

LISA3CSP-WWW-PIN

~60° wide beam

SPECIFICATION:

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

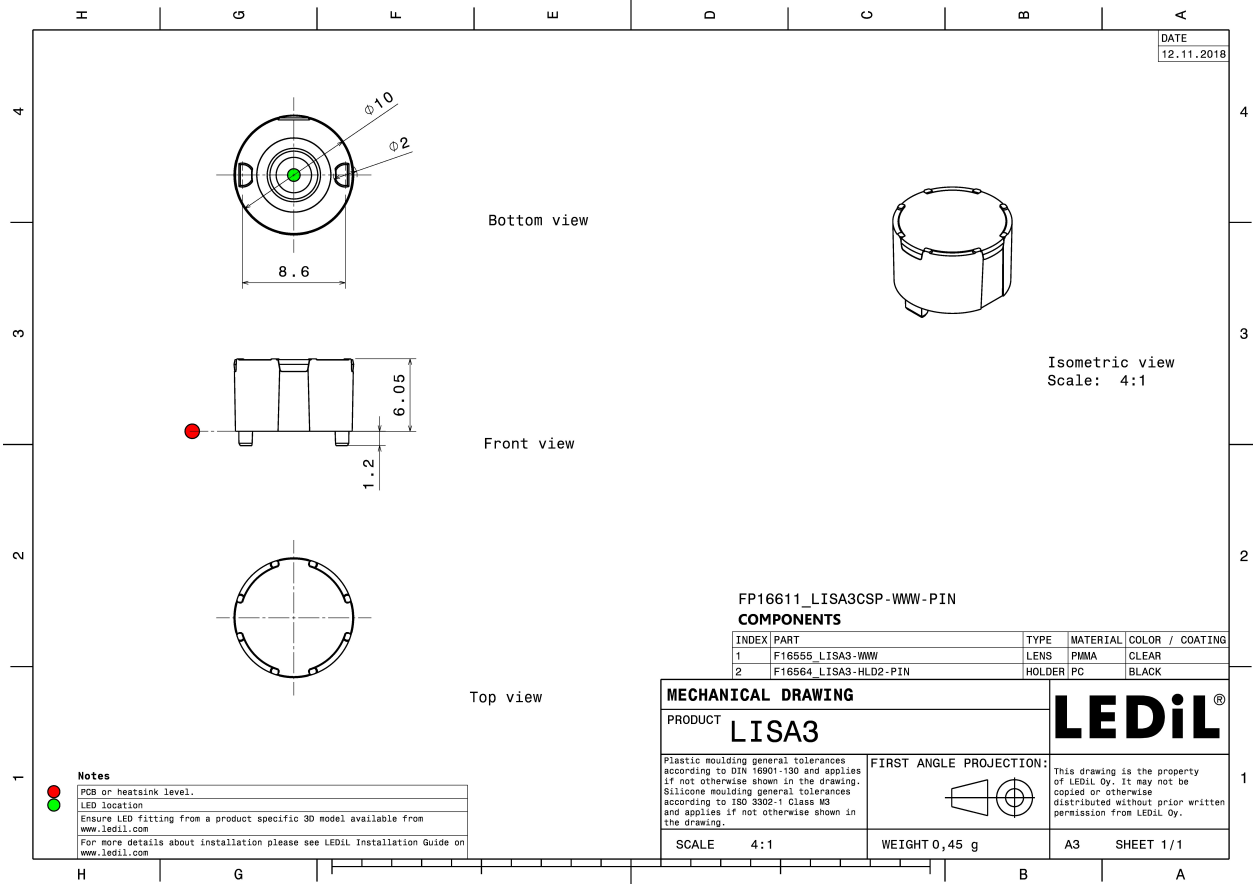
MATERIALS:

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

ORDERING INFORMATION:



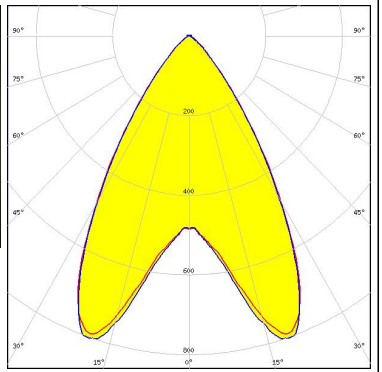

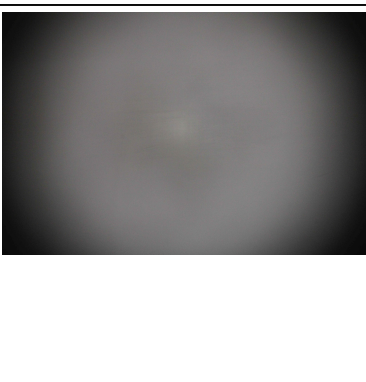
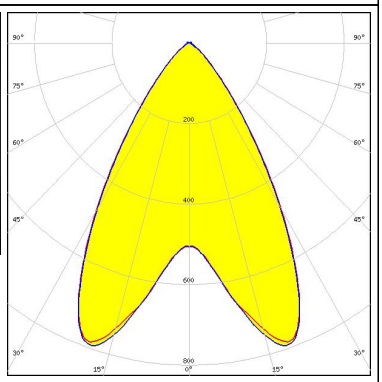


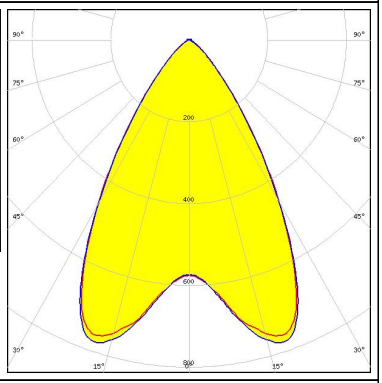

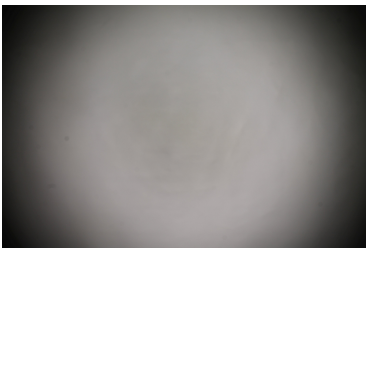
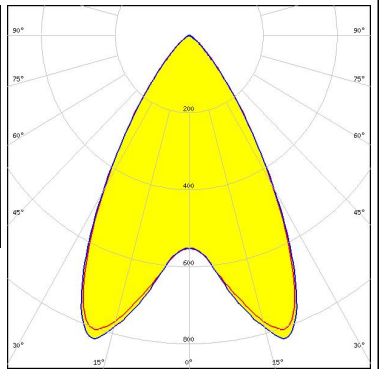
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP16611_LISA3CSP-WWW-PIN	Single lens	2000	300	100	1.4
» Box size: 310 x 230 x 60 mm					





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

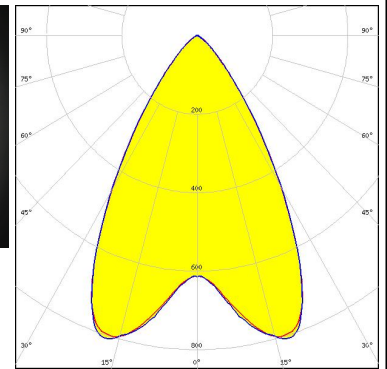
OPTICAL RESULTS (MEASURED):

<p> LED CSP 1111 (BXCP)</p> <p>FWHM / FWTM 63.0° / 89.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> LED CSP 1919 (BXCP)</p> <p>FWHM / FWTM 64.0° / 92.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.8 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> LED CSP 2323 (BXCP)</p> <p>FWHM / FWTM 62.0° / 92.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> LED NCSxE17A</p> <p>FWHM / FWTM 61.0° / 89.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

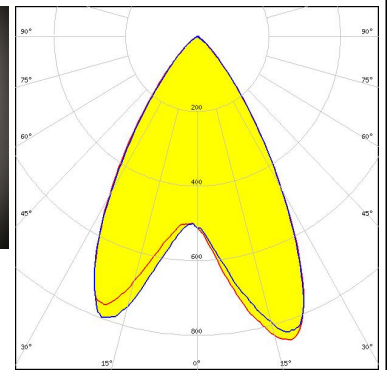
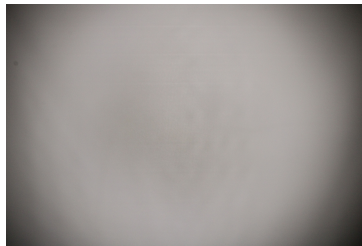
OPTICAL RESULTS (MEASURED):



