

LISA3CSP-W-PIN

~35° wide beam

TECHNICAL SPECIFICATIONS:

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

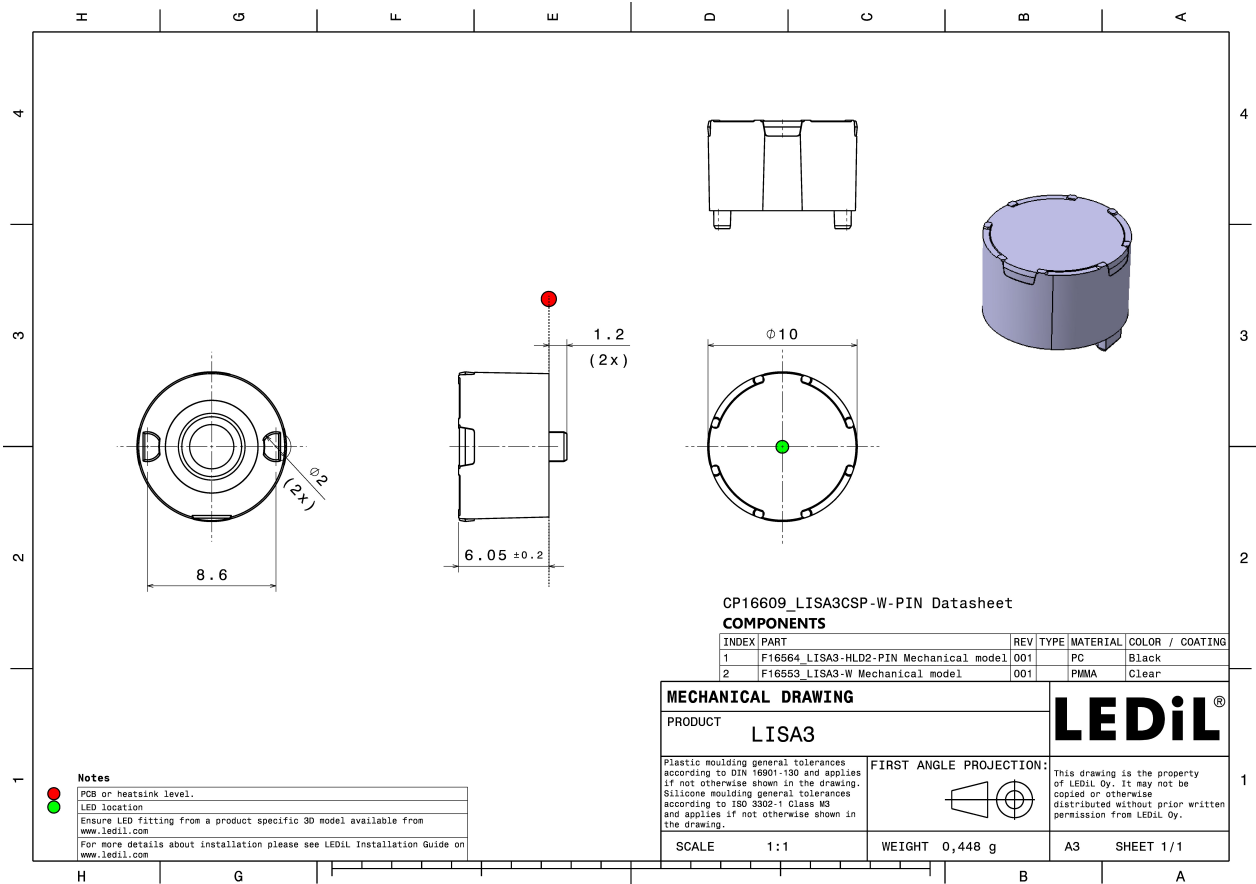
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP16609_LISA3CSP-W-PIN	Single lens	2000	300	100	1.3
» Box size: 310 x 230 x 60 mm					



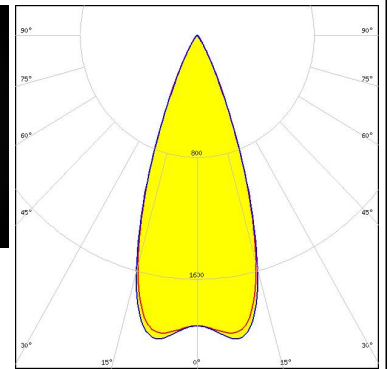
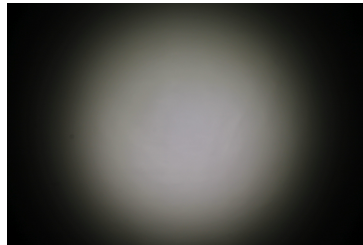


See also our general installation guide: www.ledil.com/installation_guide

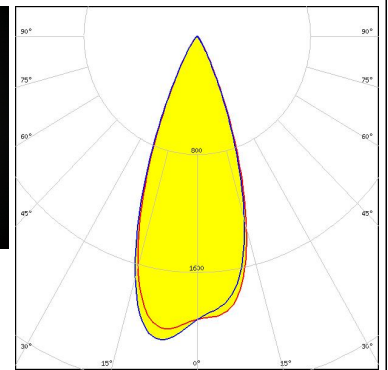
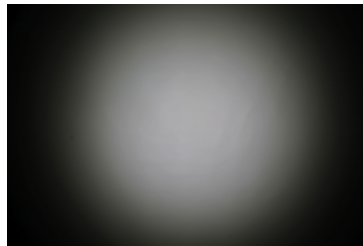
PHOTOMETRIC DATA (MEASURED):



