

LISA2-WW-PIN

~45° wide beam. 6.8 mm high variant with location pin installation.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

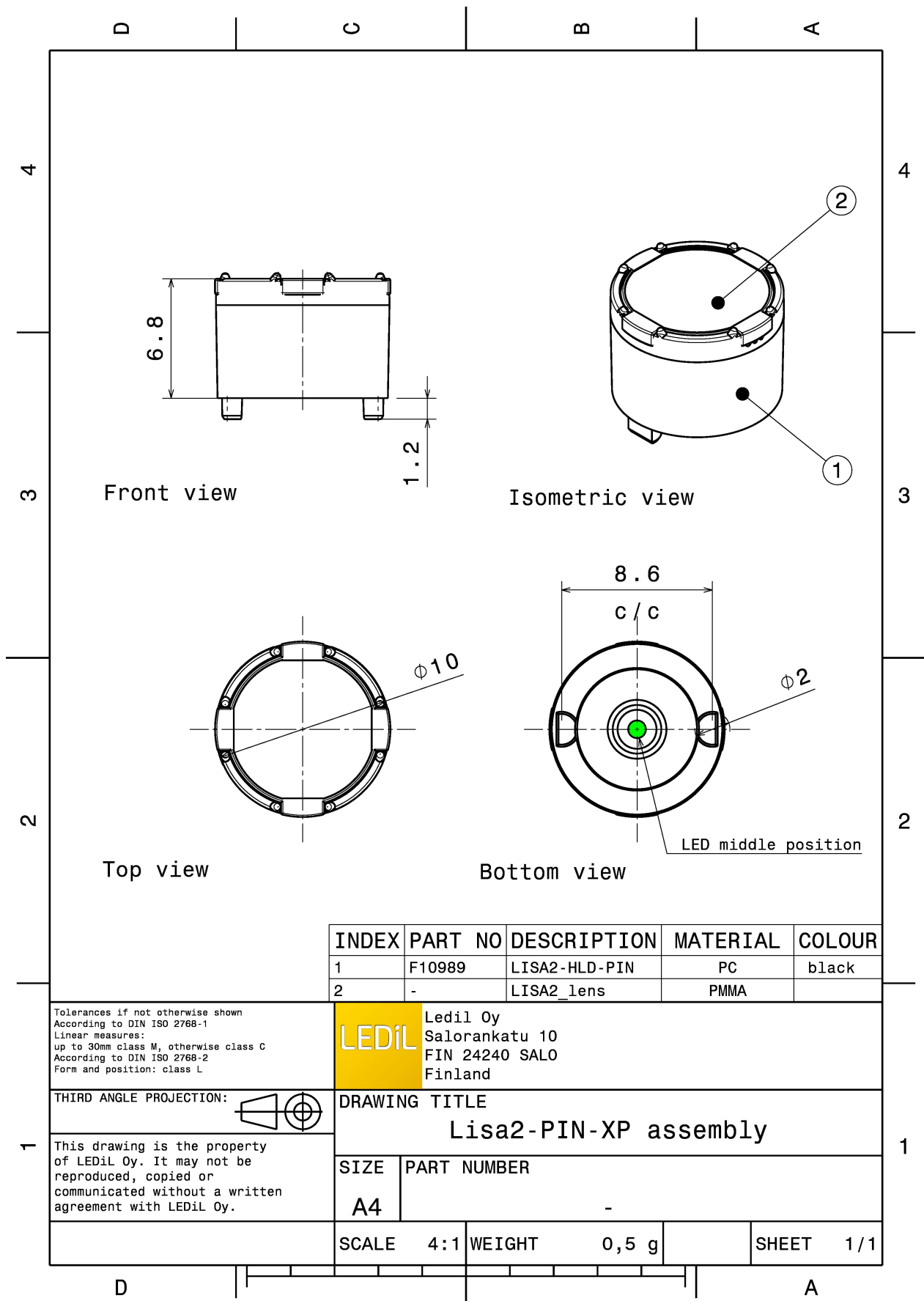


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA2-WW	Single lens	PMMA	clear	
LISA2-HLD-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP13026_LISA2-WW-PIN	Single lens	2000		100	1.4
» Box size:					