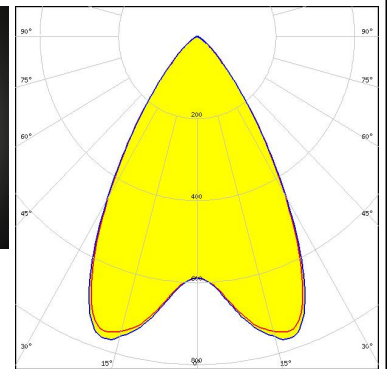
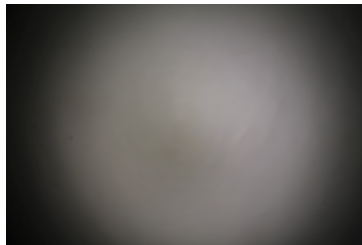
LED NVSxE21A
FWHM / FWTM 60.0° / 90.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



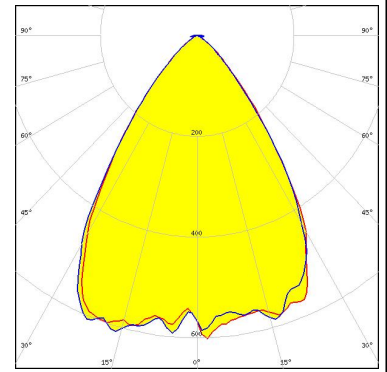
LED LH181B
FWHM / FWTM 62.0° / 92.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



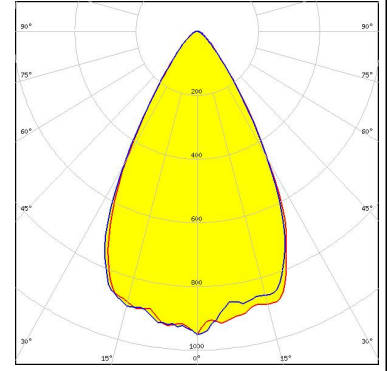
OPTICAL RESULTS (SIMULATED):



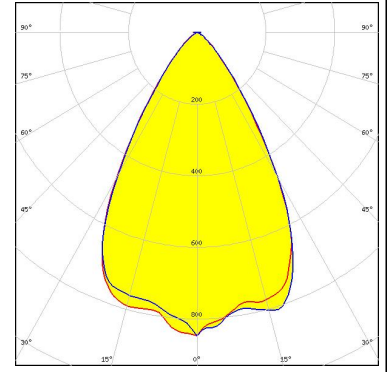
LED XD16
 FWHM / FWTM 66.0 + °
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



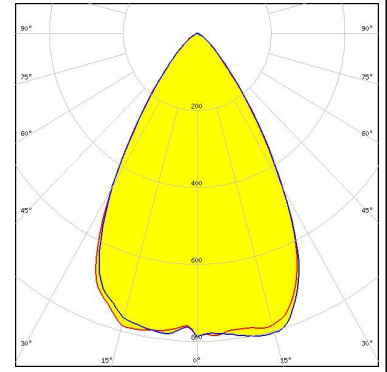
LED LUXEON CSP HL1
 FWHM / FWTM 60.0 + 59.0° / 88.0°
 Efficiency 95 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



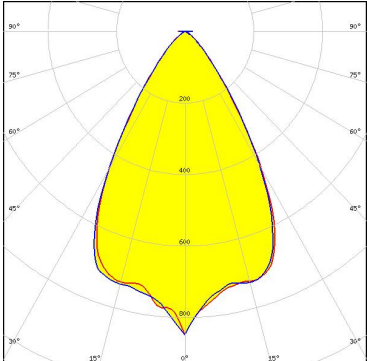
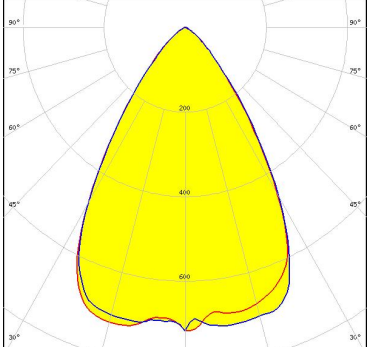
LED LUXEON HL1Z
 FWHM / FWTM 62.0° / 91.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON HL2Z
 FWHM / FWTM 64.0 + 63.0° / 93.0 + 92.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>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:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y15 FWHM / FWTM 63.0 + ° Efficiency 84 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y19 FWHM / FWTM 63.0 + ° Efficiency 84 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

 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:	