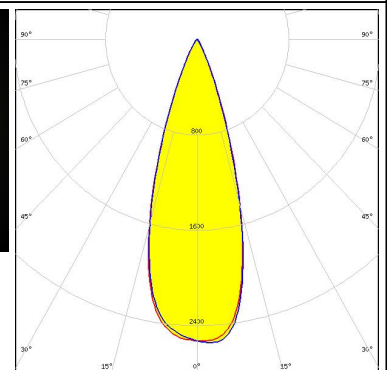
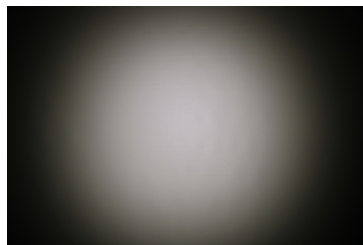
LED NCSxE17A
FWHM / FWTM 38.0° / 57.0°
Efficiency 90 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



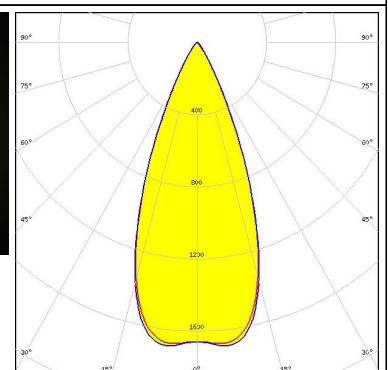
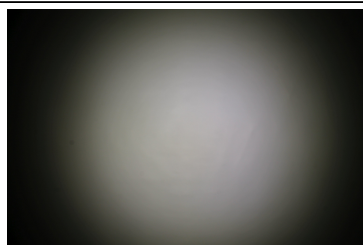
LED NVSxE21A
FWHM / FWTM 39.0° / 59.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH151B
FWHM / FWTM 33.0° / 53.0°
Efficiency 87 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



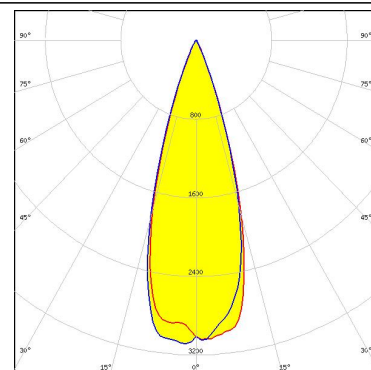
LED LH181B
FWHM / FWTM 42.0° / 63.0°
Efficiency 89 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

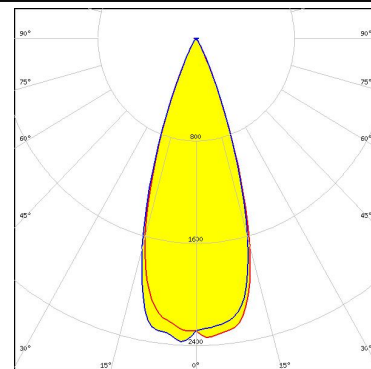
LUMILEDS

LED LUXEON CSP HL1
FWHM / FWTM 32.0° / 48.0°
Efficiency 96 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



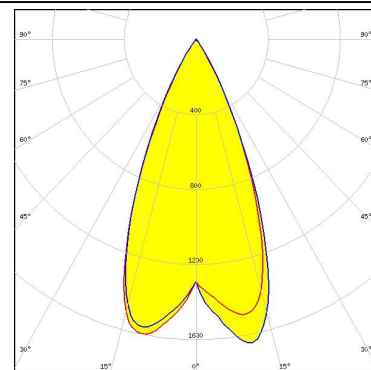
NICHIA

LED NFSWE11A
FWHM / FWTM 36.0° / 52.0°
Efficiency 85 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors
LED OSCONIQ C 2424
FWHM / FWTM 46.0° / 66.0°
Efficiency 92 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LM101B
FWHM / FWTM 41.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

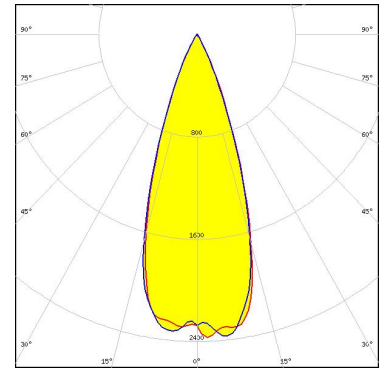
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SAMSUNG

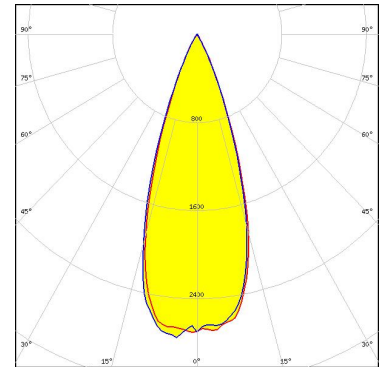
LED LM231 A/B
FWHM / FWTM 40.0° / 64.0°
Efficiency 91 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



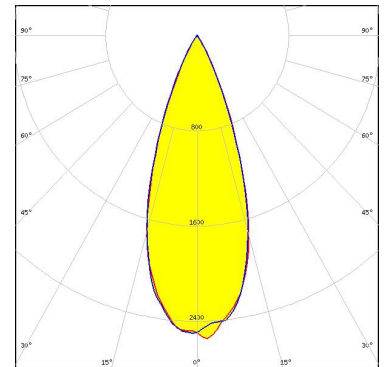
LED Z8Y11
FWHM / FWTM 35.0° / 54.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y15
FWHM / FWTM 35.0° / 53.0°
Efficiency 86 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y19
FWHM / FWTM 37.0° / 56.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



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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