

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 ⓘ

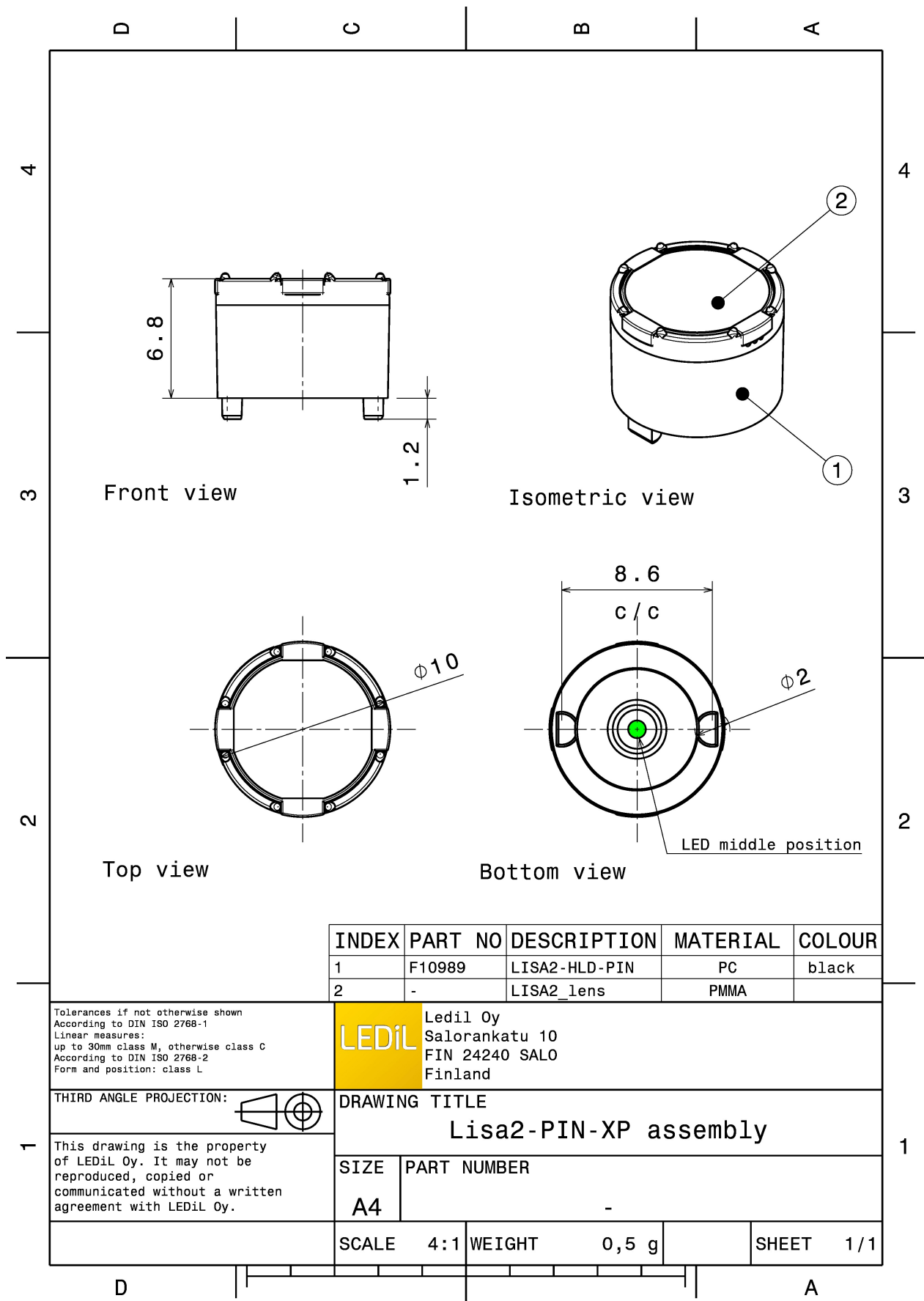


MATERIAL SPECIFICATIONS:

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:					



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

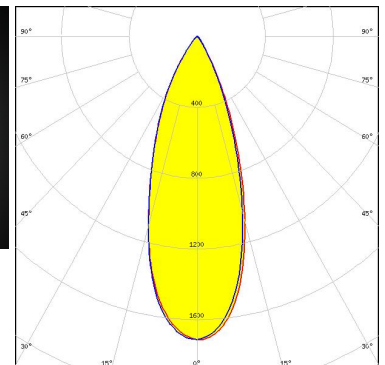
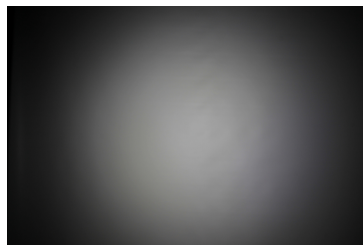
PHOTOMETRIC DATA (MEASURED):

