

LISA2-O-PIN

~45° x 20° oval 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 ⓘ

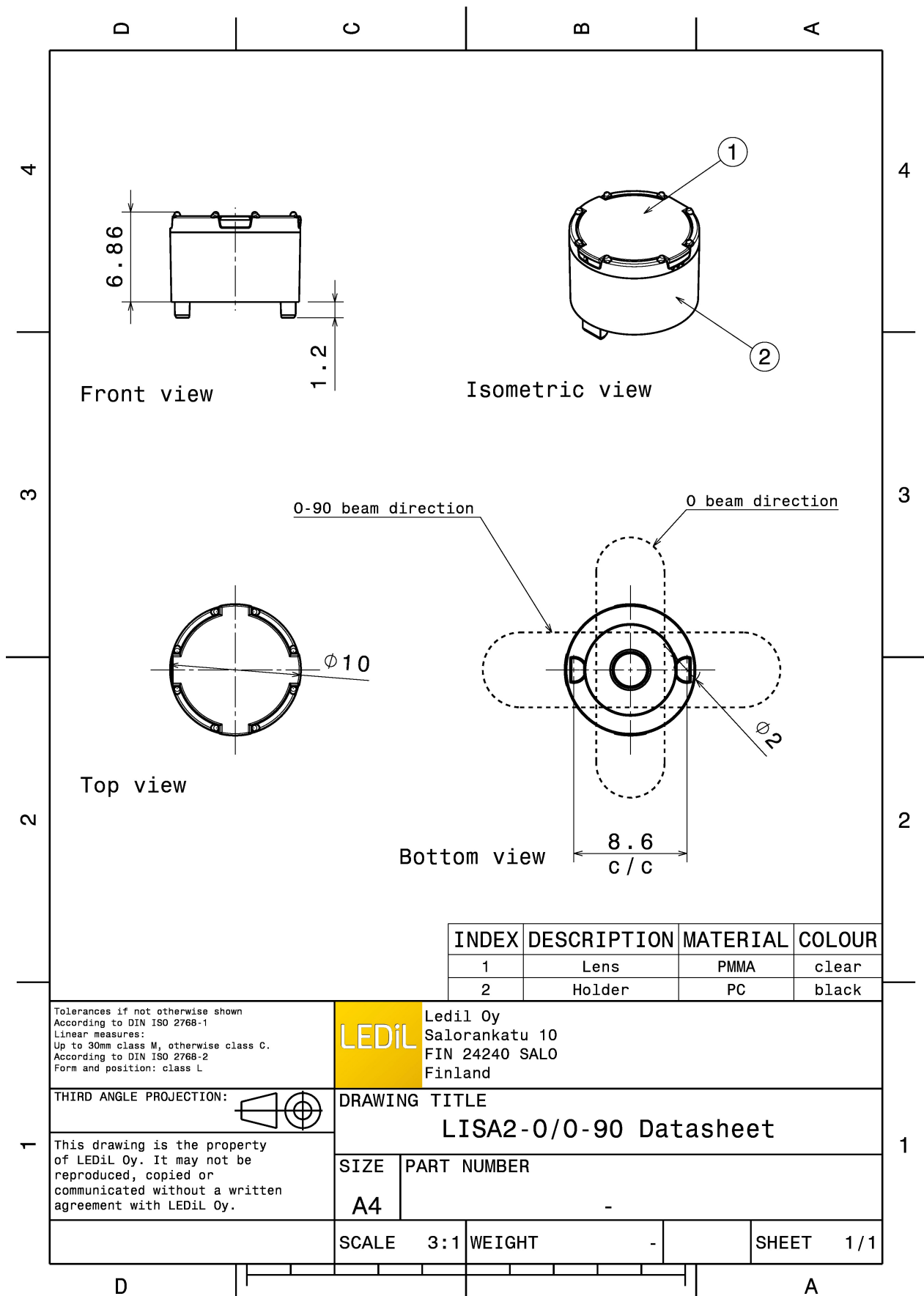
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11125_LISA2-O-PIN	Single lens	2000	300	100	1.4
» Box size:					

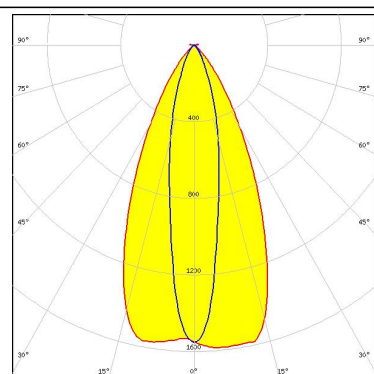
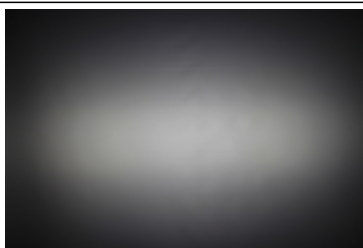




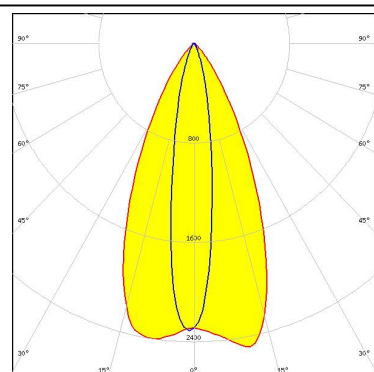
PHOTOMETRIC DATA (MEASURED):



LED XD16
FWHM 50.0 + 20.0°
Efficiency 66 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



