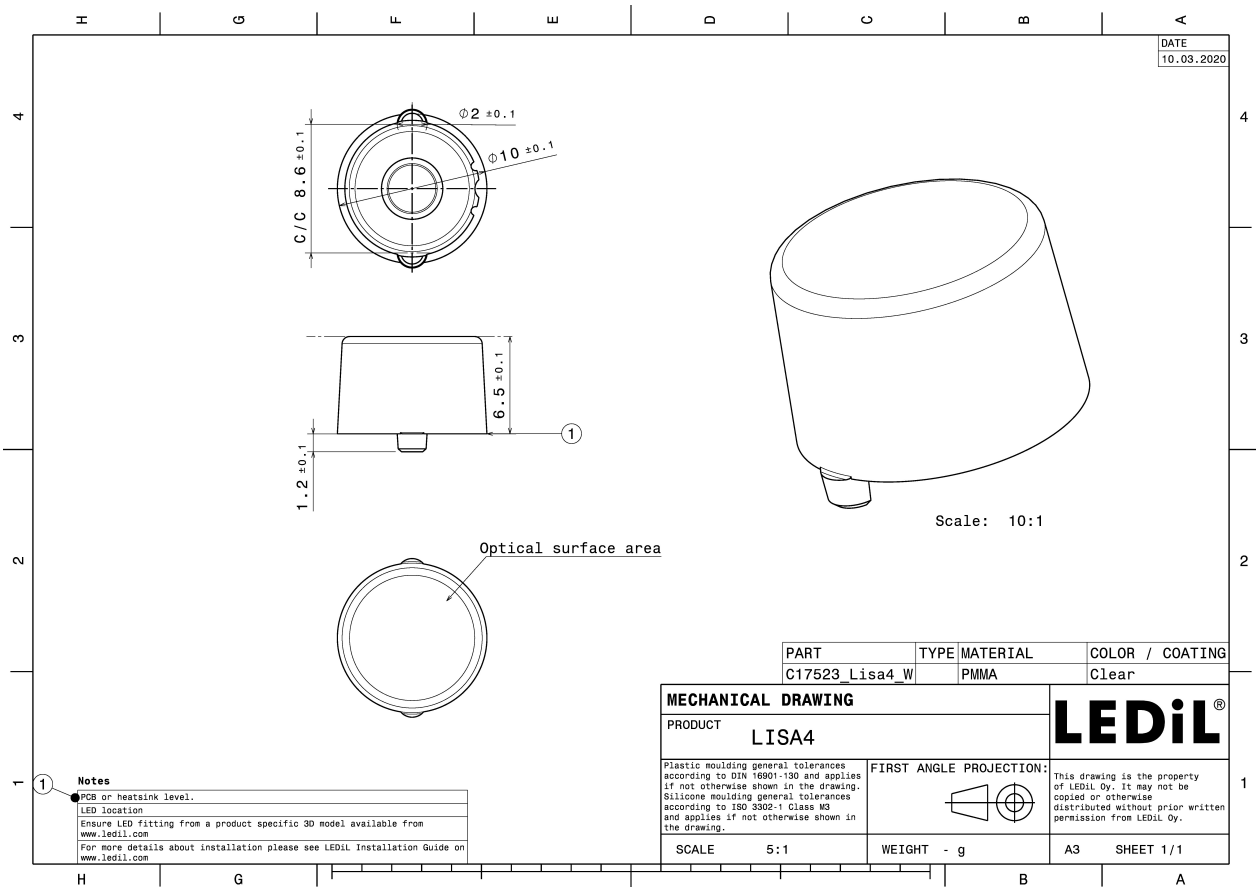
MATERIALS:

Component	Type	Material	Colour	Finish
LISA4-W	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17523_LISA4-W » Box size: 430 x 390 x 215 mm	20000	1000	1000	7.5



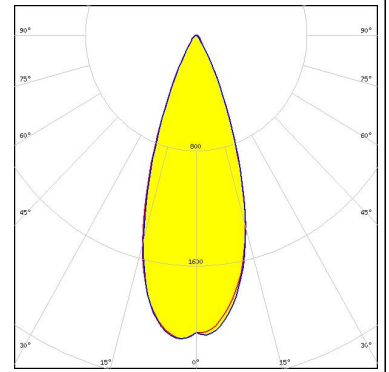


See also our general installation guide: www.ledil.com/installation_guide

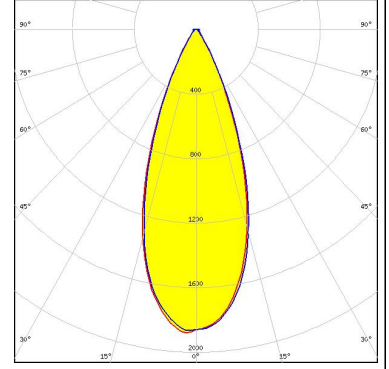
OPTICAL RESULTS (SIMULATED):