CREE → LED

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

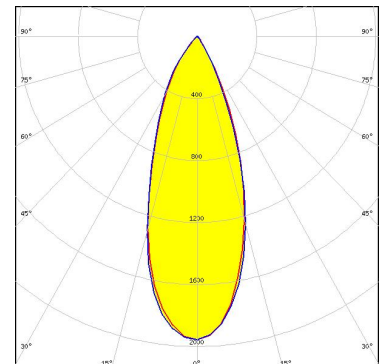
CREE → LED

LED XD16
FWHM / FWTM 37.0° / 65.0°
Efficiency 77 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE → LED

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



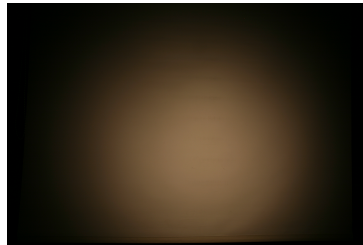
CREE → LED

LED XP-G
FWHM / FWTM 48.0° / 76.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

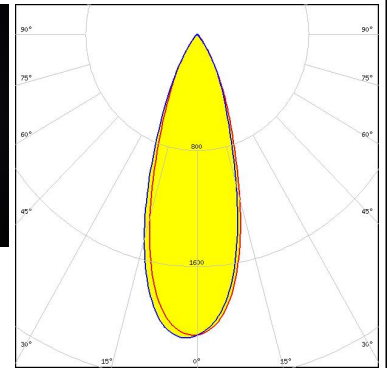
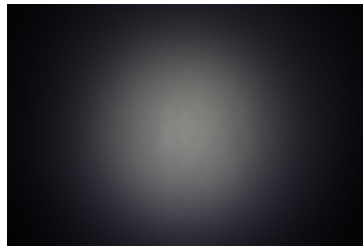
LUMILEDS

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



LUMILEDS

LED LUXEON C
FWHM / FWTM 34.0° / 64.0°
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

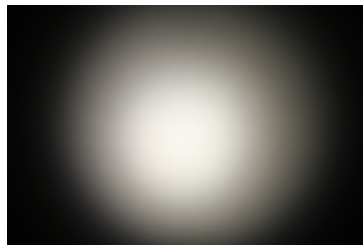


LUMILEDS

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

LUMILEDS

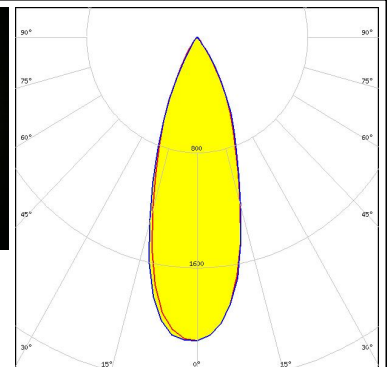
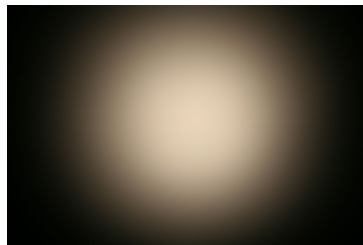
LED LUXEON Z
FWHM / FWTM 27.0° / 60.0°
Efficiency 87 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



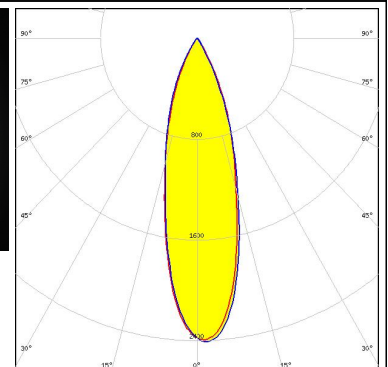
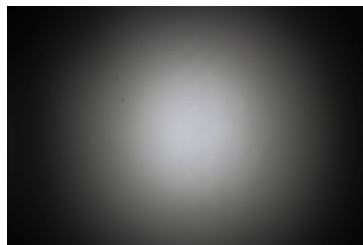
PHOTOMETRIC DATA (MEASURED):



