

LISA2-W-PIN

~35° wide beam. 6.8 mm high variant with location pin installation.

SPECIFICATION:

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

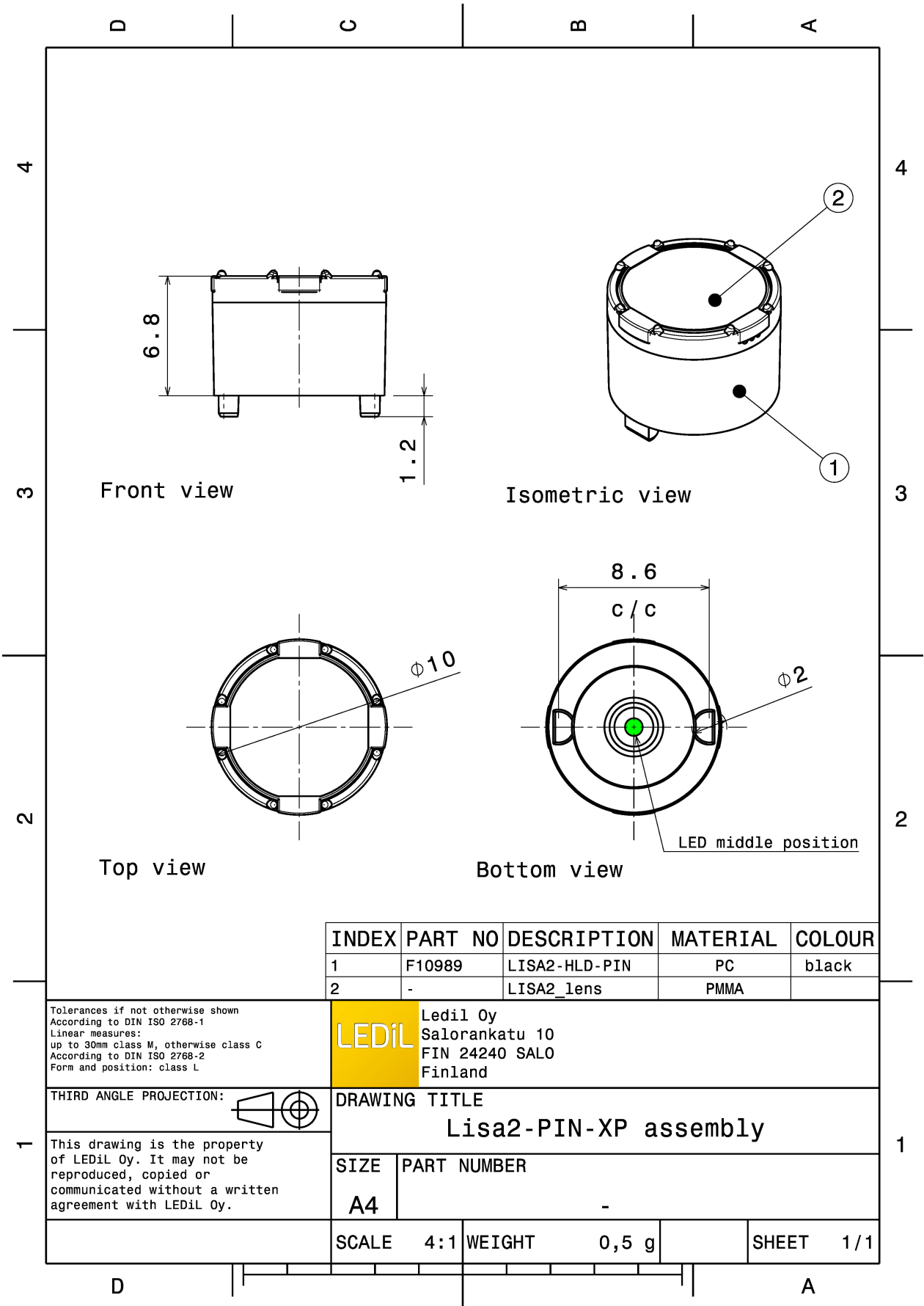


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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:					

