

LISA3CSP-O-PIN

~20° + 50° ovat beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.0 mm
Height	7.2 mm
Fastening	glue
ROHS compliant	yes ⓘ

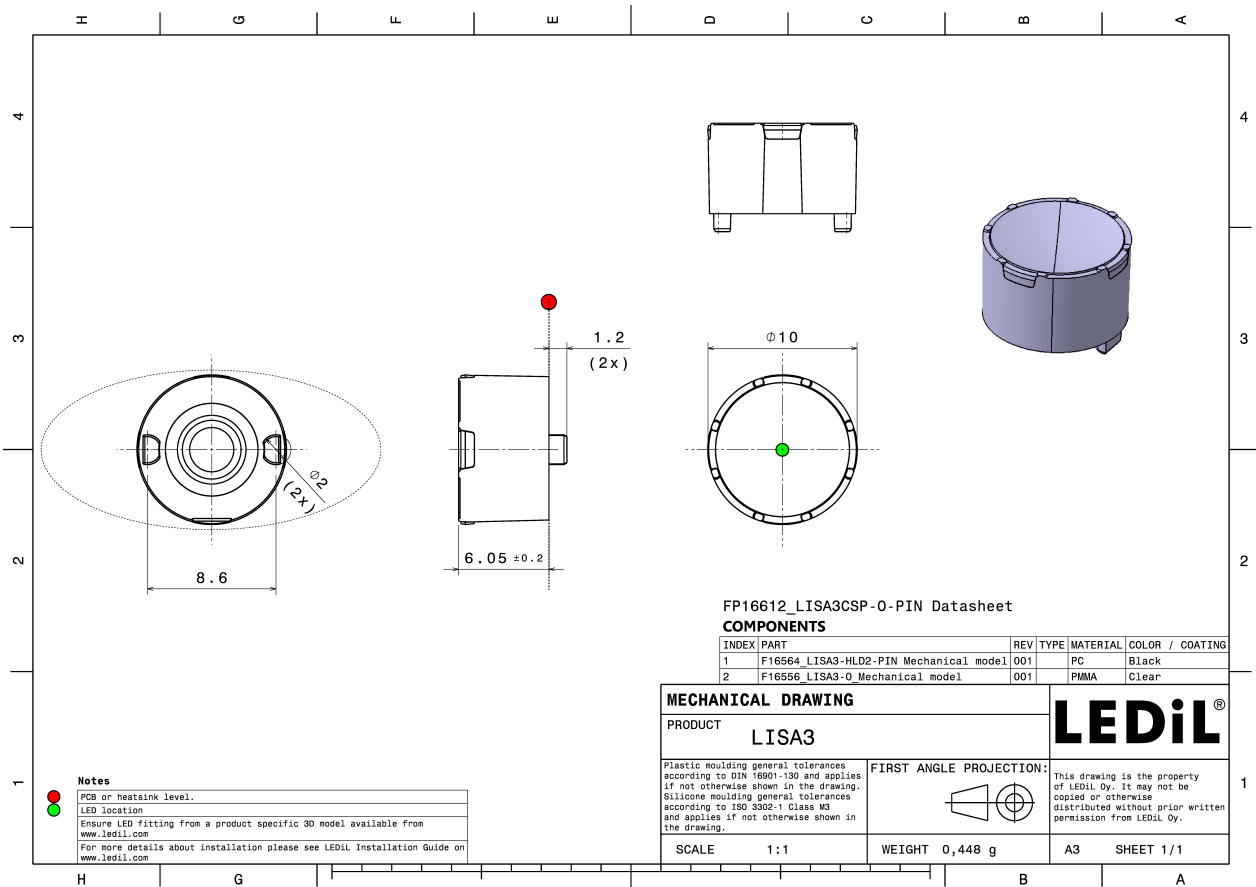
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA3-O	Single lens	PMMA	clear	
LISA3-HLD2-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP16612_LISA3CSP-O-PIN	Single lens	2000	300	100	1.3
» Box size: 310 x 230 x 60 mm					



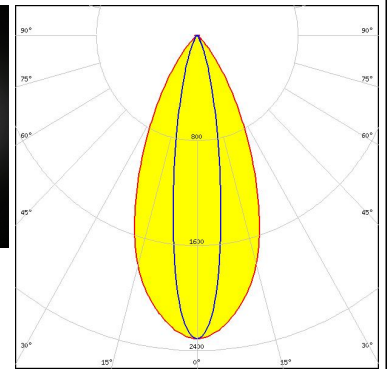


See also our general installation guide: www.ledil.com/installation_guide

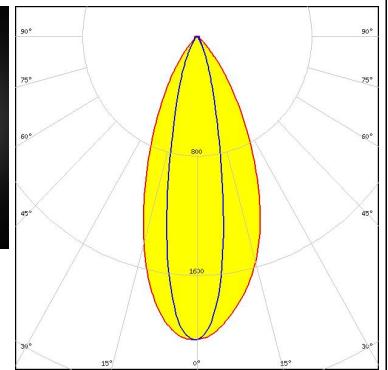
PHOTOMETRIC DATA (MEASURED):