LED LUXEON Z ES
 FWHM / FWTM 35.0° / 64.0°
 Efficiency 87 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxE17A
 FWHM / FWTM 29.0° / 58.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SFH 4170S
 FWHM / FWTM 26.0° / 60.0°
 Efficiency %
 LEDs/each optic 1
 Light colour IR
 Required components:

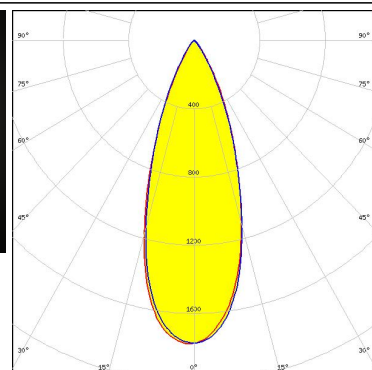
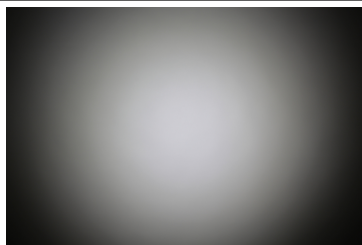


LED SFH 4180S
 FWHM / FWTM 25.0° / 60.0°
 Efficiency %
 LEDs/each optic 1
 Light colour IR
 Required components:

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH181B
FWHM / FWTM 36.0° / 64.0°
Efficiency 80 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SHARP

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

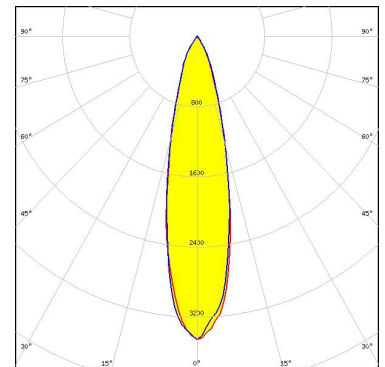
PHOTOMETRIC DATA (SIMULATED):



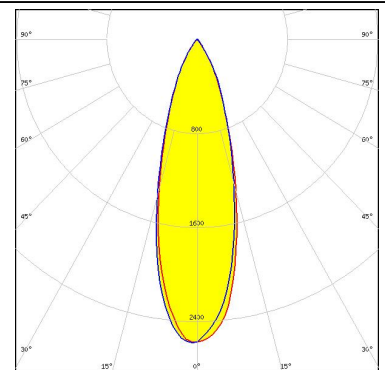
LED XQ-E HD
FWHM / FWTM 49.0° / 80.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



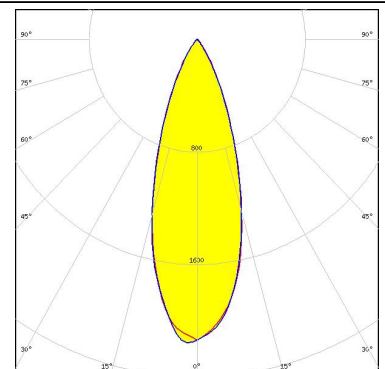
LED XQ-E HI
FWHM / FWTM 23.0° / 52.0°
Efficiency 89 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON IR 2720
FWHM / FWTM 30.0° / 62.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



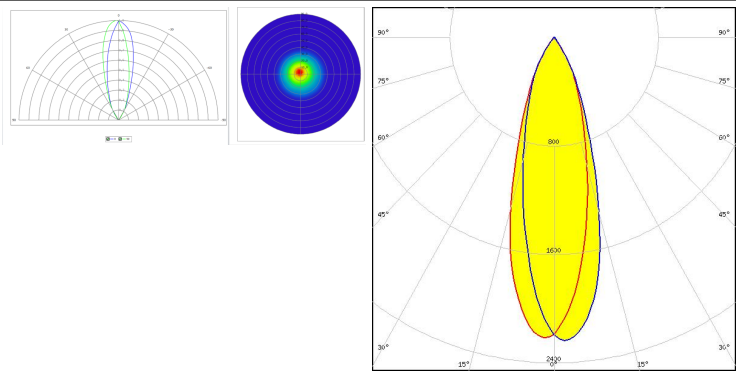
LED NVSxE21A
FWHM / FWTM 34.0° / 63.0°
Efficiency 87 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 32.0° / 63.0°
Efficiency 79 %
LEDs/each optic 1
Light colour IR
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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