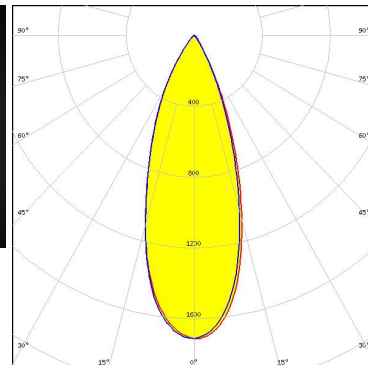
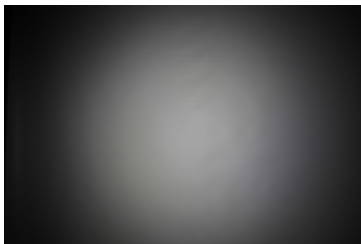


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



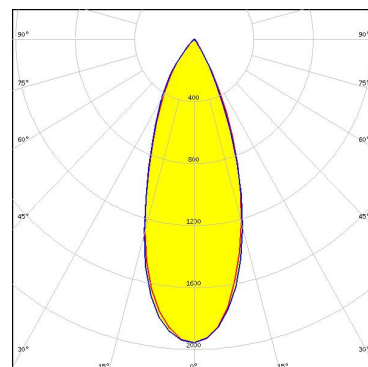
LED XD16
 FWHM / FWTM 37.0° / 65.0°
 Efficiency 77 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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



Light distribution files



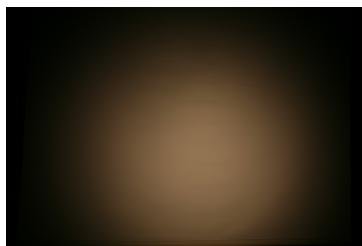
LED XP-G
 FWHM / FWTM 48.0° / 76.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):



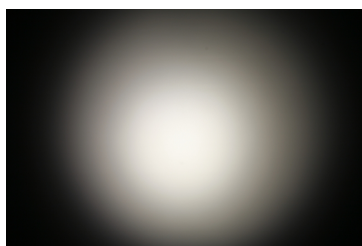
LED LUXEON A
 FWHM / FWTM 46.0°
 Efficiency 88 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



[Light distribution files](#)



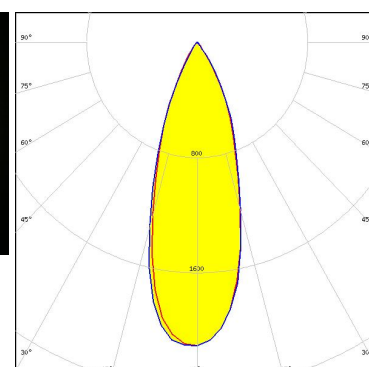
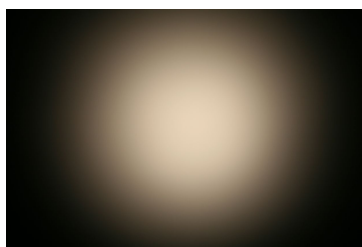
LED LUXEON Z
 FWHM / FWTM 27.0° / 60.0°
 Efficiency 87 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



[Light distribution files](#)



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

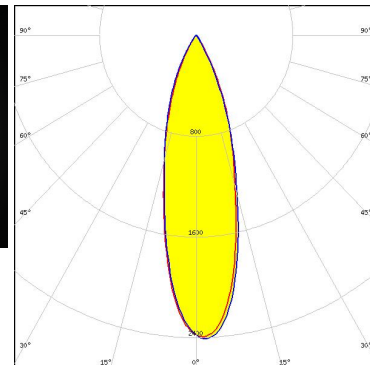
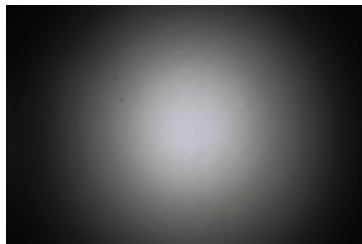


[Light distribution files](#)

OPTICAL RESULTS (MEASURED):