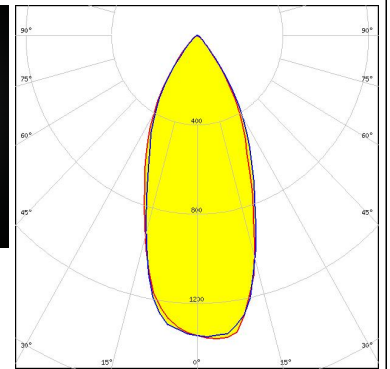
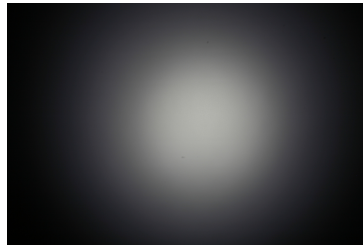


See also our general installation guide: www.ledil.com/installation_guide

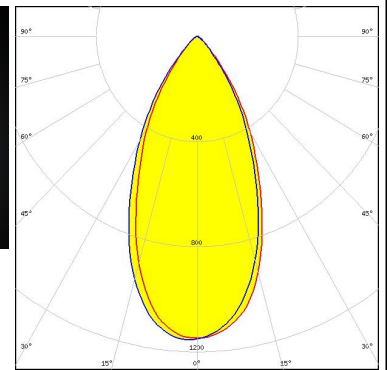
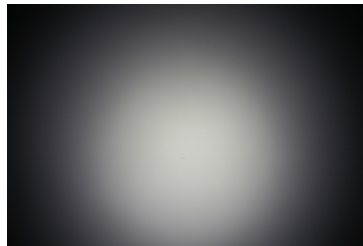
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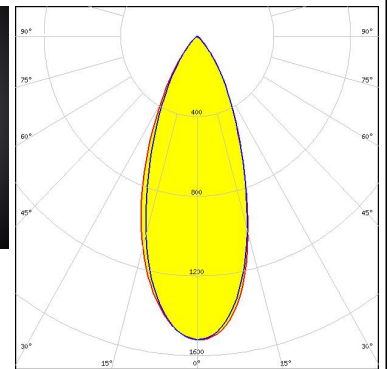
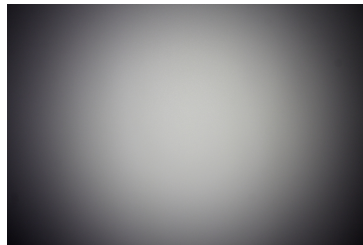
LED XP-E2
FWHM / FWTM 43.0° / 79.0°
Efficiency 88 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



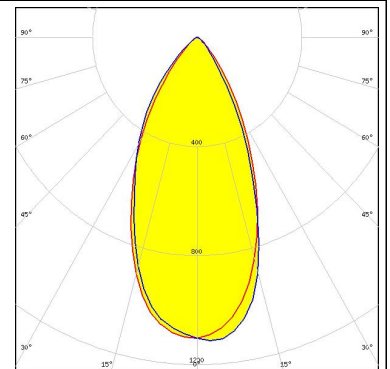
LED XP-G2
FWHM / FWTM 47.0° / 83.0°
Efficiency 88 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM / FWTM 42.0° / 76.0°
Efficiency 84 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



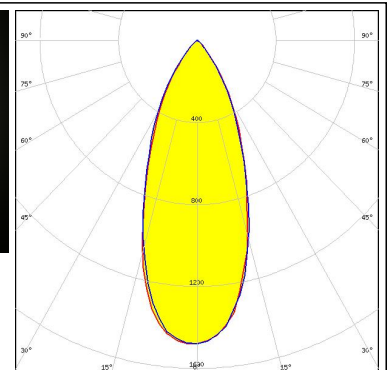
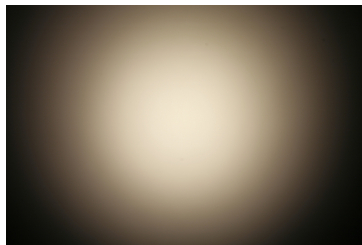
LED XT-E
FWHM / FWTM 47.0° / 82.0°
Efficiency 84 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



