

LISA3CSP-W-PIN

~35° wide beam

TECHNICAL SPECIFICATIONS:

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

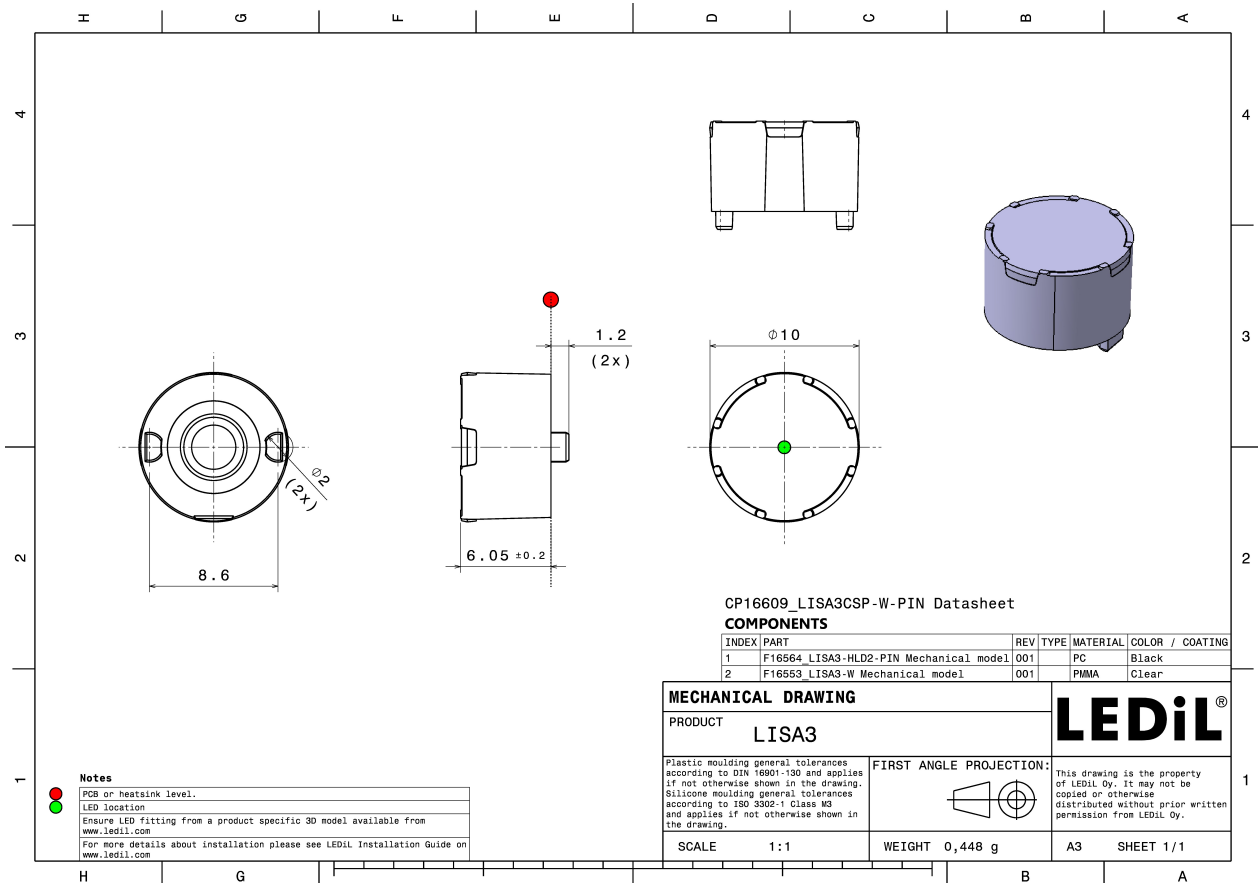
MATERIAL SPECIFICATIONS:

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					

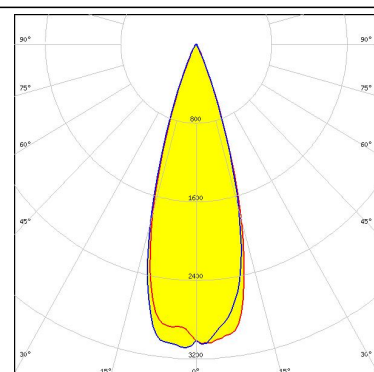




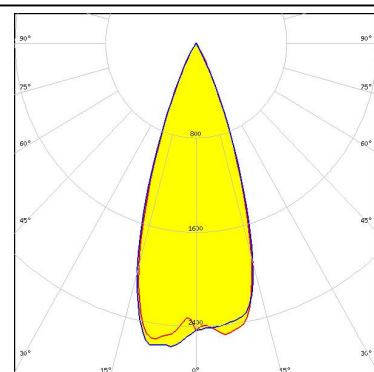
PHOTOMETRIC DATA (SIMULATED):