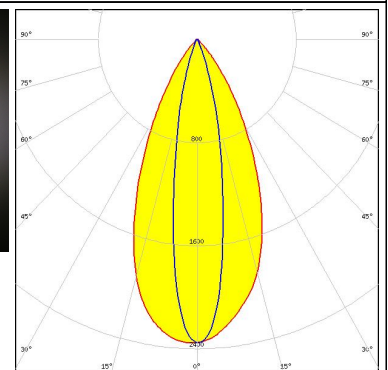
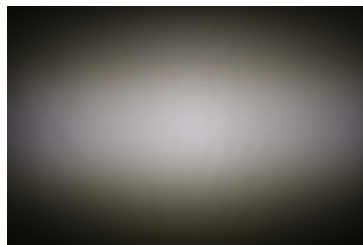
LED NCSxE17A
 FWHM / FWTM 46.0 + 19.0° / 78.0 + 41.0°
 Efficiency 77 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



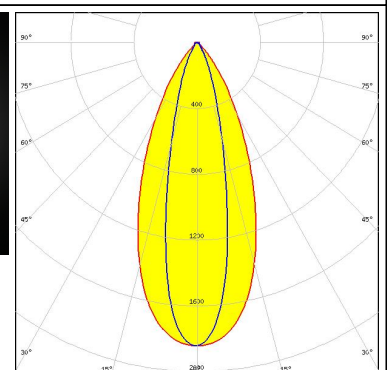
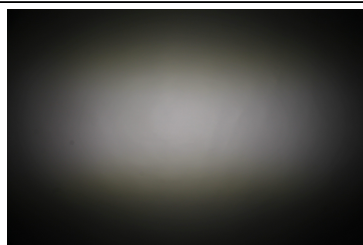
LED NVSxE21A
 FWHM / FWTM 45.0 + 22.0° / 79.0 + 47.0°
 Efficiency 76 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LH151B
 FWHM / FWTM 48.0 + 19.0° / 79.0 + 39.0°
 Efficiency 78 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



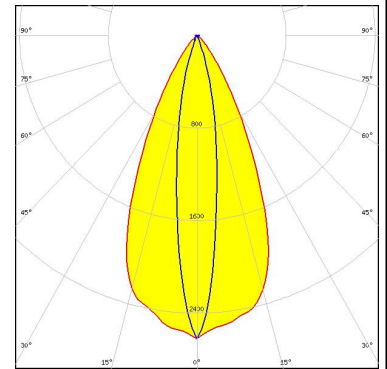
LED LH181B
 FWHM / FWTM 45.0 + 24.0° / 79.0 + 51.0°
 Efficiency 76 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



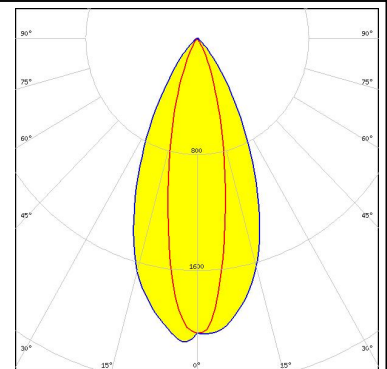
PHOTOMETRIC DATA (SIMULATED):



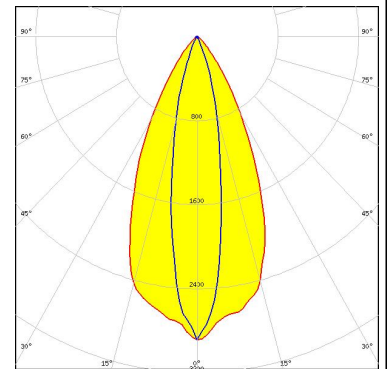
LED NFSWE11A
 FWHM / FWTM 16.0 + 48.0° / 36.0 + 76.0°
 Efficiency 79 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



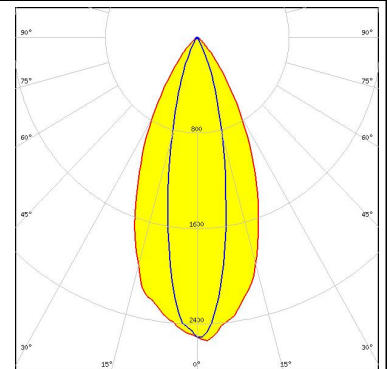
LED OSCONIQ C 2424
 FWHM / FWTM 24.0 + 48.0° / 49.0 + 80.0°
 Efficiency 83 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z8Y15
 FWHM / FWTM 18.0 + 48.0° / 40.0 + 79.0°
 Efficiency 80 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z8Y19
 FWHM / FWTM 22.0 + 45.0° / 45.0 + 78.0°
 Efficiency 80 %
 Peak intensity 2.1 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:

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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