

LISA3-M-PIN

~25° medium beam with location pin installation

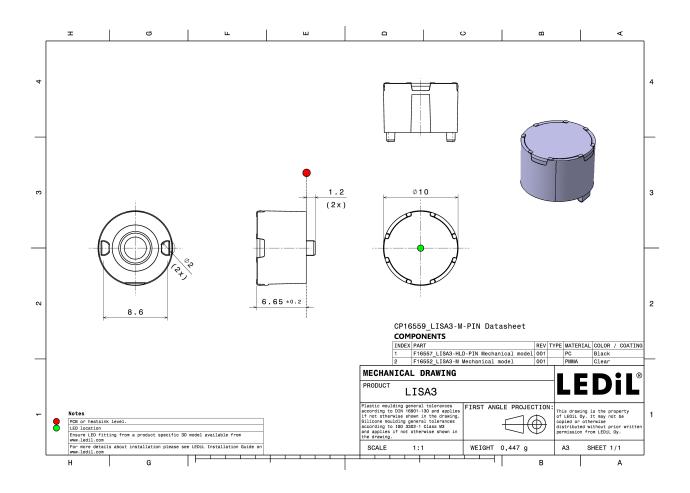
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.0 mm
Height	7.9 mm
Fastening	glue
Colour	black
Box size	310 x 230 x 60 mm
Box weight	1.3 kg
Quantity in Box	2000 pcs
ROHS compliant	yes 🛈



PRODUCT DATASHEET FP16559_LISA3-M-PIN

MATERIAL SPECIFICATIONS:

Component LISA3-M LISA3-HLD-PIN **Type** Single lens Holder Material PMMA PC **Colour** clear black 

PRODUCT DATASHEET

FP16559_LISA3-M-PIN

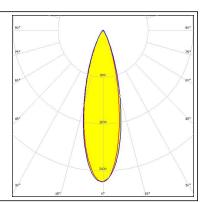


PHOTOMETRIC DATA (MEASURED):

ΜΝΙCΗΙΛ

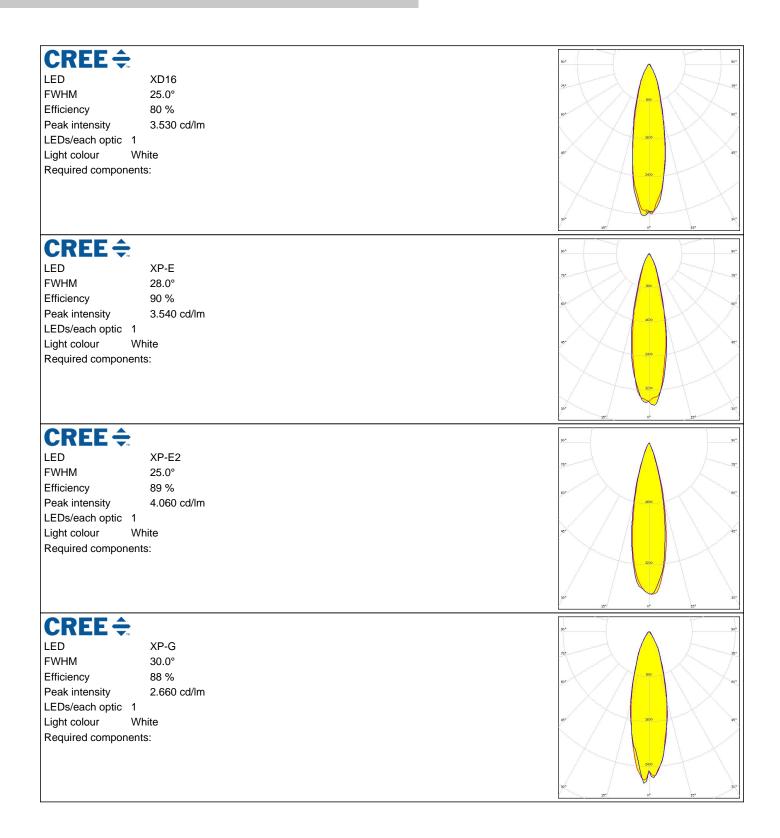
LED	NF2x757G
FWHM	28.0°
Efficiency	79 %
Peak intensity	2.600 cd/lm
LEDs/each optic	1
Light colour	White
Required compor	nents:







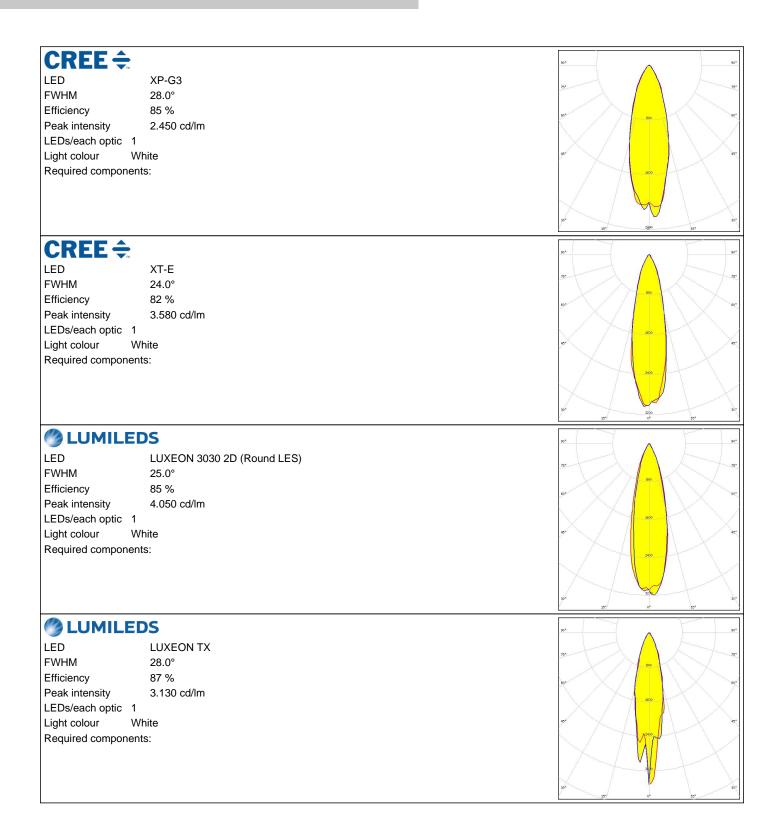
PHOTOMETRIC DATA (SIMULATED):



PRODUCT DATASHEET FP16559_LISA3-M-PIN

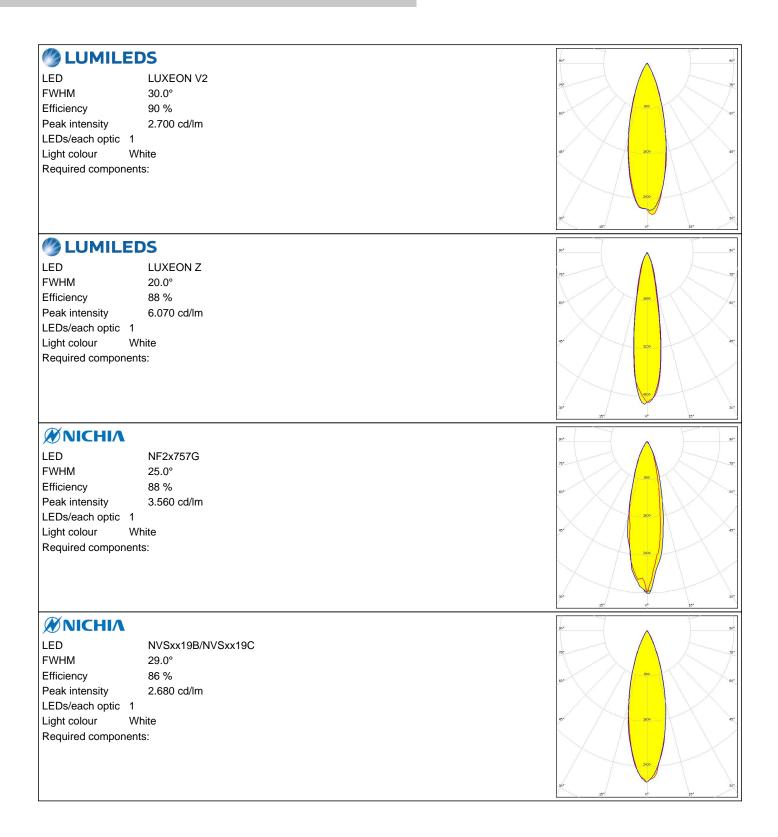


PHOTOMETRIC DATA (SIMULATED):





