

LISA2-WW-PIN

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

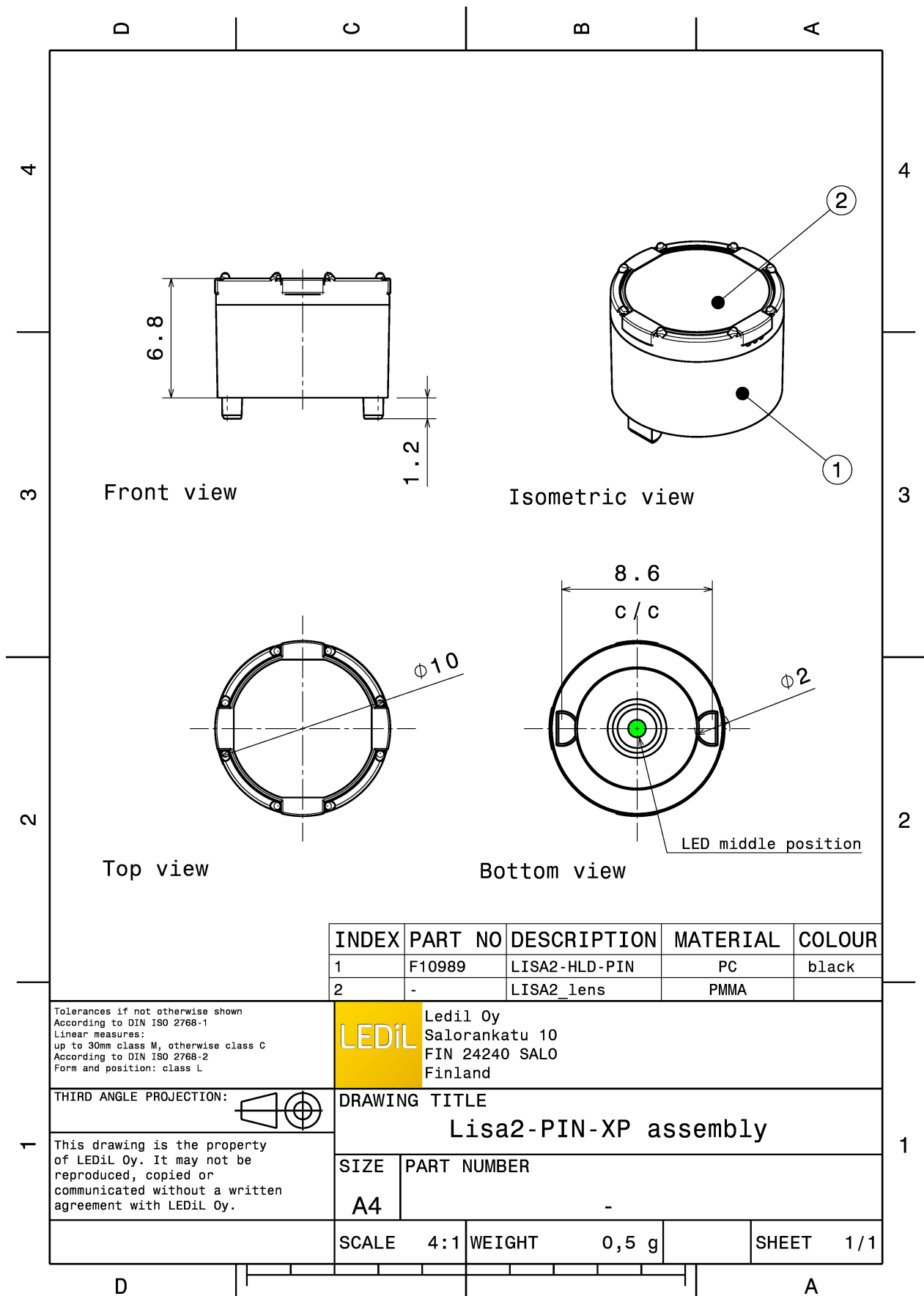
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