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



Light distribution files



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

Light distribution files



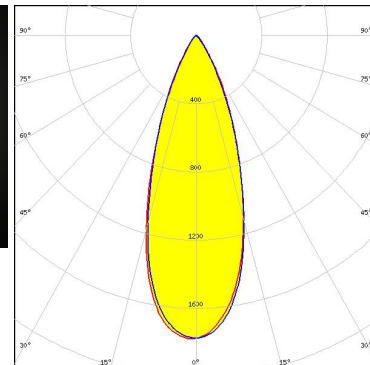
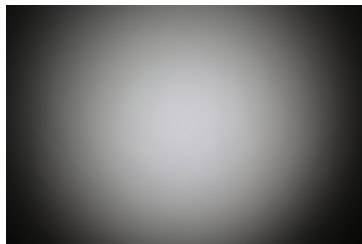
LED SFH 4180S
 FWHM / FWTM 25.0° / 60.0°
 Efficiency %
 LEDs/each optic 1
 Light colour/type IR
 Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

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



Light distribution files

SHARP

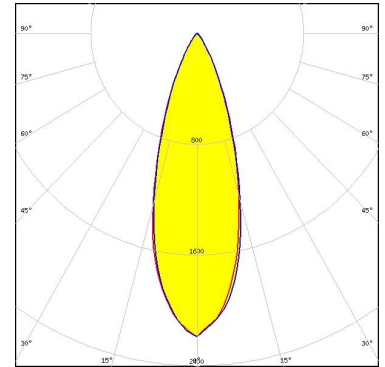
LED Double Dome (GM2BB)
FWHM / FWTM 44.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CSP 2323 (BXCP)
 FWHM / FWTM 34.0° / 62.0°
 Efficiency 85 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

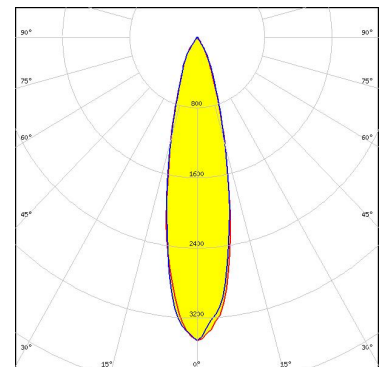


LED XQ-E HD
 FWHM / FWTM 49.0° / 80.0°
 Efficiency 90 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



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

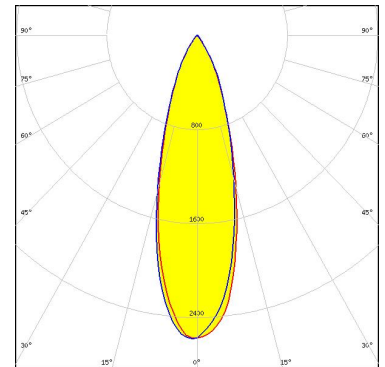


Light distribution files

OPTICAL RESULTS (SIMULATED):



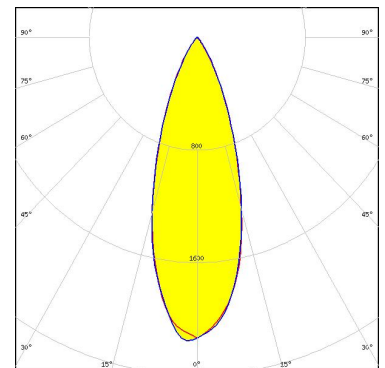
LED LUXEON IR 2720
 FWHM / FWTM 30.0° / 62.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



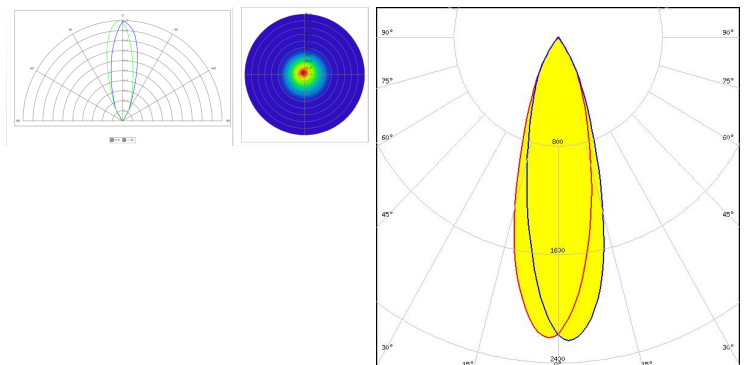
LED NVSxE21A
 FWHM / FWTM 34.0° / 63.0°
 Efficiency 87 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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



Light distribution files

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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