

PRODUCT DATASHEET CA12392_LXP2-W

LXP2-W

~40° wide beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

SPECIFICATION:

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



MATERIALS:

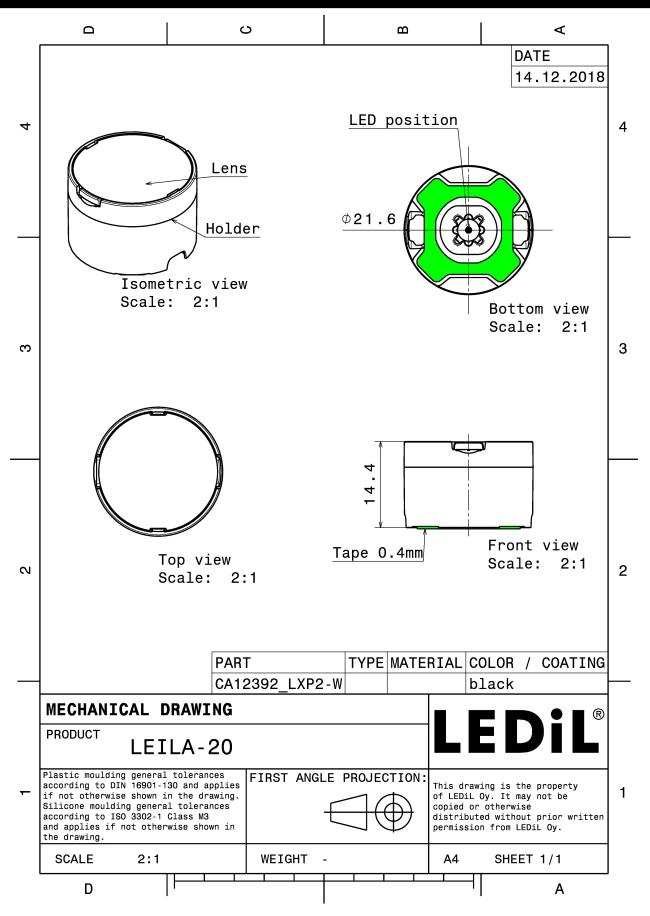
Component	
LXP2-W	
LXP2-LH1-TAPE-BLK	
HEIDI-TAPE	

Туре	Material	Colour	Finish
Single lens	PMMA		
Holder	PC	black	
Таре	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12392_LXP2-W	Single lens	1680	336	112	9.7
» Box size: 480 x 280 x 300 mm					

PRODUCT DATASHEET CA12392_LXP2-W



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





OPTICAL RESULTS (MEASURED):

		90* 90*
LED	XP-E	
FWHM / FWTM	48.0° / 68.0°	75* 75*
Efficiency	90 %	
Peak intensity	1.7 cd/lm	60 ⁵
LEDs/each optic	1	
Light colour	White	gr
Required compone		1220
		1630
		$X \forall X$
		36° 36° 36° 36°
		50* 50*
LED	XP-E2	
FWHM / FWTM	43.0° / 65.0°	28. 29.
Efficiency	87 %	
Peak intensity	1.7 cd/lm	60°
LEDs/each optic	1	
Light colour	White	42, 42,
Required compone		1200
		15° 0° 15°
		90° 90° 35°
	XP-G	
LED	XP-G 43.0° / 64.0°	
LED FWHM / FWTM	XP-G 43.0° / 64.0° 89 %	90 ⁴
LED FWHM / FWTM Efficiency	43.0° / 64.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity	43.0° / 64.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	43.0° / 64.0° 89 % 1.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 64.0° 89 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	43.0° / 64.0° 89 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 64.0° 89 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 64.0° 89 % 1.5 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	43.0° / 64.0° 89 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 64.0° 89 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	43.0° / 64.0° 89 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2 46.0° / 70.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2 46.0° / 70.0° 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE \$ LED FWHM / FWTM Efficiency Peak intensity	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2 46.0° / 70.0° 87 % 1.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2 46.0° / 70.0° 87 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2 46.0° / 70.0° 87 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2 46.0° / 70.0° 87 % 1.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 64.0° 89 % 1.5 cd/lm 1 White nts: XP-G2 46.0° / 70.0° 87 % 1.5 cd/lm 1 White	





