

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 ⓘ

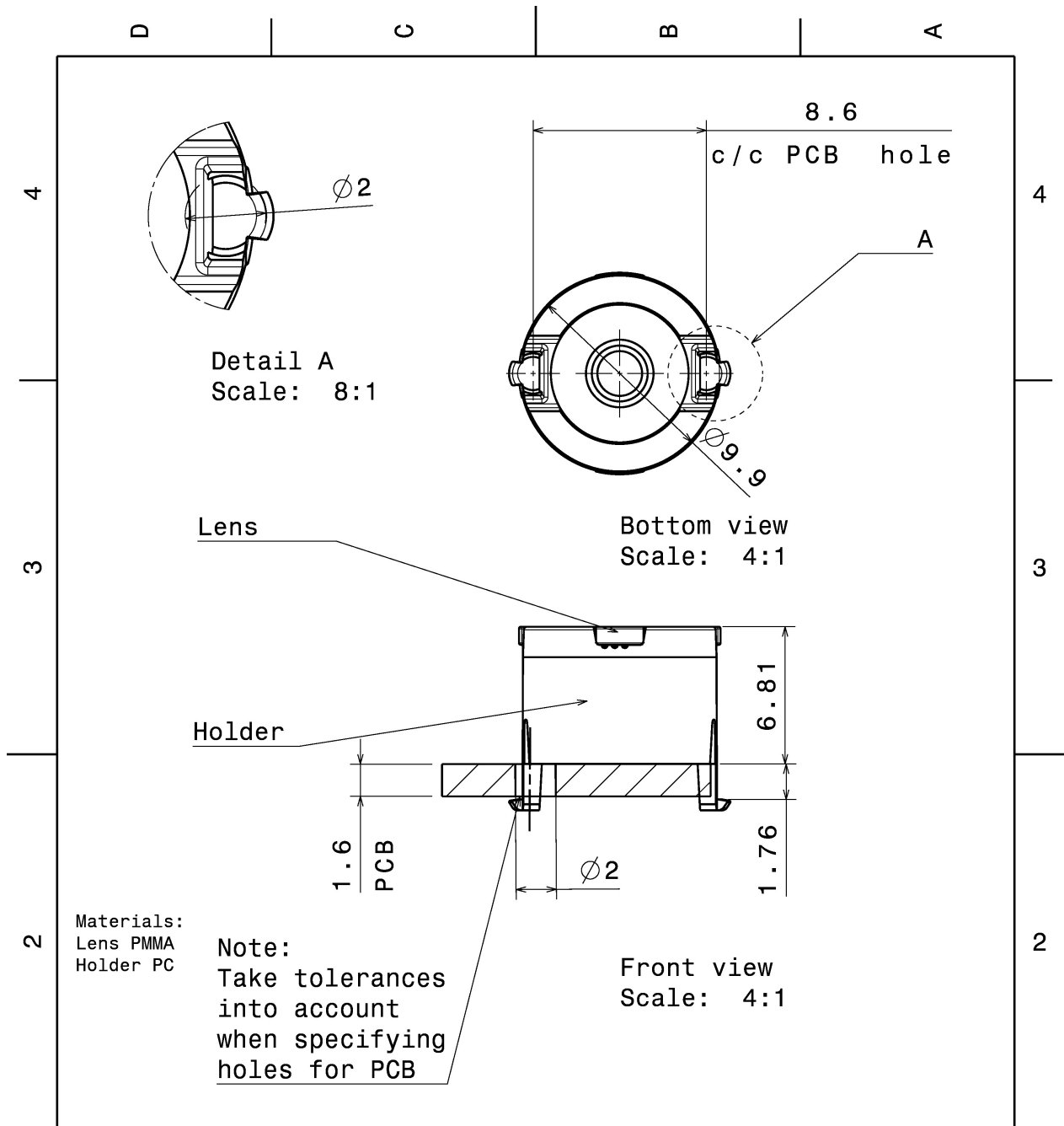
MATERIAL SPECIFICATIONS:

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



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					



Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 up to 30mm class M, otherwise class C
 According to DIN ISO 2768-2
 Form and position: class L

LEDiL LediL Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
 Datasheet Lisa2-clip16-XT series Assy

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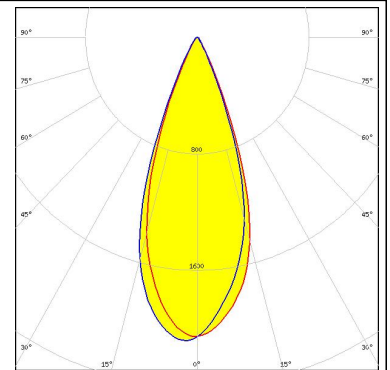
SIZE	PART NUMBER
A4	