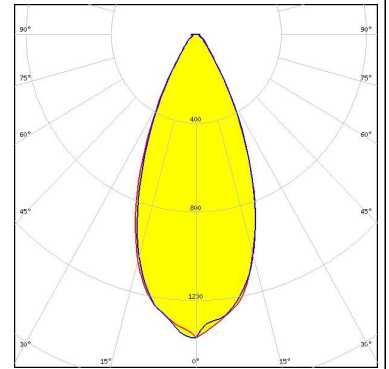
LED XP-E2
FWHM / FWTM 36.0° / 61.0°
Efficiency 95 %
Peak intensity 2.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



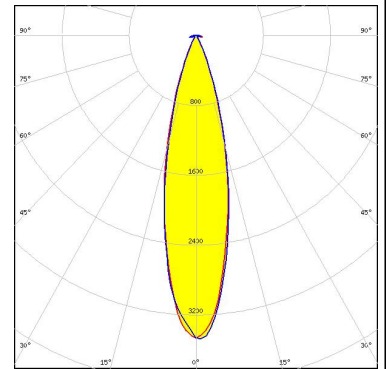
LED XP-G2
FWHM / FWTM 38.0° / 64.0°
Efficiency 95 %
Peak intensity 1.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM / FWTM 45.0° / 76.0°
Efficiency 95 %
Peak intensity 1.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



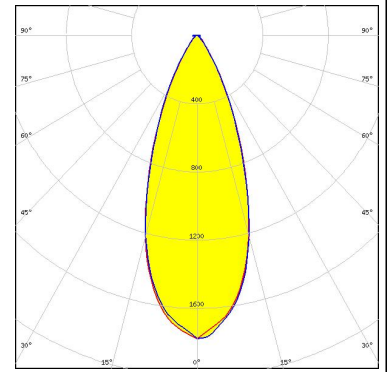
LED LUXEON HL1Z
FWHM / FWTM 26.0 + 25.0° / 48.0 + 47.0°
Efficiency 97 %
Peak intensity 3.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



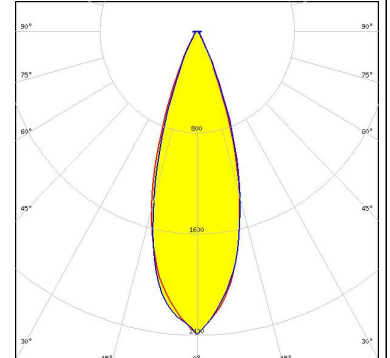
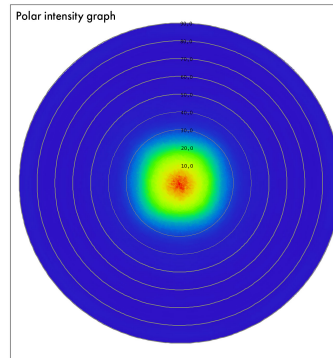
OPTICAL RESULTS (SIMULATED):



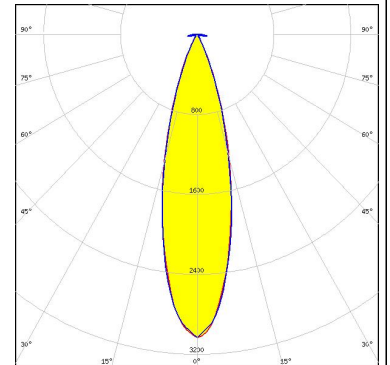
LED LUXEON TX
FWHM / FWTM 38.0° / 67.0°
Efficiency 96 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



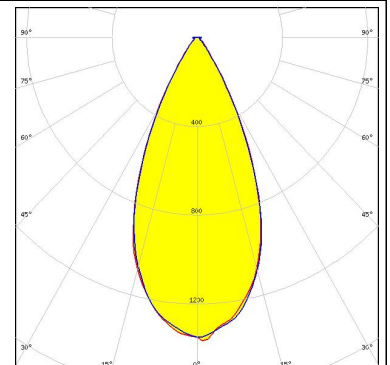
LED SST-10-IR-B90
FWHM / FWTM 33.0° / 55.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



LED NCSxE17A
FWHM / FWTM 27.0° / 50.0°
Efficiency 95 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



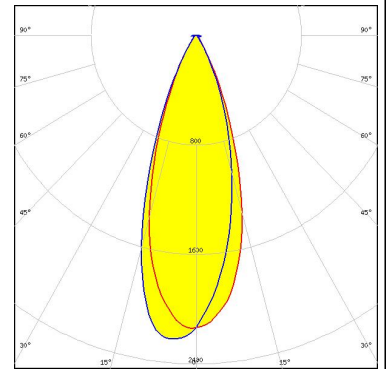
LED NVSW219F
FWHM / FWTM 47.0° / 72.0°
Efficiency 93 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