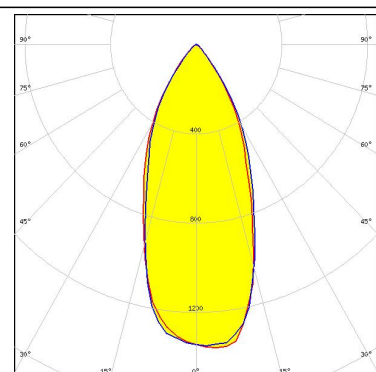
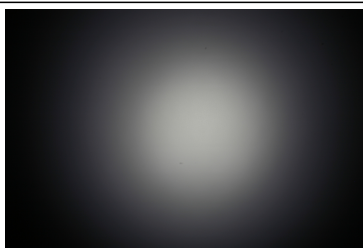
Component	Type	Material	Colour
LISA2-WW	Single lens	PMMA	clear
LISA2-HLD-PIN	Holder	PC	black



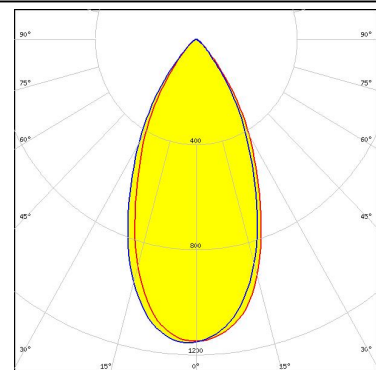
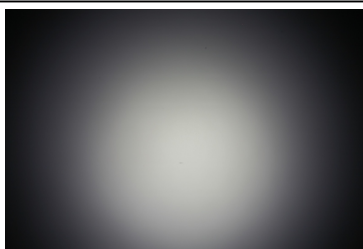
PHOTOMETRIC DATA (MEASURED):



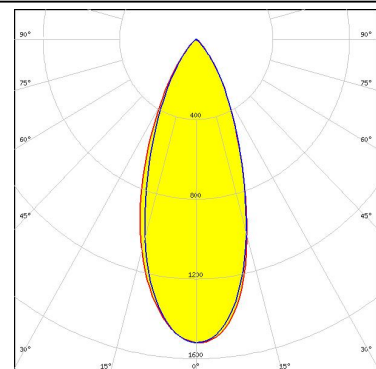
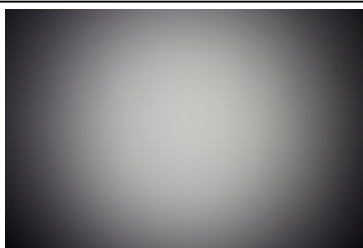
LED XP-E2
FWHM 43.0°
Efficiency 88 %
Peak intensity 1.350 cd/lm
LEDs/each optic 1
Light colour White
Required components:



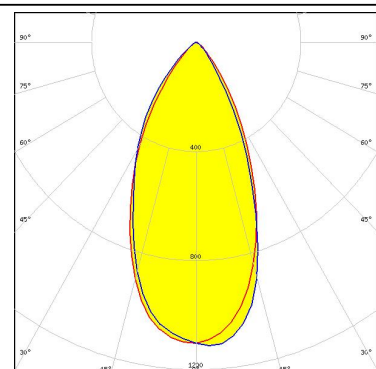
LED XP-G2
FWHM 47.0°
Efficiency 88 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM 42.0°
Efficiency 84 %
Peak intensity 1.520 cd/lm
LEDs/each optic 1
Light colour White
Required components:



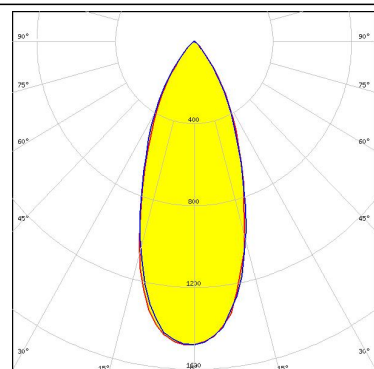
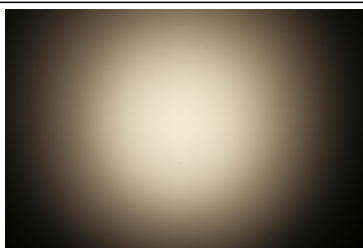
LED XT-E
FWHM 47.0°
Efficiency 84 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



