

LISA2-W-CLIP

~35° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

TECHNICAL SPECIFICATIONS:

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

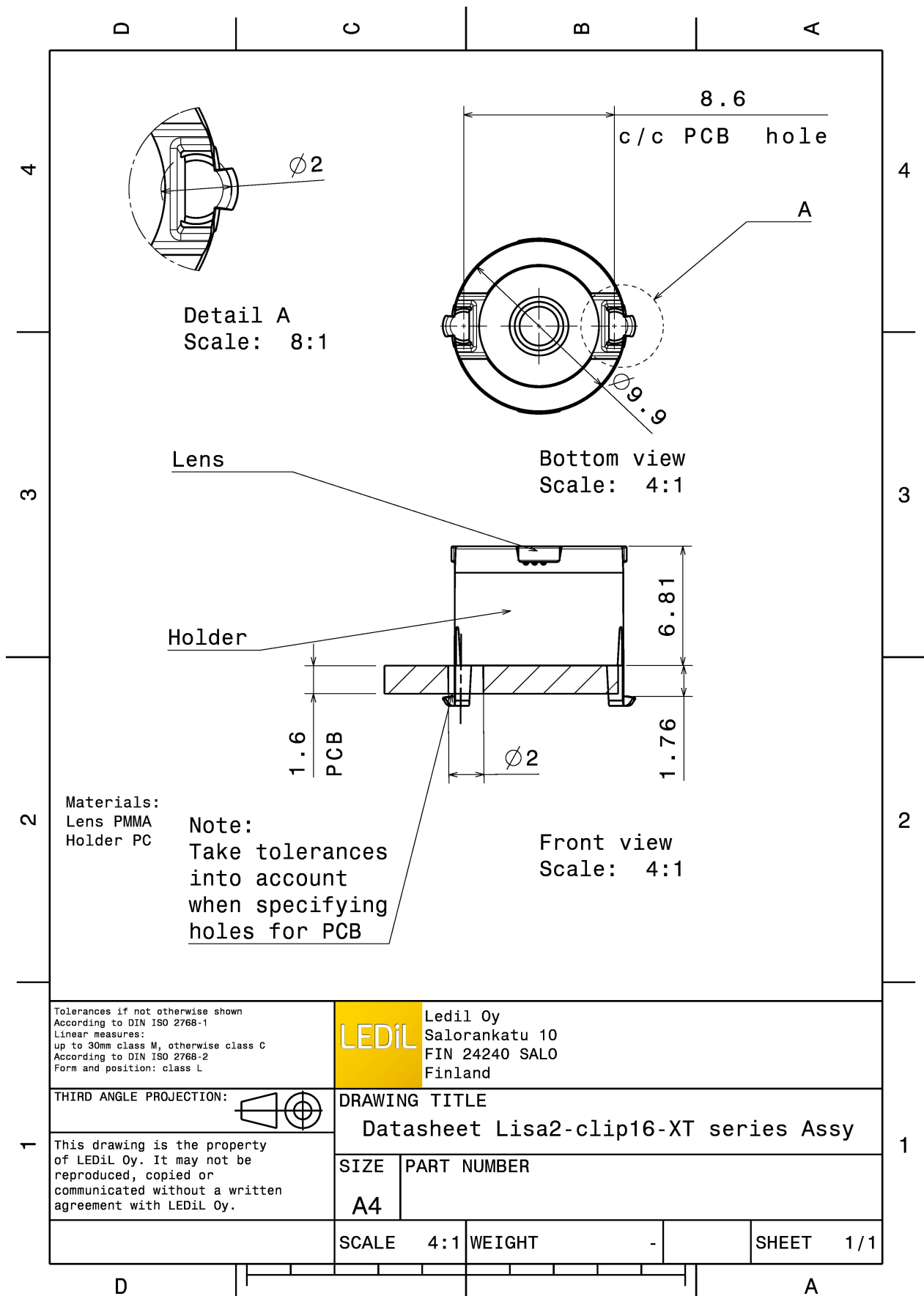
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA2-W	Single lens	PMMA	clear	
LISA2-HLD-CLIP16-XP	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP13031_LISA2-W-CLIP	Single lens	2000	300	100	1.4
» Box size: 310 x 230 x 60 mm					

