

PRODUCT DATASHEET CA13014_SIRI-DIFF

SIRI-DIFF

~145° wide diffused beam. Assembly with installation tape.

SPECIFICATION:

Dimensions	13.9 x 13.9 mm
Height	5.3 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIALS:

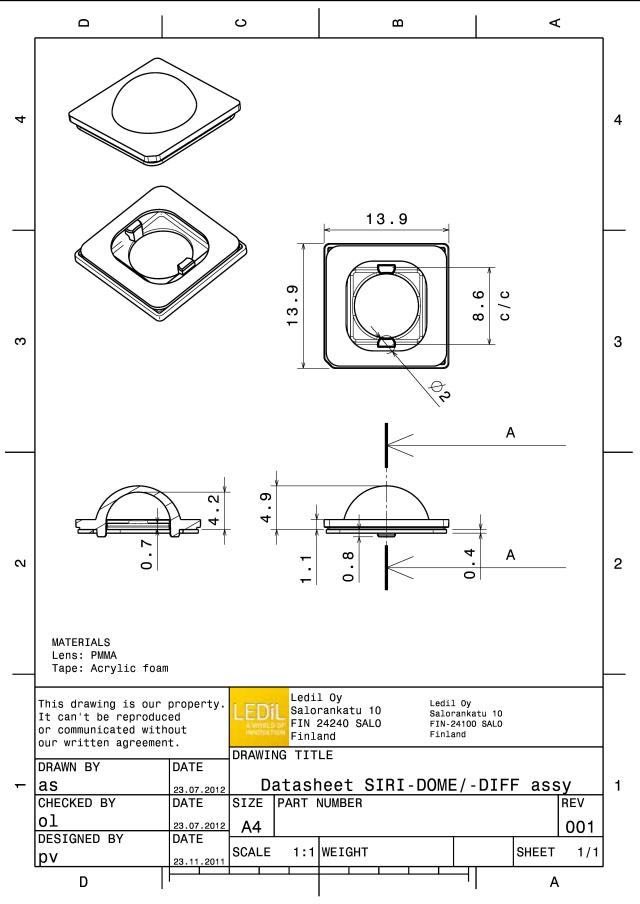
Component	Туре	Material	Colour	Finish
SIRI-DIFF	Single lens	PMMA	clear	
SIRI-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13014_SIRI-DIFF	Single lens	5488	392	196	2.9
» Box size:					



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



OPTICAL RESULTS (MEASURED):

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CREE 🗢 LEI			
LED	XM-L		
FWHM / FWTM	144.0° / 174.0°		
Efficiency	96 %		
LEDs/each optic	1		
Light colour	White		
Required compone	ents:		
	D		50 ⁺
LED	XM-L2		*
FWHM / FWTM	147.0° / 177.0°		750 750
Efficiency	95 %		
Peak intensity	0.2 cd/lm		.50 ⁴ 50 ⁴
LEDs/each optic	1		
LEDs/each optic	1 White		
			45* 200 45*
Required compone	ents:		
			300
			30* 15 ⁵ 0* 15* 30*
		Ledil CA13014_SIRI-DIFF_(XP-G2) / LDC (Linear)	
		Luminaire: Ledil CA13014_SIRI-DIFF_(XP-G2) Lamps: 1 x Cree, XP-G2, (XPCBW/TL1-0000-00FE4) 101278/090250mx CTTL4334K PD-T26V Lap 75A	90* 90*
LED	XP-G2	Luminain: Ledi CA1394 SIRD/FF, (DF-CQ) Lamips: 1 x One, JP-CQ, TDP/GBVT-L1-0008-00FE() 1V1278/mg226/mA_CCT-4954K_P=0.7597.j=0.25A	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM	XP-G2 140.0° / 176.0°	280	39 ⁴ 39 ²
LED FWHM / FWTM Efficiency	XP-G2 140.0° / 176.0° 96 %		
LED FWHM / FWTM Efficiency Peak intensity	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm	280	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1	280 240 200	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White	280	92* 2* 73* 100 00* 45*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White	280 240 200	92 ⁴ 22 ⁴ 73 60 ⁴ 500 60 ⁴ 45 ⁴ 200 55 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White	280 240 200 160 120	90 ⁴ 100 00 ⁴ 100 6 ⁵ 0 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White	280 240 200 150	92 ⁴ 2 ⁵⁴ 75 ⁴ 2 ⁵⁰ 6 ⁵⁴ 6 ⁵⁴ 2 ⁵⁰ 6 ⁵⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White	280 240 200 160 120	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents:	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents:	280 240 200 169 120 80 90 ⁰⁰ 07.5 ^o 45.0 ^o 22.5 ^o 0.0 ^o 22.5 ^o 45.0 ^o 67.5 ^o 90.0 ^o	92 ⁻ 92
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents:	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents:	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED EWHM / FWTM Efficiency	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 %	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 % 0.2 cd/lm	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 % 0.2 cd/lm 1	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
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	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 % 0.2 cd/lm 1 White	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 % 0.2 cd/lm 1 White	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
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	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 % 0.2 cd/lm 1 White	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
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	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 % 0.2 cd/lm 1 White	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	
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	XP-G2 140.0° / 176.0° 96 % 0.3 cd/lm 1 White ents: XT-E 148.0° 95 % 0.2 cd/lm 1 White	280 240 200 160 120 80 90 90 90 90 90 90 90 90 90 90 90 90 90	



OPTICAL RESULTS (MEASURED):

LUMIL	EDS	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	LUXEON A 142.0° % 1 White nts:	
∕∕ NICHI∧	<u> </u>	90° 90
LED	NS9x383	
FWHM / FWTM	139.0° / 175.0°	
Efficiency	94 %	est () 200
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
Raucius		
∕∕ NICHI∧		
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	146.0° / 176.0°	
Efficiency	96 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
OSRAM Opto Semiconductors		
LED	OSLON Square EC	
FWHM / FWTM	132.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
Required compone		
- •		



OPTICAL RESULTS (SIMULATED):

		90° 90°
LED	XP-G2 HE	
FWHM / FWTM	125.0° / 171.0°	75*
Efficiency	95 %	100
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	. 65° 200 65°.
Required components:		
		30* 30
		15° 0° 15°
		90* 90*
LED	Z5M1/Z5M2	
FWHM / FWTM	113.0° / 162.0°	75
Efficiency	95 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	gr. <u>210</u> dz.
Required components:		
		30* 30*
		12, 0, 12,



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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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