SCALE	4:1	WEIGHT	-	SHEET	1/1
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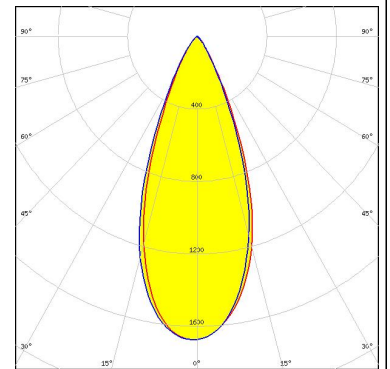
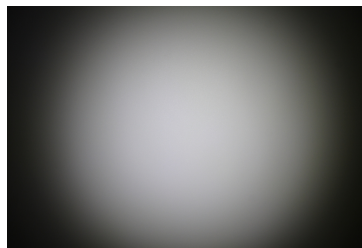
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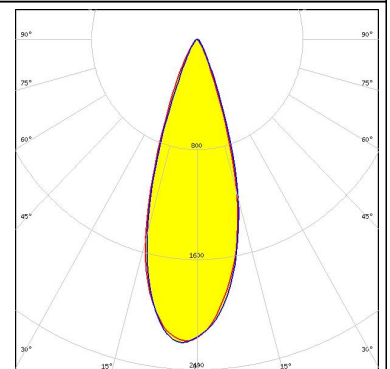
LED XP-G2
 FWHM 36.0°
 Efficiency 88 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



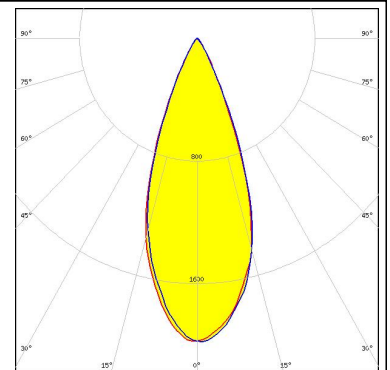
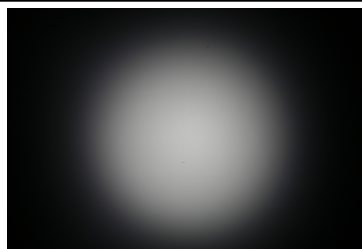
LED XP-G3
 FWHM 41.0°
 Efficiency 85 %
 Peak intensity 1.680 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM 32.0°
 Efficiency 84 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



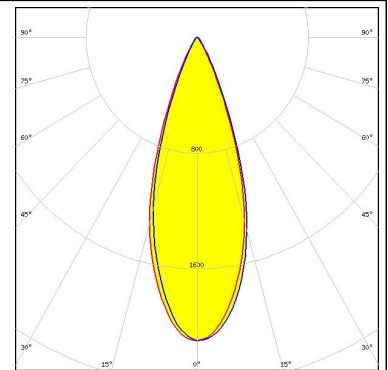
LED H35C1 (LEMWA33)
 FWHM 40.0°
 Efficiency 88 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

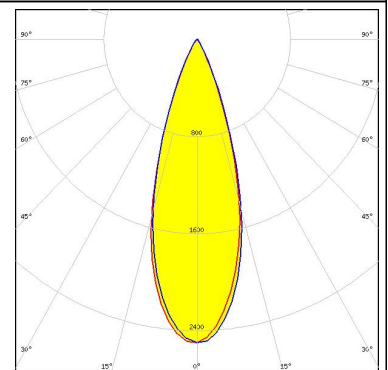
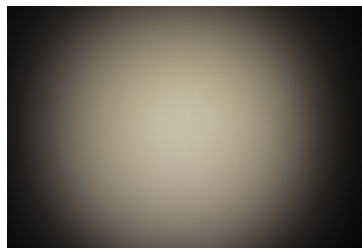
LUMILEDS

LED LUXEON T
 FWHM 36.0°
 Efficiency 86 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



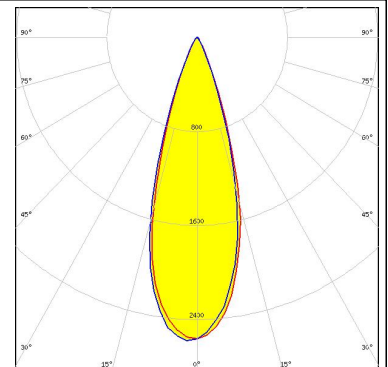
LUMILEDS

LED LUXEON TX
 FWHM 34.0°
 Efficiency 88 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