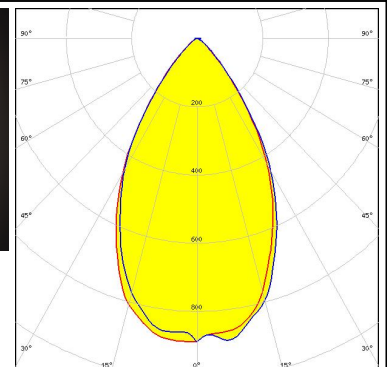
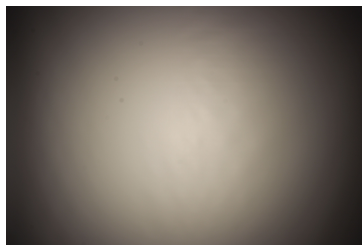
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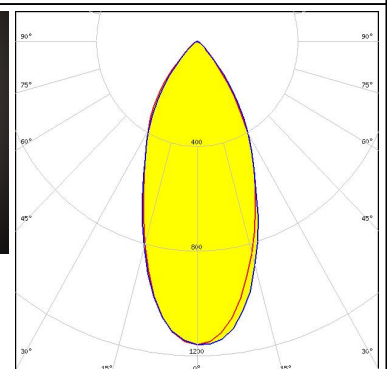
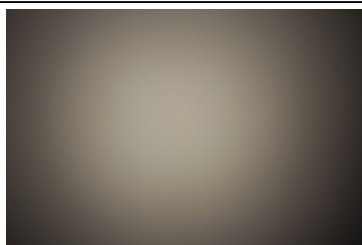
LED NCSxx19B
 FWHM / FWTM 41.0° / 78.0°
 Efficiency 86 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 41.0° / 80.0°
 Efficiency 85 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON Square EC
 FWHM / FWTM 46.0° / 86.0°
 Efficiency 84 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SFH 4715S
 FWHM / FWTM 36.0° / 74.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

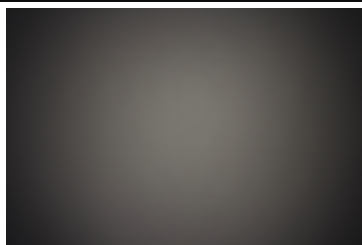
OSRAM

Opto Semiconductors

LED SFH 4725S
FWHM / FWTM 34.0° / 72.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

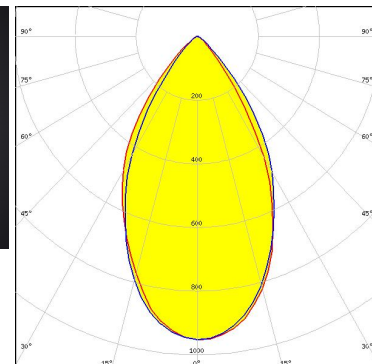
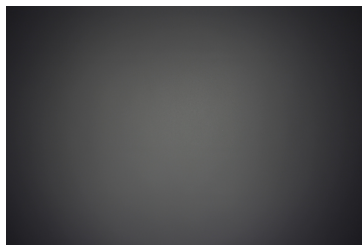
SAMSUNG

LED LH351B
FWHM / FWTM 56.0° / 92.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

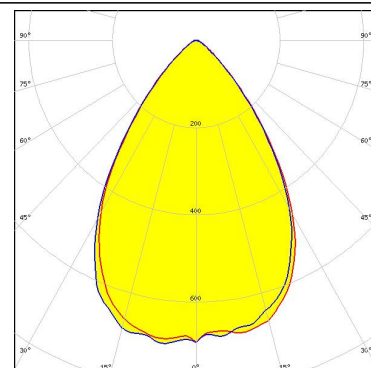
LED LH351Z
FWHM / FWTM 60.0° / 91.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



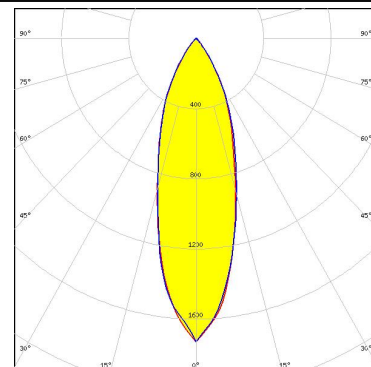
PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
 FWHM / FWTM 69.0° / 100.0°
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON IR 2720
 FWHM / FWTM 31.0° / 70.0°
 Efficiency 74 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



LED LUXEON IR Domed 150
 FWHM / FWTM 60.0° / 90.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:

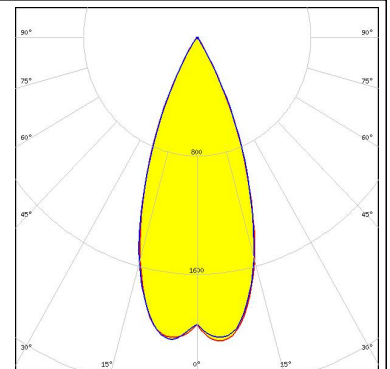


LED LUXEON Q
 FWHM / FWTM 54.0° / 84.0°
 Efficiency 84 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