PHOTOMETRIC DATA (SIMULATED):



PRODUCT DATASHEET FP16559_LISA3-M-PIN



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		90*
	Duris S5 (2 chip)	75*
FWHM	25.0° 89 %	
Efficiency	3.220 cd/lm	601
Peak intensity		
LEDs/each optic 1 Light colour V	/hite	97 ⁴ 67 ⁵ 67 ⁵
Required componer		
Required componer		
		2490
		30 ⁴ 33 ⁴ 9 ⁴
OSRAM Opto Semiconductors		50°
LED	Duris S5 (Single chip)	
FWHM	25.0°	77
Efficiency	86 %	
Peak intensity	3.710 cd/lm	
LEDs/each optic 1		100
0	/hite	gr
Required componer	nts:	200
		34°
OCDAM		10 V 10
OSRAM		30*
Opto Semiconductors		90°
Opto Semiconductors	OSCONIQ P 3030 22.0°	90 ⁴ 99 ⁴
Opto Semiconductors LED FWHM	22.0°	71
opto Semiconductors LED FWHM Efficiency	22.0° 85 %	90 ⁴ 75 ⁴ 60 ⁴ 100 100
opto Semiconductors LED FWHM Efficiency Peak intensity	22.0° 85 % 4.653 cd/lm	25
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	22.0° 85 % 4.653 cd/lm	25
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	22.0° 85 % 4.653 cd/lm /hite	291 291 2000 2000 2000
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V	22.0° 85 % 4.653 cd/lm /hite	27 27 27 27 27 27 27 27 27 27 27 27 27 2
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V	22.0° 85 % 4.653 cd/lm /hite	73 73 60 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V	22.0° 85 % 4.653 cd/lm /hite	279 60 er 259 30 [*] 409 50 [*] 50 [*]
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer	22.0° 85 % 4.653 cd/lm /hite	220 - C
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer	22.0° 85 % 4.653 cd/lm /hite hts:	273 60 0 0 0 0 0 0 0 0 0 0 0 0 0
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Opto Semiconductors LED	22.0° 85 % 4.653 cd/lm /hite hts: OSLON Square CSSRM2/CSSRM3	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Opto Semiconductors LED FWHM	22.0° 85 % 4.653 cd/lm /hite hts: OSLON Square CSSRM2/CSSRM3 26.0°	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Opto Semiconductors LED FWHM Efficiency	22.0° 85 % 4.653 cd/lm /hite hts: OSLON Square CSSRM2/CSSRM3 26.0° 88 %	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity	22.0° 85 % 4.653 cd/lm /hite hts: OSLON Square CSSRM2/CSSRM3 26.0° 88 % 3.400 cd/lm	
orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	22.0° 85 % 4.653 cd/lm /hite hts: OSLON Square CSSRM2/CSSRM3 26.0° 88 % 3.400 cd/lm	
orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V	22.0° 85 % 4.653 cd/lm /hite nts: OSLON Square CSSRM2/CSSRM3 26.0° 88 % 3.400 cd/lm /hite	
orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	22.0° 85 % 4.653 cd/lm /hite nts: OSLON Square CSSRM2/CSSRM3 26.0° 88 % 3.400 cd/lm /hite	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required component Costant Component EED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V	22.0° 85 % 4.653 cd/lm /hite nts: OSLON Square CSSRM2/CSSRM3 26.0° 88 % 3.400 cd/lm /hite	
orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V Required componer OSRAM Orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour V	22.0° 85 % 4.653 cd/lm /hite nts: OSLON Square CSSRM2/CSSRM3 26.0° 88 % 3.400 cd/lm /hite	



PHOTOMETRIC DATA (SIMULATED):

