

LISA2-W-PIN

~35° 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 ⓘ

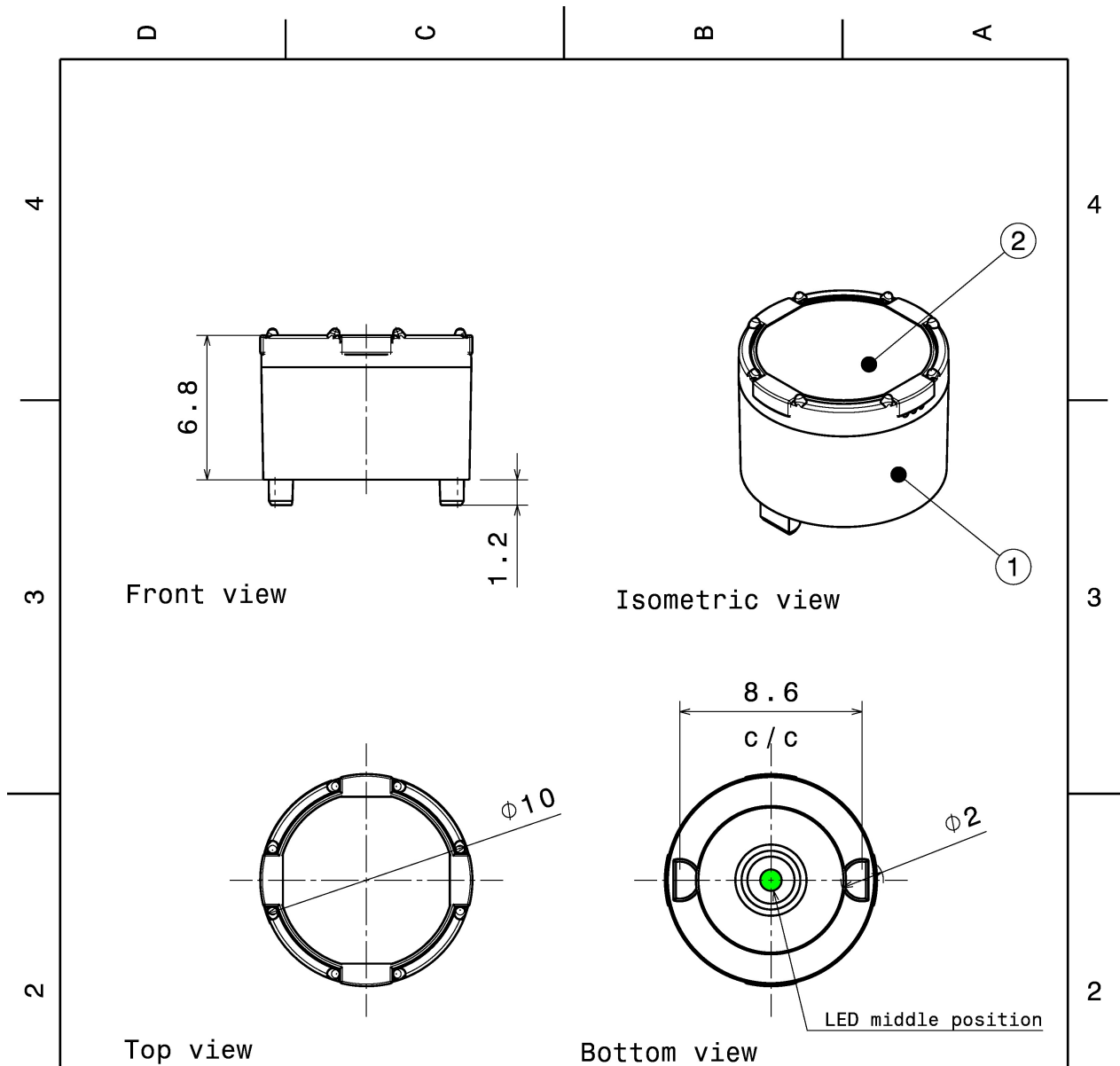
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP10996_LISA2-W-PIN	Single lens	2000	300	100	1.4
» Box size:					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F10989	LISA2-HLD-PIN	PC	black
2	-	LISA2_lens	PMMA	

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

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FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Lisa2-PIN-XP assembly

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SIZE	PART NUMBER
A4	-

SCALE	4:1	WEIGHT	0,5 g	SHEET	1/1
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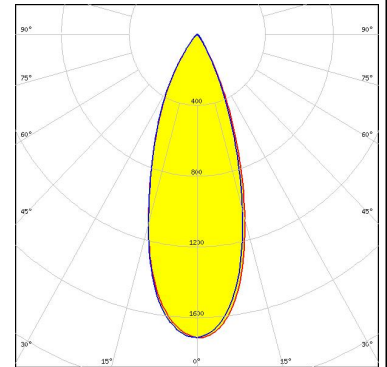
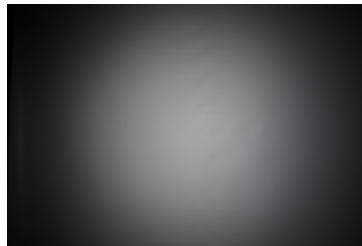
PHOTOMETRIC DATA (MEASURED):