OPTICAL RESULTS (MEASURED):

		50* 90*
LED	XP-L HI	
FWHM / FWTM	44.0° / 67.0°	75'
Efficiency	84 %	- 400
Peak intensity	1.5 cd/lm	Elee Eleve
LEDs/each optic	1	
Light colour	White	900 45*
Required compone		
		1220
		304 304
		30" 30 15° <u>1000</u> 35°
		90* 90*
LED	XT-E	
FWHM / FWTM	41.0° / 64.0°	73. 75.
Efficiency	89 %	50°
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	5°
Required compone	nts:	
		X X
		30° 30°
		 15 ⁵ 0 ⁶ 35 ⁵
LUMIL	EDS	90* 90*
LED	LUXEON Q	
FWHM / FWTM	42.0° / 66.0°	
Efficiency	85 %	60° 60°
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	q3 ⁴ 43*
Required compone	nts:	1200
		30* 36*
		15° 0° 15°
SEOUL SEOUL SEMICONDUCTOR		90* 90*
LED	Z5	
FWHM / FWTM	36.0° / 64.0°	73* 75*
Efficiency	93 %	60 ⁶
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	57°
Required compone	nts:	
		1600
		30
1		15° 0° 15°





OPTICAL RESULTS (MEASURED):

EOUL SEMICONDUCTOR		50 ⁴ 59 ³
_ED	Z5M1/Z5M2	
WHM / FWTM	47.0° / 70.0°	
fficiency	86 %	
eak intensity	1.6 cd/lm	
EDs/each optic	1	
ght colour	White	g.
equired compone	ents:	
		12/2
		30° 200
		25° 0° 15°



OPTICAL RESULTS (SIMULATED):

		90* 90*
LED	XHP35.2 HD	
FWHM / FWTM	52.0° / 74.0°	73.
Efficiency	75 %	
Peak intensity	1.1 cd/im	60° 60°
LEDs/each optic	1	
Light colour	White	gr
Required components:		
		30° 15° 30°
		90*
LED	XHP35.2 HI	
FWHM / FWTM	48.0° / 68.0°	
Efficiency	82 %	60°
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	95° 65°
Required components:		
		30-
		15 ⁵ 0 ⁶ 25 ⁵
		994 904 904
LED	LUXEON HL2X	32
LED FWHM / FWTM	LUXEON HL2X 50.0° / 70.0°	25° e ² 15° 30 ² 72 40 40
LED FWHM / FWTM Efficiency	LUXEON HL2X 50.0° / 70.0° 92 %	60 ⁴ 00 ⁴ 00 ⁴
LED FWHM / FWTM Efficiency Peak intensity	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm	10° 10° 90° 90° 30° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1	20 ¹ 0 ² 12 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm	22. 000 002 23. 000 000 23. 000 000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1	22. 000 02. 23. 400 05. 25. 50.4 50.4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1	100 101 25 000 65 25 000 65 25 000 65
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1	22, 0, 12, 0, 12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White ILH351B	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White G LH351B 49.0° / 68.0°	22 24 25 26 26 26 26 26 26 26 26 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White C LH351B 49.0° / 68.0° 91 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White LH351B 49.0° / 68.0° 91 % 1.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White LH351B 49.0° / 68.0° 91 % 1.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White LH351B 49.0° / 68.0° 91 % 1.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White LH351B 49.0° / 68.0° 91 % 1.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2X 50.0° / 70.0° 92 % 1.4 cd/lm 1 White LH351B 49.0° / 68.0° 91 % 1.4 cd/lm 1	





OPTICAL RESULTS (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		55* 55*
LED	Z8Y22P	77
FWHM / FWTM	44.0° / 65.0°	
Efficiency	91 %	er
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	g. a
Required component	ts:	