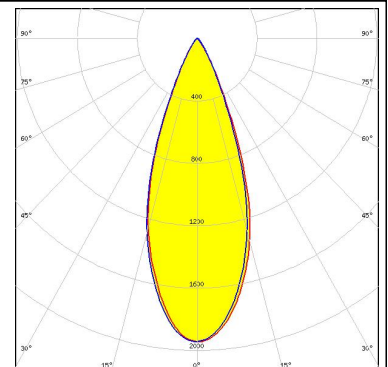
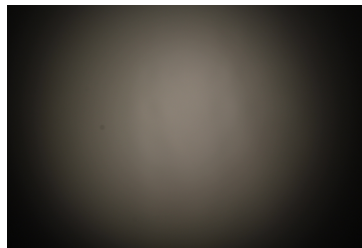
NICHIA

LED NCSxx19B
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 2.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


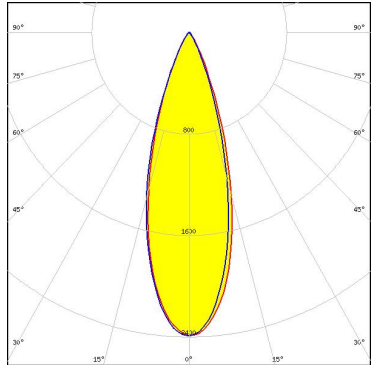

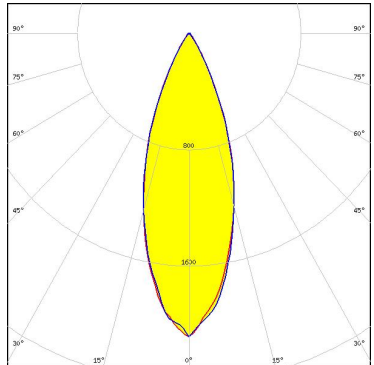


NICHIA

LED NVSxx19B/NVSxx19C
 FWHM 38.0°
 Efficiency 87 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



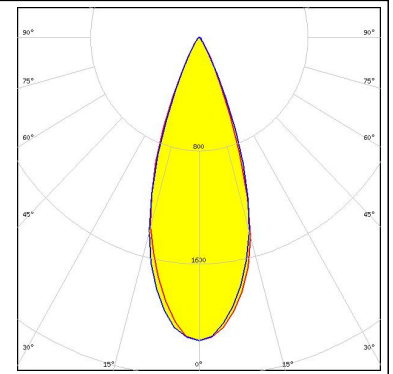
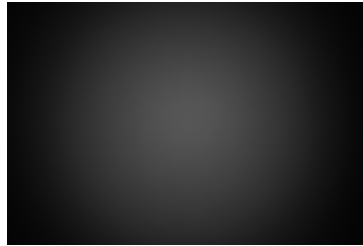
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC</p> <p>FWHM 33.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.400 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4715S</p> <p>FWHM 22.0°</p> <p>Efficiency %</p> <p>Peak intensity cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4725S</p> <p>FWHM 24.0°</p> <p>Efficiency %</p> <p>Peak intensity cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351B</p> <p>FWHM 40.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.920 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

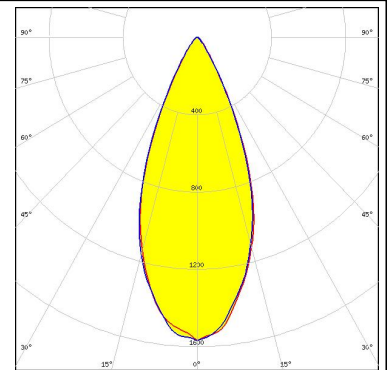
LED LH351Z
FWHM 38.0°
Efficiency 88 %
Peak intensity 2.100 cd/m
LEDs/each optic 1
Light colour White
Required components:



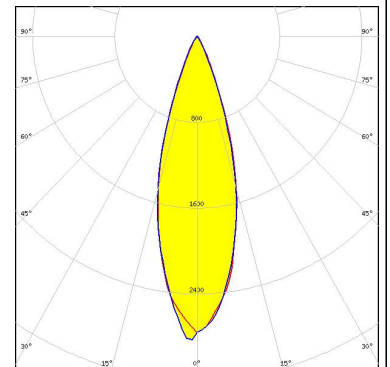
PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 43.0°
Efficiency 88 %
Peak intensity 1.574 cd/lm
LEDs/each optic 1
Light colour White
Required components:



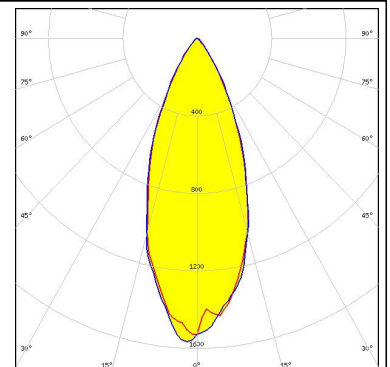
LED LUXEON H50-2
FWHM 30.0°
Efficiency 89 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON IR Compact
FWHM 34.0°
Efficiency 83 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y22P
FWHM 38.0°
Efficiency 84 %
Peak intensity 1.590 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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