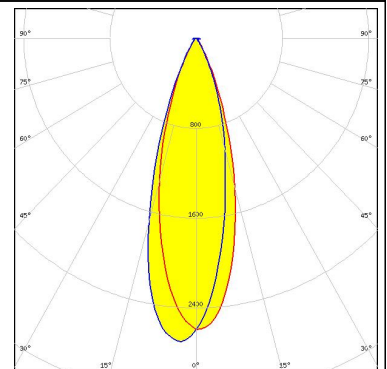
OSRAM Opto Semiconductors

LED Duris S5 (2 chip)
FWHM / FWTM 35.0° / 60.0°
Efficiency 95 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



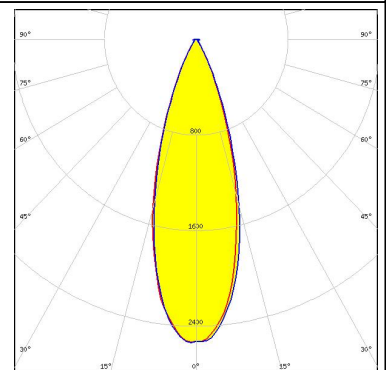
OSRAM Opto Semiconductors

LED Duris S5 (Single chip)
FWHM / FWTM 30.0° / 56.0°
Efficiency 95 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



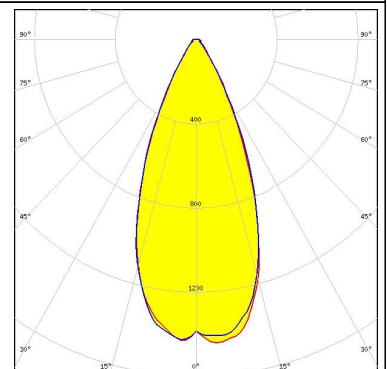
OSRAM Opto Semiconductors

LED OSCONIQ C 2424
FWHM / FWTM 33.0° / 57.0°
Efficiency 96 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 45.0° / 72.0°
Efficiency 96 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

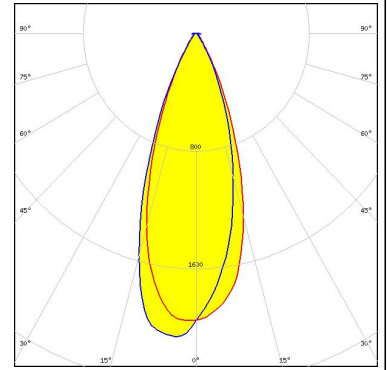


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

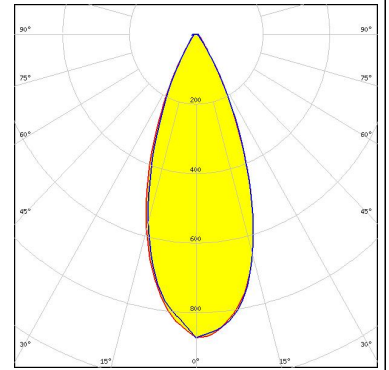
LED OSCONIQ S 3030 (QSLR31)
 FWHM / FWTM 37.0° / 63.0°
 Efficiency 95 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

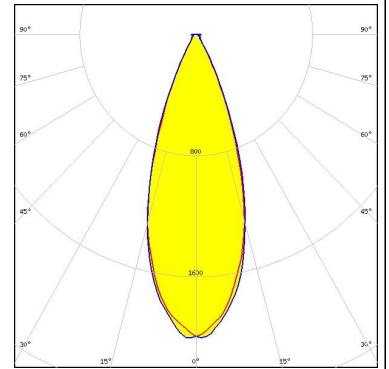
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 40.0° / 68.0°
 Efficiency 95 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

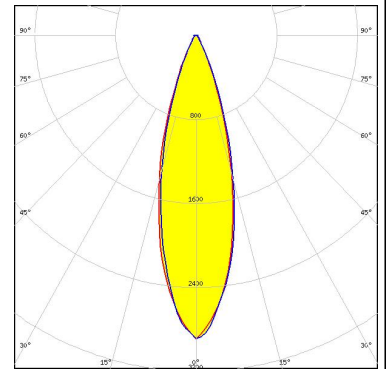
LED OSLON Square EC
 FWHM / FWTM 36.0° / 60.0°
 Efficiency 95 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

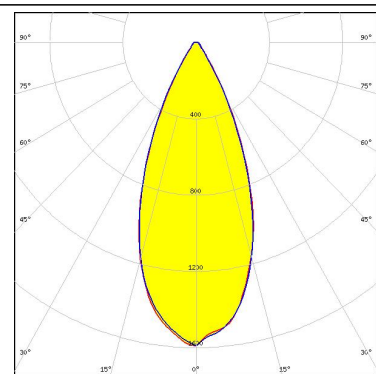
LED OSLON SSL 80
 FWHM / FWTM 29.0° / 53.0°
 Efficiency 95 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351B
FWHM / FWTM	42.0° / 70.0°
Efficiency	95 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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