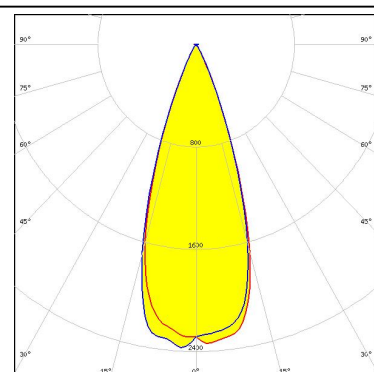
LED LUXEON CSP HL1
 FWHM 32.0°
 Efficiency 96 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



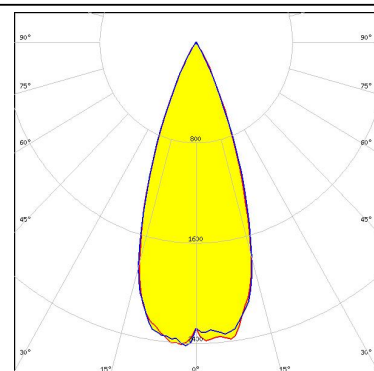
LED NCSxE17A
 FWHM 36.0°
 Efficiency 88 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



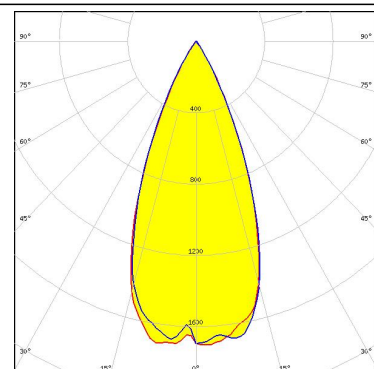
LED NVSxE21A
 FWHM 38.0°
 Efficiency 89 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH181B
FWHM 42.0°
Efficiency 90 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

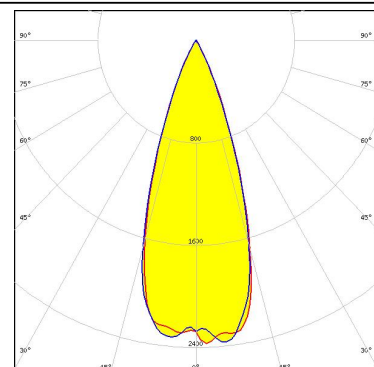
LED LM101B
FWHM 41.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

SAMSUNG

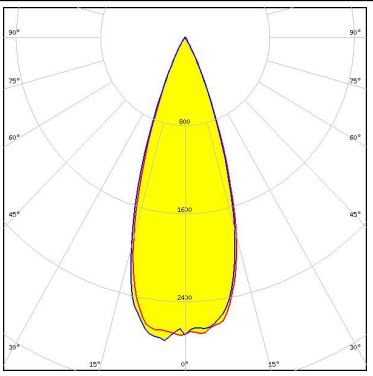
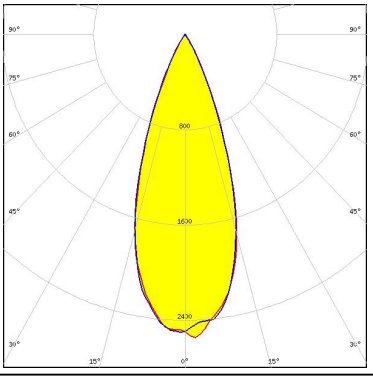
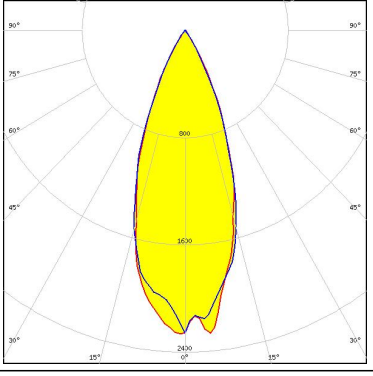
LED LM231 A/B
FWHM 40.0°
Efficiency 91 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR LED Z8Y15 FWHM 35.0° Efficiency 86 % Peak intensity 2.6 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEOUL SEMICONDUCTOR LED Z8Y19 FWHM 37.0° Efficiency 87 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEOUL SEMICONDUCTOR LED Z8Y22 FWHM 36.0° Efficiency 86 % 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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