

PRODUCT DATASHEET CP12395_LXP3-W

LXP3-W

 ${\sim}40^\circ$ wide beam optimized for CREE XP-E. 14.7 mm high assembly.

SPECIFICATION:

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



MATERIALS:

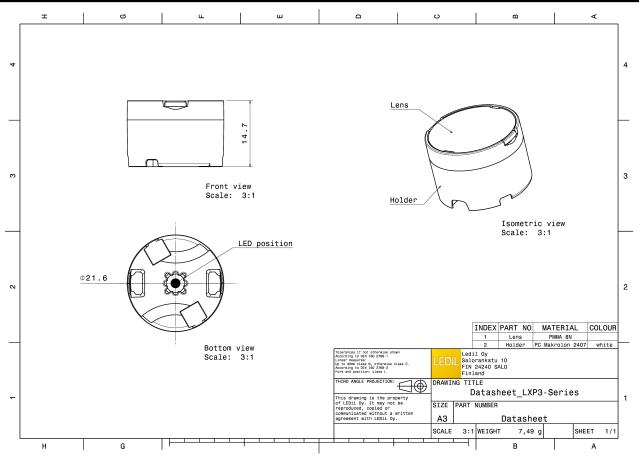
Component	Туре	Material	Colour	Finish
LXP2-W	Single lens	PMMA		
LXP3-LH1-WHT	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12395_LXP3-W	Single lens	1680	336	112	9.5
» 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>



OPTICAL RESULTS (MEASURED):

		90° 90°
LED	XP-E	
FWHM / FWTM	42.0° / 65.0°	73* 73*
Efficiency	92 %	
Peak intensity	1.8 cd/lm	60°-
LEDs/each optic	1	
Light colour	White	a ² at
Required componer		1200
		1600
		30° 30° 30° 30°
		90 ⁴ 90 ⁴
LED	XP-G	
FWHM / FWTM	43.0° / 66.0°	75'
Efficiency	92 %	
Peak intensity	1.7 cd/lm	60°
LEDs/each optic	1	
Light colour	White	42° 45°
Required componer		1230
		1600
		30°
		90* 90*
LEDS	XP-G2	<u>90*</u>
LED LEDS	XP-G2 45.0° / 70.0°	2 ¹ 2 ¹ 2 ¹ 2 ¹
LED FWHM / FWTM	45.0° / 70.0°	90 ⁵ 99 ⁵
LEDs LED FWHM / FWTM Efficiency	45.0° / 70.0° 91 %	60 × 60 × 25 × 26 × 26 × 26 × 26 × 26 × 26 × 26
LEDs LED FWHM / FWTM Efficiency Peak intensity	45.0° / 70.0° 91 % 1.6 cd/m	93 ⁴ 95 ⁴ 95 ⁴ 96 ⁴ 96 ⁴ 96 ⁴
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic	45.0° / 70.0° 91 % 1.6 cd/lm 1	gr
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	45.0° / 70.0° 91 % 1.6 cd/m 1 White	71°
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic	45.0° / 70.0° 91 % 1.6 cd/m 1 White	71°
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	45.0° / 70.0° 91 % 1.6 cd/m 1 White	71°
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	45.0° / 70.0° 91 % 1.6 cd/m 1 White	73*
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	45.0° / 70.0° 91 % 1.6 cd/m 1 White	73*
LEDs FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	45.0° / 70.0° 91 % 1.6 cd/m 1 White	3°
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	45.0° / 70.0° 91 % 1.6 cd/lm 1 White hts:	22- 23- 23- 23- 23- 23- 23- 23-
LEDs ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE	45.0° / 70.0° 91 % 1.6 cd/lm 1 White hts: XP-L HI	22- 23- 23- 23- 23- 23- 23- 23-
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	45.0° / 70.0° 91 % 1.6 cd/lm 1 White hts: XP-L HI 43.0° / 67.0°	No. No. No. No. 100 00 20. No. 100 00 00. No. 000 00. 00.
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LED FWHM / FWTM Efficiency	45.0° / 70.0° 91 % 1.6 cd/lm 1 White hts: XP-L HI 43.0° / 67.0° 91 %	No. No. No. No. 100 00 20. No. 100 00 00. No. 000 00. 00.
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LED FWHM / FWTM Efficiency Peak intensity	45.0° / 70.0° 91 % 1.6 cd/m 1 White hts: XP-L HI 43.0° / 67.0° 91 % 1.6 cd/m	32 60 33 130 61 62 62 63
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	45.0° / 70.0° 91 % 1.6 cd/m 1 White hts: XP-L HI 43.0° / 67.0° 91 % 1.6 cd/m 1	32 60 62 33 130 60 62 61 62 62 62
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	45.0° / 70.0° 91 % 1.6 cd/m 1 White hts: XP-L HI 43.0° / 67.0° 91 % 1.6 cd/m 1 White	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	45.0° / 70.0° 91 % 1.6 cd/m 1 White hts: XP-L HI 43.0° / 67.0° 91 % 1.6 cd/m 1 White	32 60 62 33 133 60 62 61 62 62 62
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LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	45.0° / 70.0° 91 % 1.6 cd/m 1 White hts: XP-L HI 43.0° / 67.0° 91 % 1.6 cd/m 1 White	32 60 33 130 61 62 62 63



OPTICAL RESULTS (MEASURED):

		39 ⁴
LED	XT-E	75
FWHM / FWTM	41.0° / 64.0°	
Efficiency	89 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	g. at
Required compone	ents:	



OPTICAL RESULTS (SIMULATED):

		50° 50°
LED	XQ-E HD	77
FWHM / FWTM	48.0° / 64.0°	
Efficiency	95 %	
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	gr gr.
Required component	ts:	304 155 04 150 Xig



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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