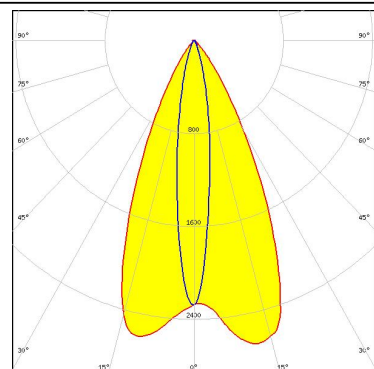
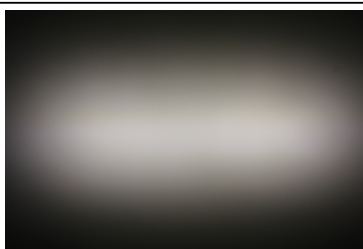
LED XP-E
FWHM 18.0 + 48.0°
Efficiency 83 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 46.0 + 24.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:



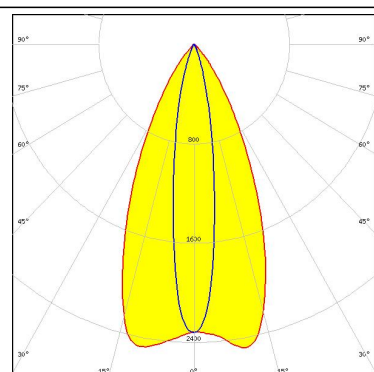
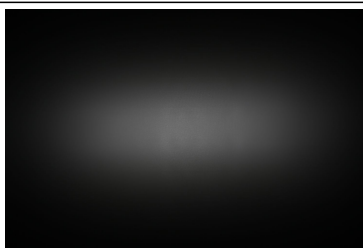
LED XQ-E HI
FWHM 15.0 + 52.0°
Efficiency 77 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



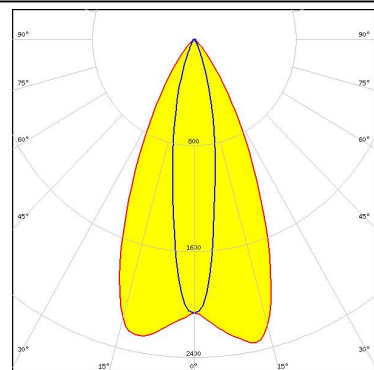
PHOTOMETRIC DATA (MEASURED):



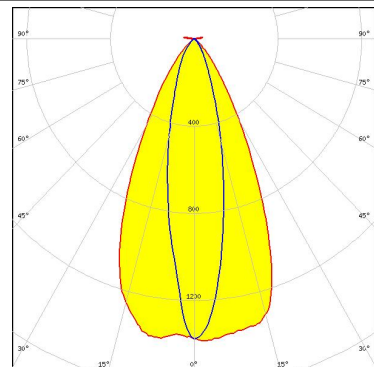
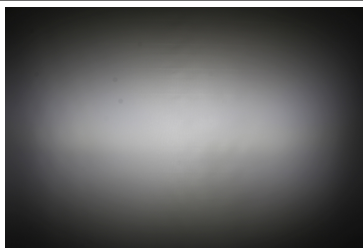
LED LUXEON C
FWHM 50.0 + 17.0°
Efficiency 81 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



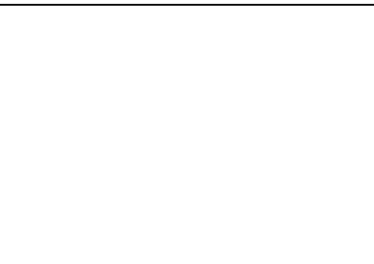
LED LUXEON Z ES
FWHM 50.0 + 19.0°
Efficiency 79 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM 51.0 + 22.0°
Efficiency 64 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4170S
FWHM 46.0 + 14.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:



PHOTOMETRIC DATA (MEASURED):

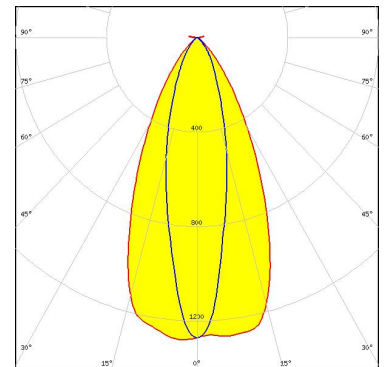
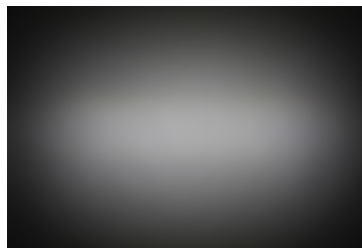
OSRAM

Opto Semiconductors

LED SFH 4180S
FWHM 46.0 + 13.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

SAMSUNG

LED LH181B
FWHM 50.0 + 24.0°
Efficiency 65 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



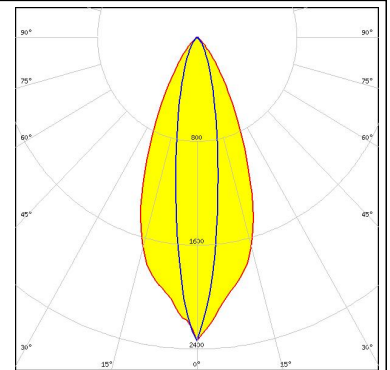
SHARP

LED Double Dome (GM2BB)
FWHM 10.0 + 32.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):



LED J Series 2835
FWHM 43.0 + 17.0°
Efficiency 79 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HD
FWHM 13.0 + 40.0°
Efficiency 86 %
Peak intensity 3.5 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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