

PRODUCT DATASHEET FP16608_LISA3CSP-M-PIN

LISA3CSP-M-PIN

~25° medium beam

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

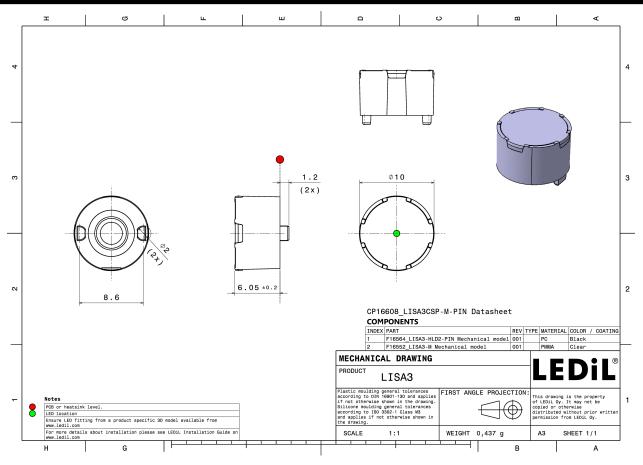
Component	Туре	Material	Colour	Finish
LISA3-M	Single lens	PMMA	clear	
LISA3-HLD2-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP16608_LISA3CSP-M-PIN	Single lens	2000	300	100	1.3
» Box size: 310 x 230 x 60 mm					



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



PHOTOMETRIC DATA (MEASURED):

Marra		
Ø NICHI∧		90*
LED	NCSxE17A	
FWHM / FWTM	27.0° / 51.0°	
Efficiency	89 %	60° 60°
Peak intensity	3.3 cd/lm	
LEDs/each optic	1	1690
Light colour	White	43° 45°
Required compone	nts:	3430
		36-
ØNICHI		90 ⁴ 90 ⁴
LED	NVSxE21A	
FWHM / FWTM	30.0° / 55.0°	73
Efficiency	90 %	
Peak intensity	2.8 cd/lm	
LEDs/each optic	1	
Light colour	White	1500 5°
Required compone		
		200
		30° 35°
CARACI		425 [°] 0 ⁴ 15 [°]
ѕлмѕι		99°
LED	LH151B	20°
LED FWHM / FWTM	LH151B 27.0° / 49.0°	
LED FWHM / FWTM Efficiency	LH151B 27.0° / 49.0° 87 %	73
LED FWHM / FWTM Efficiency Peak intensity	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm	95
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1	2°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White	2°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B 27.0° / 49.0° 87 % 3.4 cd/lm 1 White nts:	



PHOTOMETRIC DATA (SIMULATED):

UMILEC	S	99*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CSP HL1 23.0° / 43.0 + 42.0° 95 % 4.8 cd/lm 1 White	5° 5° 50° 50° 50° 50° 50° 50° 50° 50° 50
	S	99 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z 28.0 + 27.0° / 54.0° 90 % 3.1 cd/lm 1 White	25° 6° 5°
		90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NFSWE11A 26.0° / 47.0° 82 % 3.6 cd/lm 1 White	25 25 25 25 250 250 250 250 250
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ C 2424 32.0° / 57.0° 91 % 2.7 cd/lm 1 White	94* 94* 95* 800 800 800 800 800 800



PHOTOMETRIC DATA (SIMULATED):

SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	G LH231B 30.0° / 60.0° 90 % 2.5 cd/lm 1 White	200 64. 64. 200 90. 90. 90. 90. 90. 90. 90. 90. 90. 9
SAMSUN	IG	90° 90°
	LM101B	75.
FWHM / FWTM Efficiency	27.0° / 50.0° 89 %	
Peak intensity	3.2 cd/lm	60° 50°
LEDs/each optic	1	
Light colour	White	51 () () () () () () () () () (
Required components:		1230
		30 ⁴ 4000 30 ⁴
SEOUL		90° 90°
SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y11	75
FWHM / FWTM	27.0° / 51.0°	
Efficiency	83 %	607 60*
Peak intensity LEDs/each optic	3.2 cd/lm 1	100
Light colour	White	47°
Required components:		X A A X
		300 300 200 200 200 200 200 200 200 200
SEOUL		
SEOUL SEMICONDUCTOR		90°
LED	Z8Y15	73.
FWHM / FWTM	25.0° / 50.0°	
Efficiency	84 %	60 ⁴ 60 ⁴
Peak intensity	3.4 cd/lm	
LEDs/each optic	1 White	454
Light colour	vvnite	
Required components:		30 ³ 650 32 ⁴



PHOTOMETRIC DATA (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		90°
LED	Z8Y19	75"
FWHM / FWTM	25.0° / 48.0°	
Efficiency	85 %	60° 60°
Peak intensity	3.2 cd/lm	
LEDs/each optic	1	
Light colour	White	43* 43*
Required components:		$\times / \times /$
		3200
		30° 30°
		15° 0° 15°
SEQUE		90° 90°
SEOUL SEMICONDUCTOR	Z8Y22	
SEOUL SEMICONDUCTOR	Z8Y22 30.0° / 57.0°	75
seoul semiconductor LED FWHM / FWTM		
seoul semiconductor LED	30.0° / 57.0°	75
seoul semiconductor LED FWHM / FWTM Efficiency	30.0° / 57.0° 85 %	75
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	30.0° / 57.0° 85 % 2.6 cd/lm	75- 00 00 00
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	30.0° / 57.0° 85 % 2.6 cd/lm 1	500 500 500 500 500 500 500 500 500 500
SEDUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	30.0° / 57.0° 85 % 2.6 cd/lm 1	77 00 00 00 00 00 00 00 00 00 00 00 00 0
SEDUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	30.0° / 57.0° 85 % 2.6 cd/lm 1	77 00 00 00 00 00 00 00 00 00 00 00 00 0
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	30.0° / 57.0° 85 % 2.6 cd/lm 1	77



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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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