

PRODUCT DATASHEET CA11482_LXP2-D

LXP2-D

~14° diffused spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

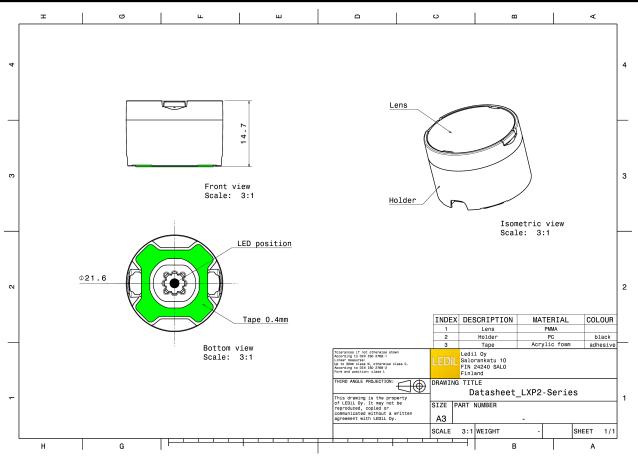
Component	Туре	Material	Colour	Finish
LXP2-D	Single lens	PMMA	clear	
LXP2-LH1-TAPE-BLK	Holder	PC	black	
HEIDI-TAPE	Таре	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11482_LXP2-D	Single lens	1680	336	112	9.4
» Box size: 480 x 280 x 300 mm					



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



PHOTOMETRIC DATA (MEASURED):

	1		
	•		
LED	XP-E		
FWHM / FWTM	14.0° / 32.0°		
Efficiency	92 %		
LEDs/each optic	1		
Light colour	White		
Required componer	its:		
	1		90 ⁴
LED	XP-E2		
FWHM / FWTM	10.0° / 20.0°		78
Efficiency	89 %		
Peak intensity	21.4 cd/lm		60°-
LEDs/each optic	1		
Light colour	White		ay" (1000)
Required componer			
			tsee
			300
			30° 29000 35°
	1		
LED	XP-G		
FWHM / FWTM	16.0°		
Efficiency	94 %		
LEDs/each optic	1		
Light colour	White		
Required componer			
riequieu componei			
	1		
			20 ⁴
LED	XP-G2		20 ⁴
LED FWHM / FWTM	XP-G2 13.0° / 26.0°		
LED FWHM / FWTM Efficiency	XP-G2 13.0° / 26.0° 90 %		
LED FWHM / FWTM Efficiency Peak intensity	XP-G2 13.0° / 26.0° 90 % 11 cd/lm		200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 13.0° / 26.0° 90 % 11 cd/lm 1		200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 13.0° / 26.0° 90 % 11 cd/lm 1 White		2 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 13.0° / 26.0° 90 % 11 cd/lm 1 White		2 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 13.0° / 26.0° 90 % 11 cd/lm 1 White		2 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 13.0° / 26.0° 90 % 11 cd/lm 1 White		32 64



PHOTOMETRIC DATA (MEASURED):

		50° A 90°
LED	XP-G3	
FWHM / FWTM	14.0° / 29.0°	8. 25.
Efficiency	88 %	
Peak intensity	9.6 cd/lm	
LEDs/each optic	1	
Light colour	White	a
Required compone		6430
		30*
		90* 90*
LED	XP-L HI	73'
FWHM / FWTM	12.0° / 25.0°	
Efficiency	88 %	60° 00°
Peak intensity	13 cd/lm	
LEDs/each optic	1	
Light colour Required compone	White	$r \times / 1 \setminus X$
Required compone		
		30 ⁶ 30 ⁶ 30 ⁶
		90* 90*
	XT-E	90°
		90* 90* 73*
LED	XT-E	90 ⁴ 90 ⁴ 90 ⁴ 90 ⁴ 90 ⁴ 90 ⁴
LED FWHM / FWTM	XT-E 11.0° / 29.0°	90* 90* 757 60* 500
LED FWHM / FWTM Efficiency	XT-E 11.0° / 29.0° 88 %	5)* 5)* 6)* 800 800 800 8*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White	90* 97* 73* 60* 500 72* 6*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White	92* 95* 73* 200 02* 94* 200 02* 95* 200 02*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White	97 ⁴ 97 ⁴ 97 ⁴ 90 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White	97 97 60 61 65 65 65 65 65 65 65 65 65 65 65 65 65
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White	91 ⁴ 92 ⁴ 91 ⁴ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts:	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q	30° 55° 56° 10° 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0°	30° 30° 30° 30° 30° 30° 30° 30° 30° 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0° 89 %	30 ⁴ 30 ⁵ 30 ⁴ 30 ⁴ 30 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0° 89 % 11.5 cd/lm 1	30° 30° 30° 30° 30° 30° 30° 30° 30° 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0° 89 % 11.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CONTINUATION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0° 89 % 11.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CONTINUATION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0° 89 % 11.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Compar	XT-E 11.0° / 29.0° 88 % 9 cd/lm 1 White nts: EDS LUXEON Q 12.0° / 26.0° 89 % 11.5 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

ØNICHI		90°
LED	NVSW219D	
FWHM / FWTM	14.0° / 27.0°	
Efficiency	91 %	er. 500
Peak intensity	10.9 cd/lm	
LEDs/each optic	1	
Light colour	White	gr 600 ar
Required compone	nts:	30. 157 0, 157 34
SEOUL SEOUL SEMICONDUCTOR		90°
LED	Z5M1/Z5M2	73
FWHM / FWTM	14.0° / 28.0°	
Efficiency	88 %	60 ³
Peak intensity	12.1 cd/lm	
LEDs/each optic	1	600
Light colour	White	gr et al a second
Required compone	nts:	
		30" 1200 X.



PHOTOMETRIC DATA (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		90 ⁴
LED	Z8Y22P	
FWHM / FWTM	13.0° / 29.0°	
Efficiency	91 %	500 S200
Peak intensity	10.8 cd/lm	
LEDs/each optic	1	
Light colour	White	g* 600 g*
Required component	is:	
		30 ⁴ 25 ⁵ 0 ⁴ 15 ⁵