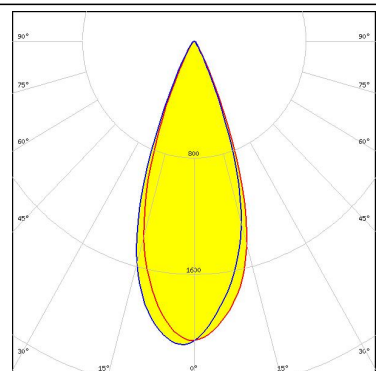




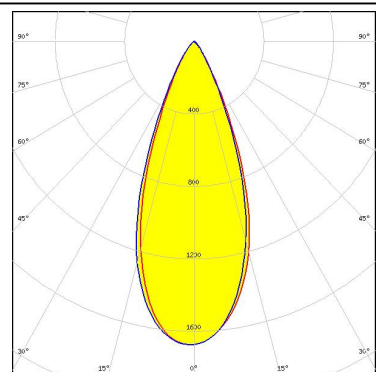
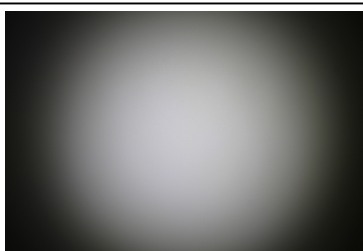
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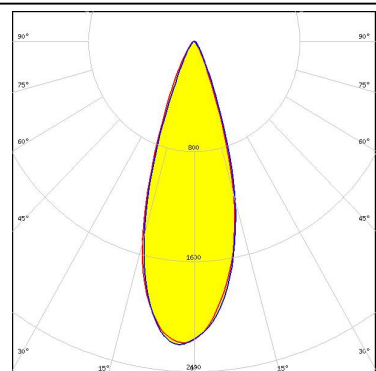
LED XP-G2
FWHM 36.0°
Efficiency 88 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



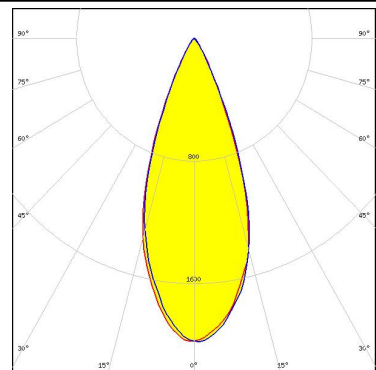
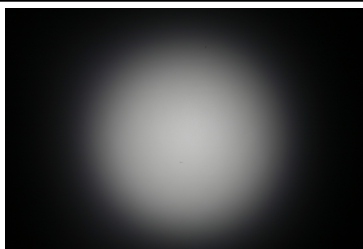
LED XP-G3
FWHM 41.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM 32.0°
Efficiency 84 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



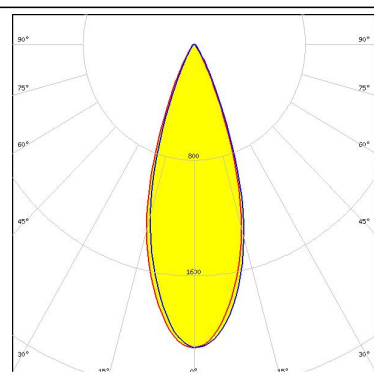
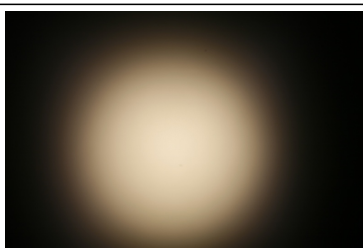
LED H35C1 (LEMWA33)
FWHM 40.0°
Efficiency 88 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



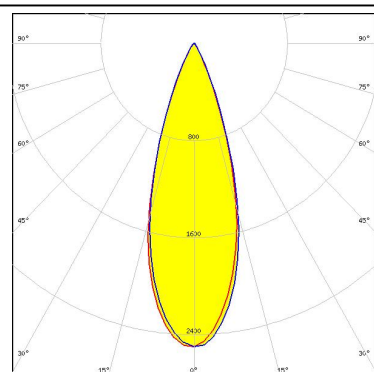
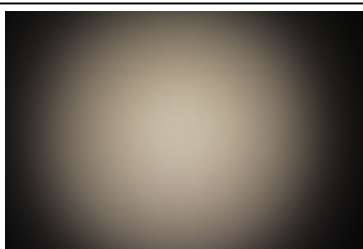
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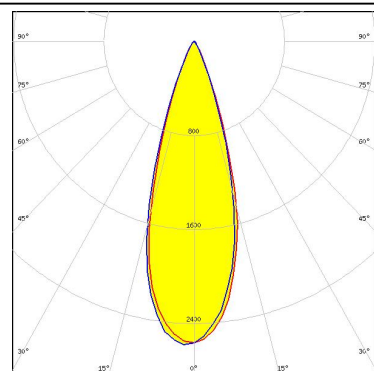
LED LUXEON T
FWHM 36.0°
Efficiency 86 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



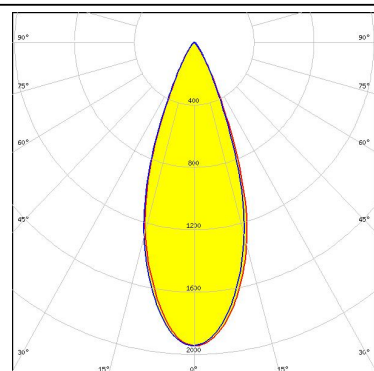
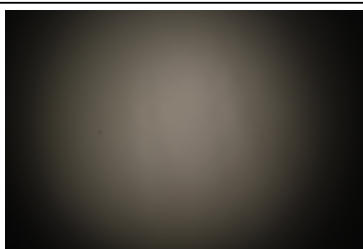
LED LUXEON TX
FWHM 34.0°
Efficiency 88 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19B
FWHM 34.0°
Efficiency 84 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