CREE 

LED XB-D
FWHM 32.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

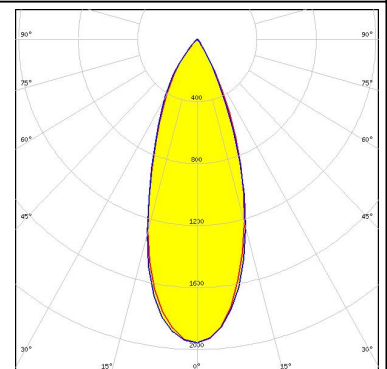
CREE 

LED XD16
FWHM 37.0°
Efficiency 77 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

LED XP-E
FWHM 37.0°
Efficiency 90 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

LED XP-G
FWHM 48.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

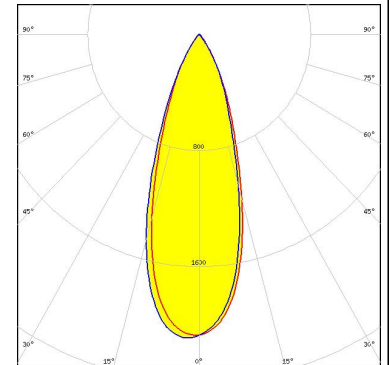
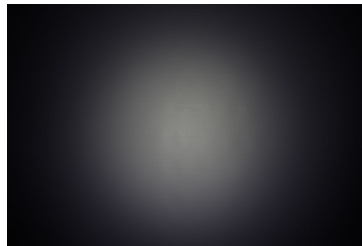
LUMILEDS

LED LUXEON A
FWHM 46.0°
Efficiency 88 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON C
FWHM 34.0°
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

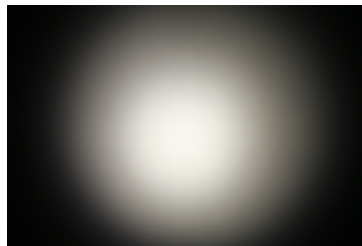


LUMILEDS

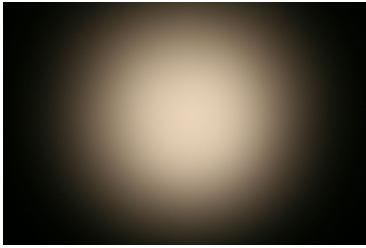
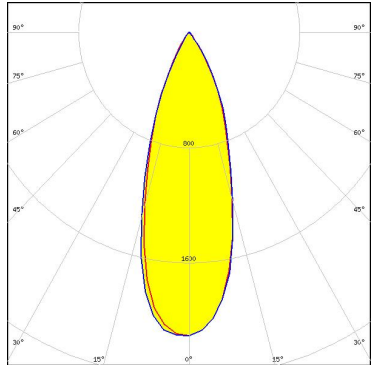
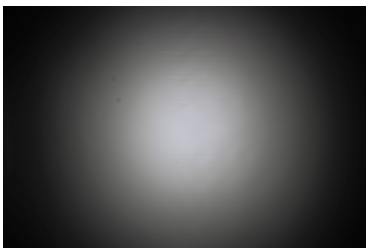
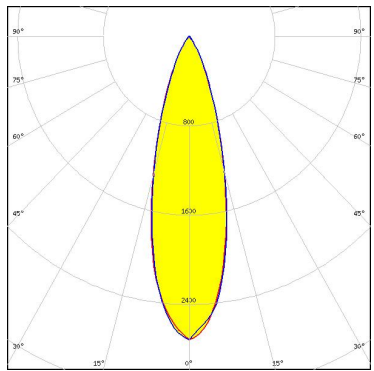
LED LUXEON Rebel ES
FWHM 46.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON Z
FWHM 27.0°
Efficiency 87 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



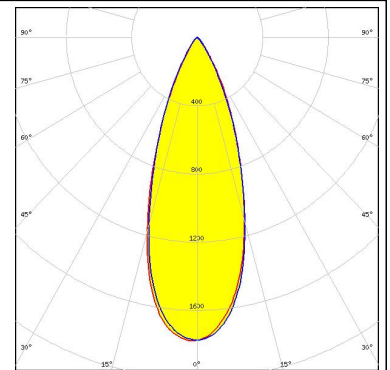
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Z ES FWHM 35.0° Efficiency 87 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NCSxE17A FWHM 29.0° Efficiency 80 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED SFH 4170S FWHM 26.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED SFH 4180S FWHM 25.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH181B
FWHM 36.0°
Efficiency 80 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SHARP

LED Double Dome (GM2BB)
FWHM 44.0°
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:

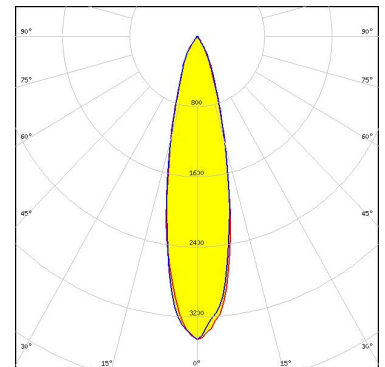
PHOTOMETRIC DATA (SIMULATED):



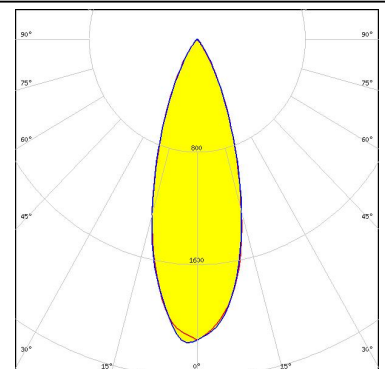
LED XQ-E HD
FWHM 49.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM 23.0°
Efficiency 89 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM 34.0°
Efficiency 87 %
Peak intensity 2.2 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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