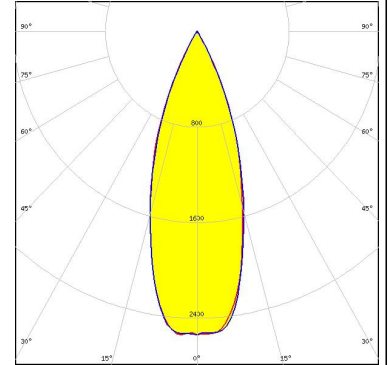
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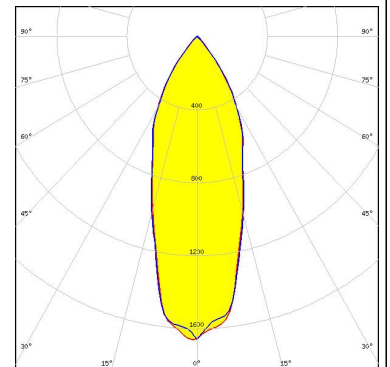
LED LUXEON TX
FWHM / FWTM 40.0° / 61.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



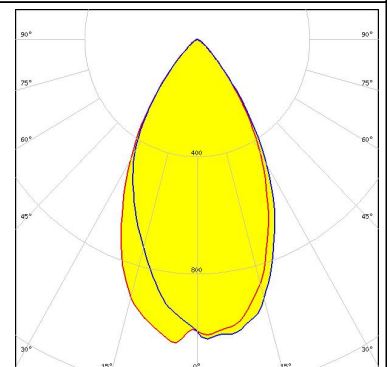
LED SST-20
FWHM / FWTM 36.0° / 58.0°
Efficiency 96 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors
LED OSLOM Black
FWHM / FWTM 36.0° / 78.0°
Efficiency 93 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 57.0° / 89.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

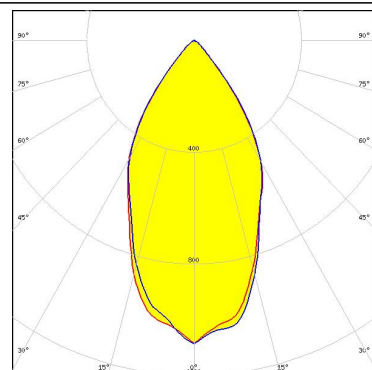


PHOTOMETRIC DATA (SIMULATED):

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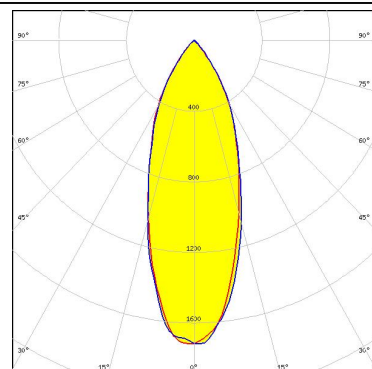
LED OSLON SSL 80
FWHM / FWTM 55.0° / 87.0°
Efficiency 91 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

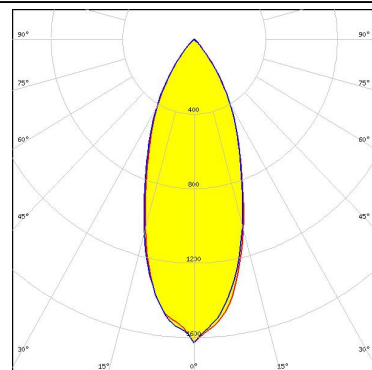
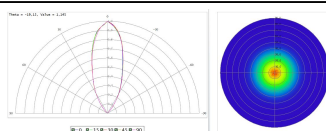
LED SFH 4715AS
FWHM / FWTM 36.0° / 75.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

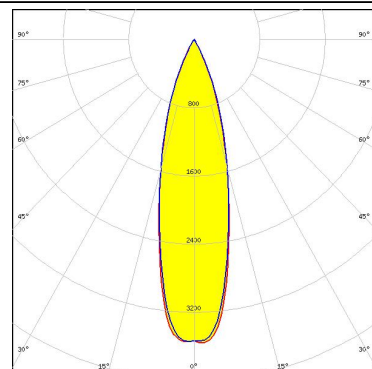
LED SFH 4725AS
FWHM / FWTM 38.0° / 76.0°
Efficiency 91 %
LEDs/each optic 1
Light colour IR
Required components:



OSRAM

Opto Semiconductors

LED SFH 4725S
FWHM / FWTM 27.0° / 52.0°
Efficiency 94 %
LEDs/each optic 1
Light colour IR
Required components:



PHOTOMETRIC DATA (SIMULATED):



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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