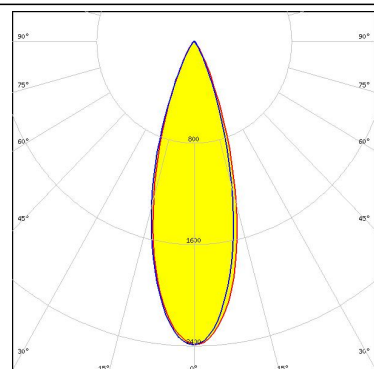
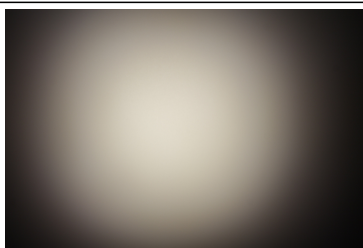
LED NVSxx19B/NVSxx19C
FWHM 38.0°
Efficiency 87 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM 33.0°
Efficiency 85 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

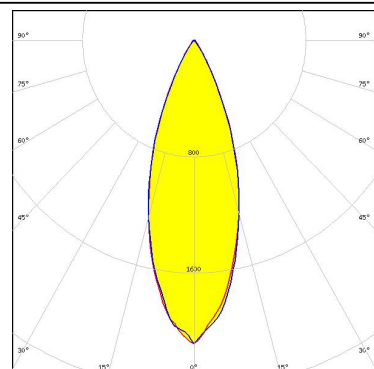
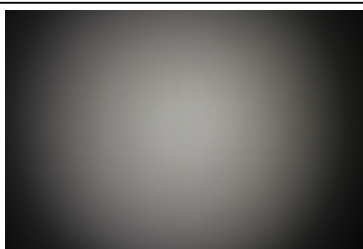
LED SFH 4715S
FWHM 22.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 24.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

SAMSUNG

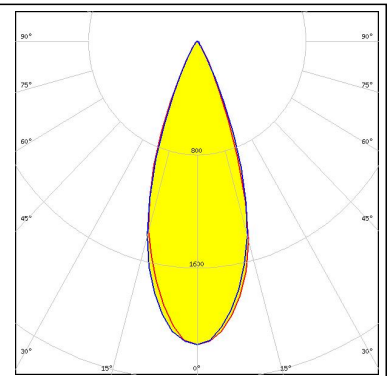
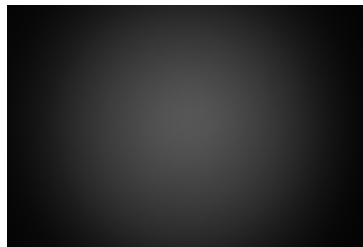
LED LH351B
FWHM 40.0°
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

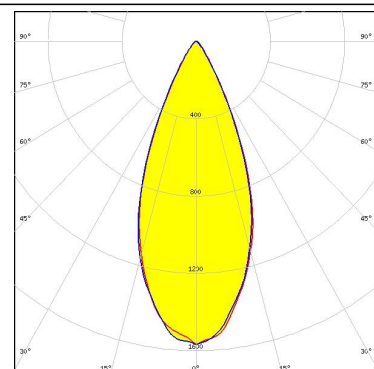
LED LH351Z
FWHM 38.0°
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



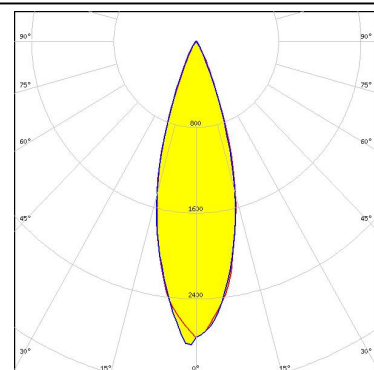
PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 43.0°
Efficiency 88 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



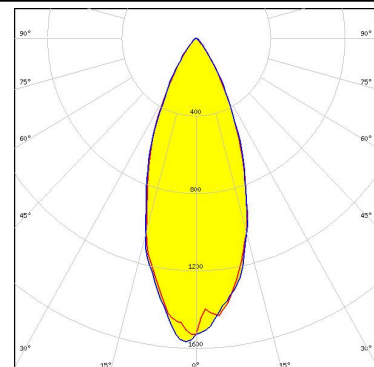
LED LUXEON H50-2
FWHM 30.0°
Efficiency 89 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON IR Compact
FWHM 34.0°
Efficiency 83 %
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y22P
FWHM 38.0°
Efficiency 84 %
Peak intensity 1.6 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:

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