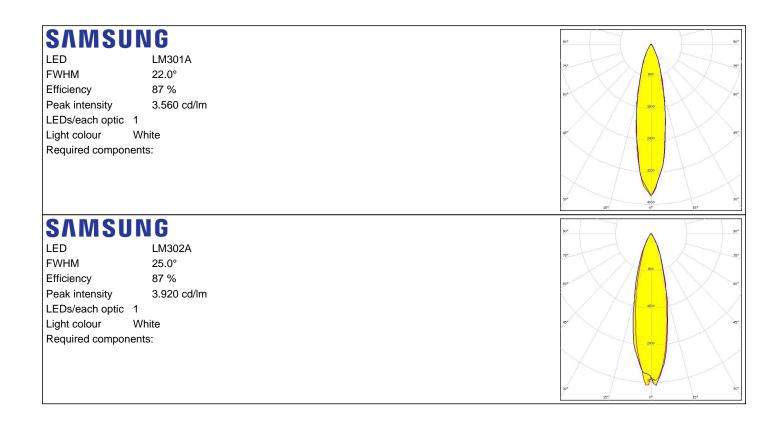
OSRAM Opto Semiconductors		90*
LED	OSLON Square EC	
FWHM	26.0°	23. 25.
Efficiency	88 %	
Peak intensity	3.350 cd/lm	
LEDs/each optic 1		1630
	hite	95*
Required componen		000
		30 30 30 15° 30 30
OSRAM Opto Semiconductors		90° 90°
LED	OSLON SSL 150	
FWHM	25.0°	25*
Efficiency	89 %	
Peak intensity	4.000 cd/lm	
LEDs/each optic 1		
	'hite	42*
Required componen	ts:	2000
		3200
		310 310
		15° 0° 15°
OSRAM Opto Semiconductors		90 ⁺
OSRAM Opto Semiconductors LED	OSLON SSL 80	90 ⁴ 90 ⁴
	OSLON SSL 80 21.0°	25 27 27 27 27 27 27 27 27 27 27 27 27 27
LED		60 51 52 52 52 52 52 52 52 52
LED FWHM	21.0°	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency	21.0° 87 %	59°
LED FWHM Efficiency Peak intensity LEDs/each optic 1	21.0° 87 %	22. 24. 25. 26. 26. 26. 26. 26. 26. 26. 26
LED FWHM Efficiency Peak intensity LEDs/each optic 1	21.0° 87 % 4.980 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm	a7 a7
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm	a7 a7
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm	yu. 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	21.0° 87 % 4.980 cd/lm /hite ts:	g. 500
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm /hite ts:	yu. 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	21.0° 87 % 4.980 cd/lm /hite ts:	200 200 200 200 200 200 200 200 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	21.0° 87 % 4.980 cd/lm /hite ts:	ju 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	21.0° 87 % 4.980 cd/lm /hite ts: VIG LH351D	No. No. 20.0 20.0 20.0 20.0
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen SAMSUT LED FWHM	21.0° 87 % 4.980 cd/lm /hite ts: VG LH351D 36.0°	No. No. 20.0 20.0 20.0 20.0
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen SAMSUT LED FWHM Efficiency Peak intensity LEDs/each optic 1	21.0° 87 % 4.980 cd/lm /hite ts: VG LH351D 36.0° 85 %	No. No. 20.0 20.0 20.0 20.0
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen SAMSUT LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm white ts: VG LH351D 36.0° 85 % 1.720 cd/lm white	200 Ja 200 Ja
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen SAMSUT LED FWHM Efficiency Peak intensity LEDs/each optic 1	21.0° 87 % 4.980 cd/lm white ts: VG LH351D 36.0° 85 % 1.720 cd/lm white	64 64 75 100 100 100 100 100 100 100 10
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen SAMSUT LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm white ts: VG LH351D 36.0° 85 % 1.720 cd/lm white	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen SAMSUT LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm white ts: VG LH351D 36.0° 85 % 1.720 cd/lm white	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen SAMSUT LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	21.0° 87 % 4.980 cd/lm white ts: VG LH351D 36.0° 85 % 1.720 cd/lm white	

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PHOTOMETRIC DATA (SIMULATED):





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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