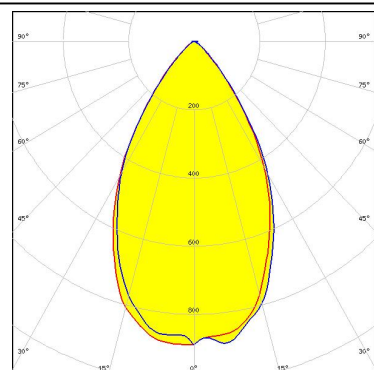
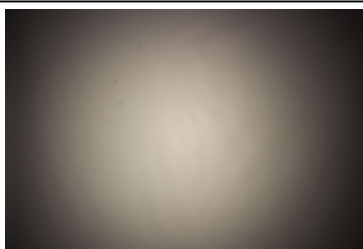
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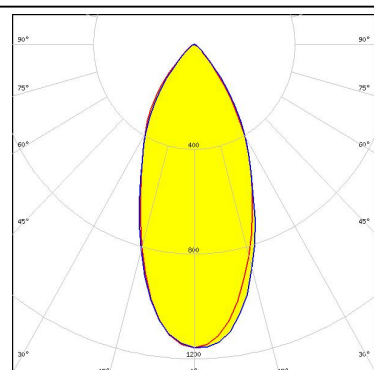
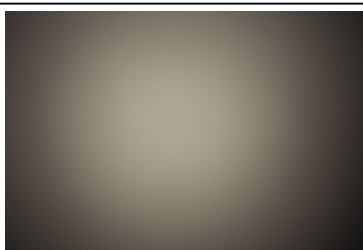
LED NCSxx19B
FWHM 41.0°
Efficiency 86 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



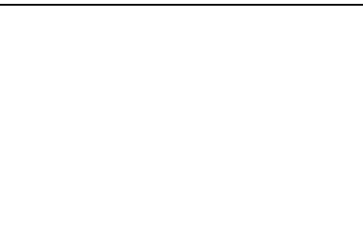
LED NVSxx19B/NVSxx19C
FWHM 41.0°
Efficiency 85 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLON Square EC
FWHM 46.0°
Efficiency 84 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4715S
FWHM 36.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

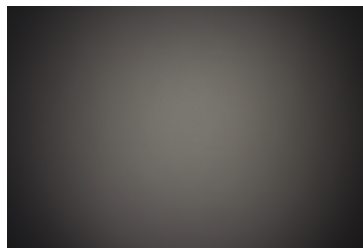
OSRAM

Opto Semiconductors

LED SFH 4725S
FWHM 34.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

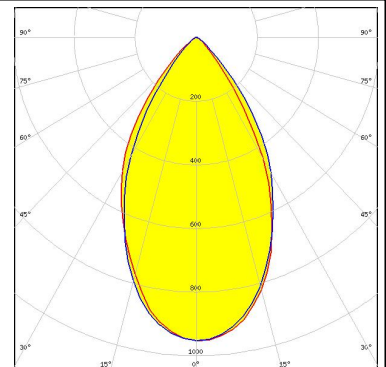
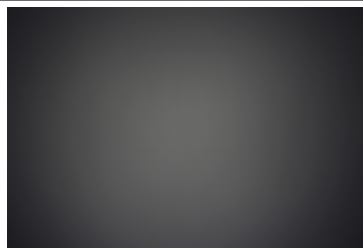
SAMSUNG

LED LH351B
FWHM 56.0°
Efficiency 88 %
Peak intensity 1.020 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

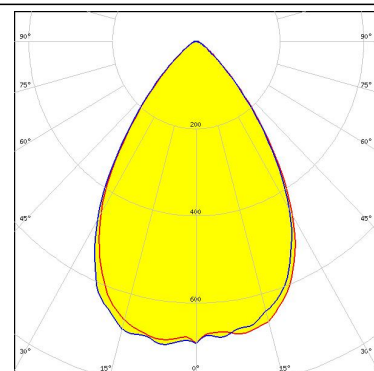
LED LH351Z
FWHM 60.0°
Efficiency 90 %
Peak intensity 0.950 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 69.0°
Efficiency 87 %
Peak intensity 0.703 cd/lm
LEDs/each optic 1
Light colour White
Required components:



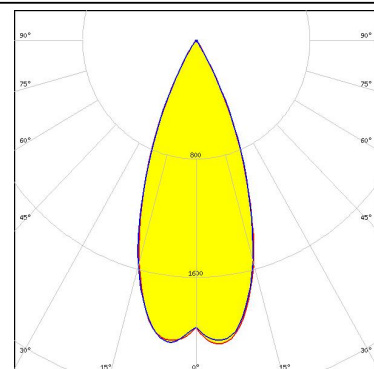
LED LUXEON IR Domed 150
FWHM 60.0°
Efficiency 89 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Q
FWHM 54.0°
Efficiency 84 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM 40.0°
Efficiency 94 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:

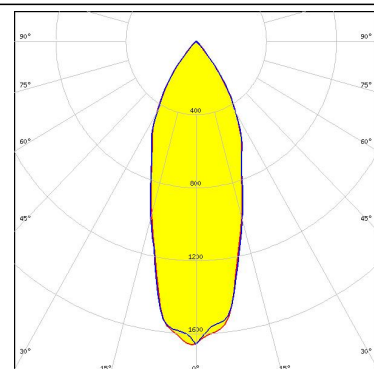


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

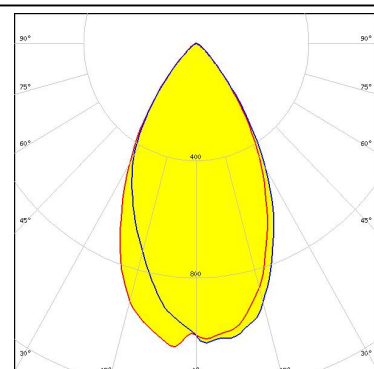
LED OSLON Black
FWHM 36.0°
Efficiency 93 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

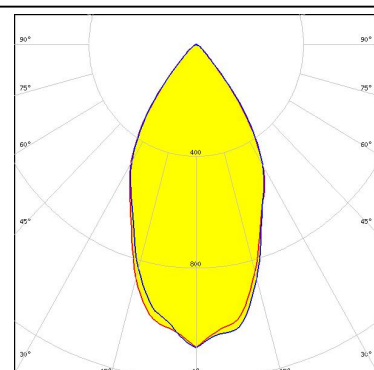
LED OSLON Square CSSRM2/CSSRM3
FWHM 57.0°
Efficiency 92 %
Peak intensity 1.050 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

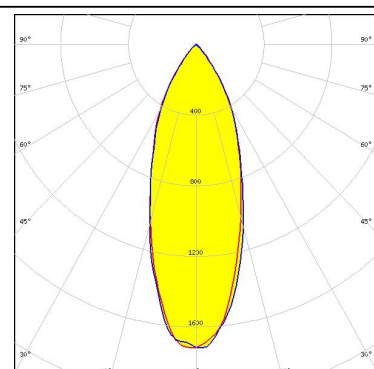
LED OSLON SSL 80
FWHM 55.0°
Efficiency 91 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



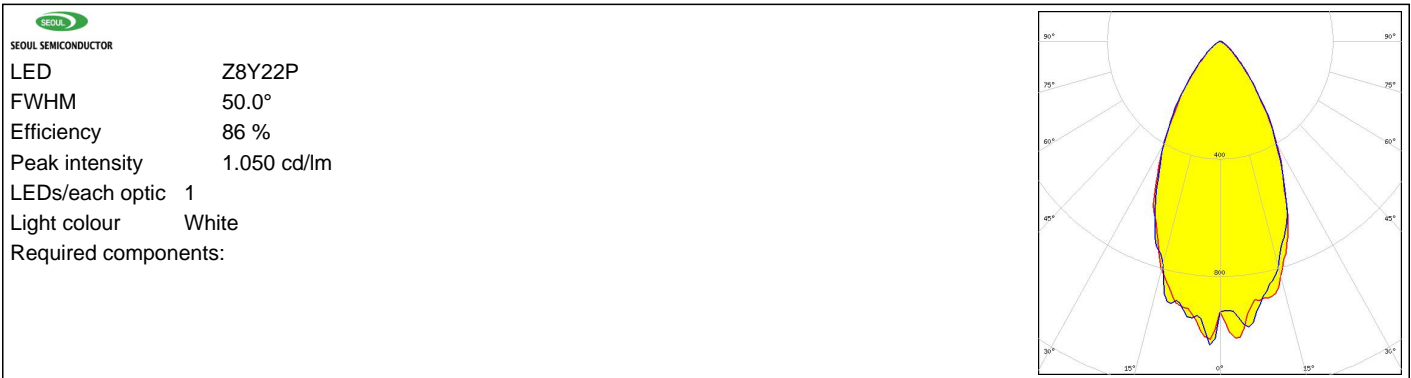
OSRAM

Opto Semiconductors

LED SFH 4715AS
FWHM 36.0°
Efficiency 92 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
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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