

PRODUCT DATASHEET FP11957_LISA2-WWW-PIN

LISA2-WWW-PIN

~80° wide beam optimized for 3535 size LED packages. 6.6 mm high variant with location pin installation.

SPECIFICATION:

Dimensions Height Fastening ROHS compliant



MATERIALS:

Component	Туре	Material	Colour	Finish
LISA2-WWW	Single lens	PMMA	clear	
LISA2-HLD-PIN-OSL	Holder	PC	black	

Ø 9.9 mm

6.7 mm

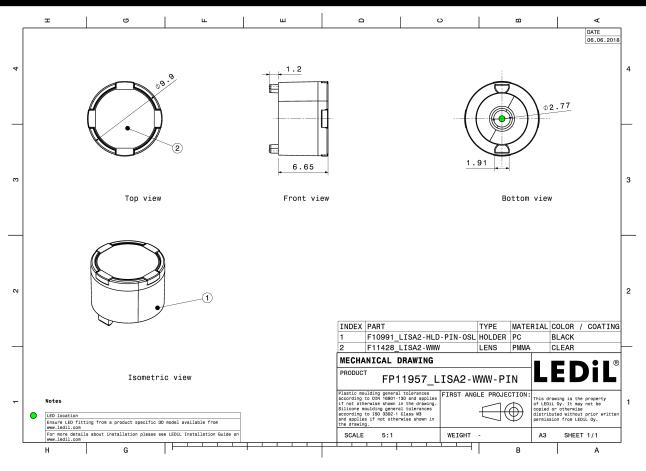
glue, pin yes (i)

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11957_LISA2-WWW-PIN	Single lens	2000		100	1.4
» Box size:					



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



OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square EC 80.0° / 118.0° 72 % 0.5 cd/lm 1 White ents:	200 200 200 200 200 200 200 200 200 200
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 150 91.0° / 132.0° 68 % 0.4 cd/lm 1 White ents:	20 20 20 20 20 20 20 20 20 20



OPTICAL RESULTS (SIMULATED):

		90° 90°
	XE-G	75' 75'
FWHM / FWTM	89.0° / 138.0°	- 100
Efficiency	83 %	60* 60*
Peak intensity	0.5 cd/lm	
LEDs/each optic		
Light colour	Red	er er
Required components:		
		400
		30* 30*
		90* 90*
LED	XE-G	NO
FWHM / FWTM	86.0° / 140.0°	100
Efficiency	83 %	60°
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	Green	er
Required components:		
		30° 30°
		15° 500 15° 0° 15°
CREE ≑		90°
	XE.G	54 55
LED	XE-G 87.0° / 139.0°	99 ⁴ 99 ⁴
LED FWHM / FWTM	87.0° / 139.0°	200 201 201 201 201
LED FWHM / FWTM Efficiency	87.0° / 139.0° 83 %	59° 500 50°
LED FWHM / FWTM Efficiency Peak intensity	87.0° / 139.0° 83 % 0.5 cd/lm	59° 50° 50° 50° 50° 50° 50° 50° 50° 50° 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	87.0° / 139.0° 83 % 0.5 cd/lm 1	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	87.0° / 139.0° 83 % 0.5 cd/lm	20 20 21 20 22 20 23 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	87.0° / 139.0° 83 % 0.5 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	87.0° / 139.0° 83 % 0.5 cd/lm 1	50 50 50 50 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	87.0° / 139.0° 83 % 0.5 cd/lm 1	5 ·
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	87.0° / 139.0° 83 % 0.5 cd/lm 1	200 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1	50 57 50 50 50 50 50 50 50 50 57 57 50 57 57
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue	50 57 50 50 50 50 50 50 50 50 57 57 50 57 57
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G	50 57 50 50 50 50 50 50 50 50 57 57 50 57 57
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0°	30 30 20 00 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 %	30 30 20 00 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 % 0.5 cd/lm	30 30 20 00 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 % 0.5 cd/lm 1	30 30 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 % 0.5 cd/lm	30 30 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 % 0.5 cd/lm 1	30 30 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 % 0.5 cd/lm 1	30 30 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 % 0.5 cd/lm 1	30 30 20 00 20 00 20 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	87.0° / 139.0° 83 % 0.5 cd/lm 1 Blue XE-G 88.0° / 141.0° 82 % 0.5 cd/lm 1	30 30 20 00 20 00 20 00



OPTICAL RESULTS (SIMULATED):

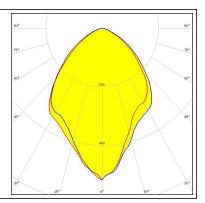
	DS	30* 30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 92.0° / 140.0° 84 % 0.5 cd/lm 1 Green	
	DS	50° 30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 89.0° / 140.0° 84 % 0.5 cd/lm 1 Blue	
	DS	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 80.0° / 138.0° 84 % 0.5 cd/lm 1 White	
UMILE	DS	90° 90'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 71.0° / 138.0° 84 % 0.5 cd/lm 1 Red	



OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSCONIQ P 3030 82.0° / 130.0° 86 % 0.5 cd/lm 1 White





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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