

LISA3CSP-WWW-PIN

~60° wide beam

TECHNICAL SPECIFICATIONS:

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

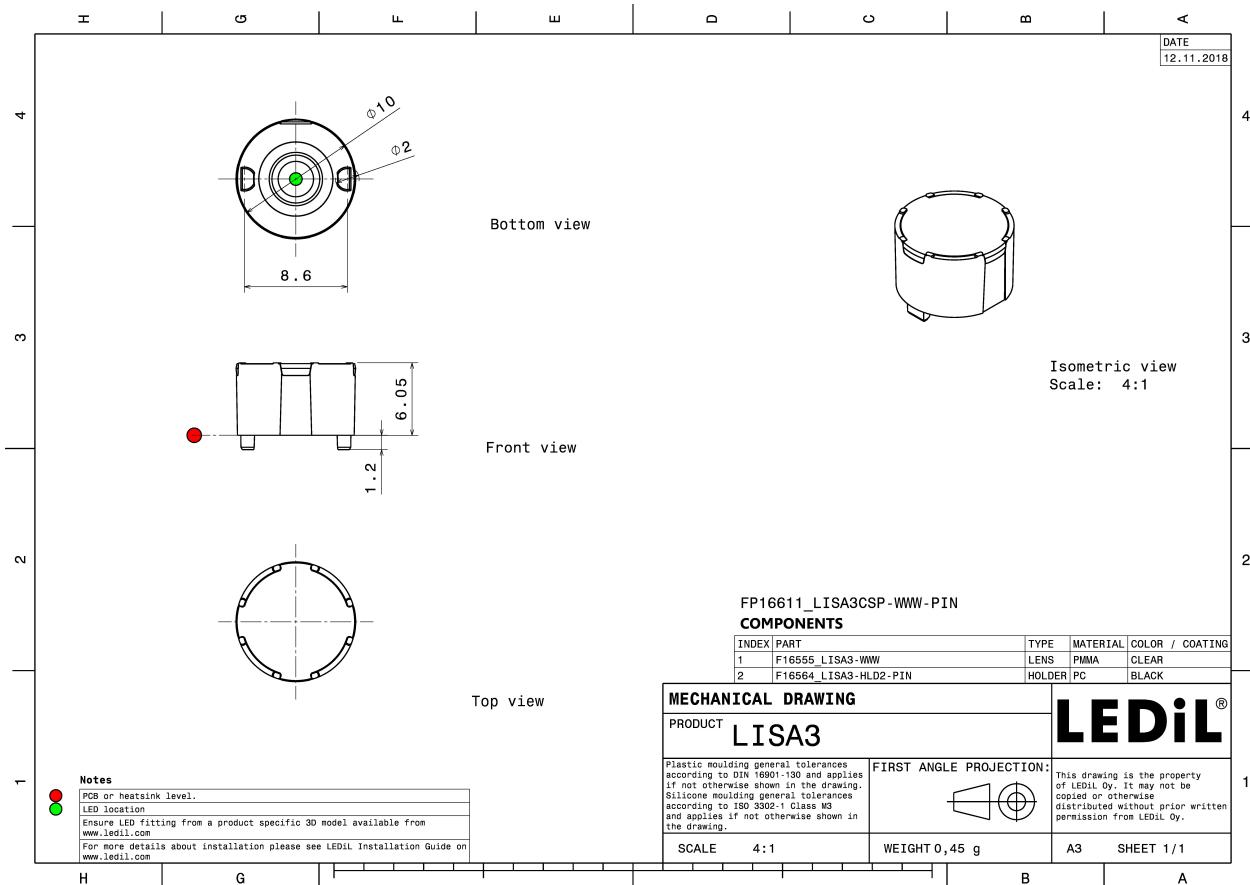


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)	
FP16611_LISA3CSP-WWW-PIN » Box size: 310 x 230 x 60 mm	Single lens	2000	300	100	1.4

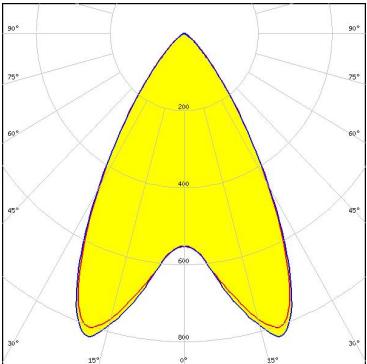


See also our general installation guide: www.ledil.com/installation_guide

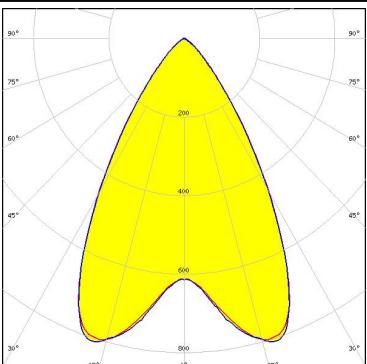
PHOTOMETRIC DATA (MEASURED):



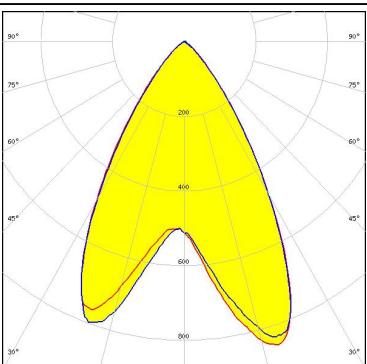
LED NCSxE17A
 FWHM / FWTM 61.0° / 89.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



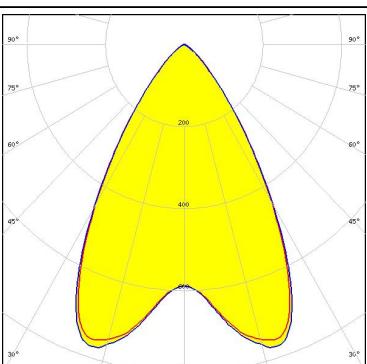
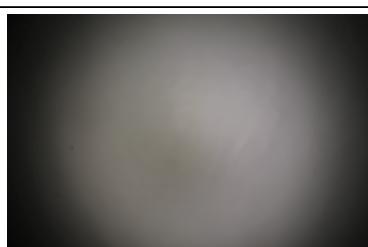
LED NVSxE21A
 FWHM / FWTM 60.0° / 90.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LH151B
 FWHM / FWTM 63.0° / 91.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



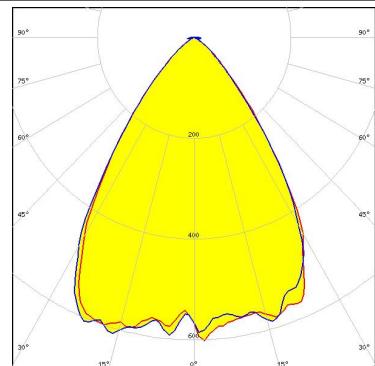
LED LH181B
 FWHM / FWTM 62.0° / 92.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



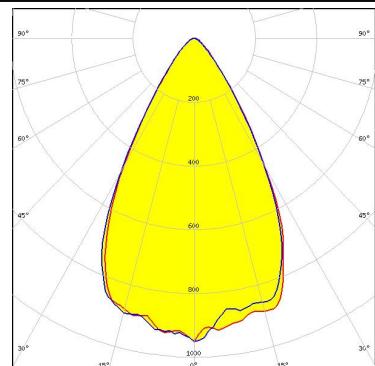
PHOTOMETRIC DATA (SIMULATED):



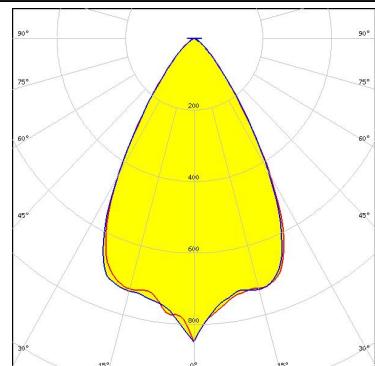
LED XD16
FWHM / FWTM 66.0 + °
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



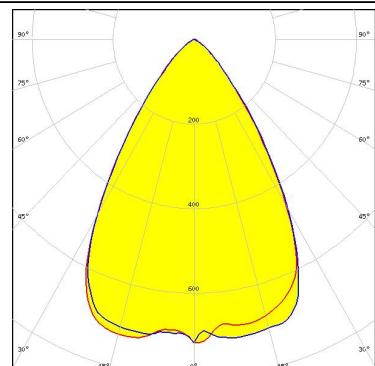
LED LUXEON CSP HL1
FWHM / FWTM 60.0 + 59.0° / 88.0°
Efficiency 95 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NFSWE11A
FWHM / FWTM 61.0° / 90.0°
Efficiency 82 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors
LED OSCONIQ C 2424
FWHM / FWTM 66.0° / 98.0°
Efficiency 86 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

SEoul SEMICONDUCTOR	
LED	Z8Y15
FWHM / FWTM	63.0 + °
Efficiency	84 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
SEoul SEMICONDUCTOR	
LED	Z8Y19
FWHM / FWTM	63.0 + °
Efficiency	84 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
SEoul SEMICONDUCTOR	
LED	Z8Y22
FWHM / FWTM	62.0 + °
Efficiency	84 %
Peak intensity	0.8 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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