

PRODUCT DATASHEET CP12942_LARISA-O-CLIP8

LARISA-O-CLIP8

~40° x 20° oval beam. Clip fastening for 0.8 mm thick PCB.

SPECIFICATION:

Dimensions	9.9 x 9.9 mm
Height	7.5 mm
Fastening	clips
ROHS compliant	yes 🛈



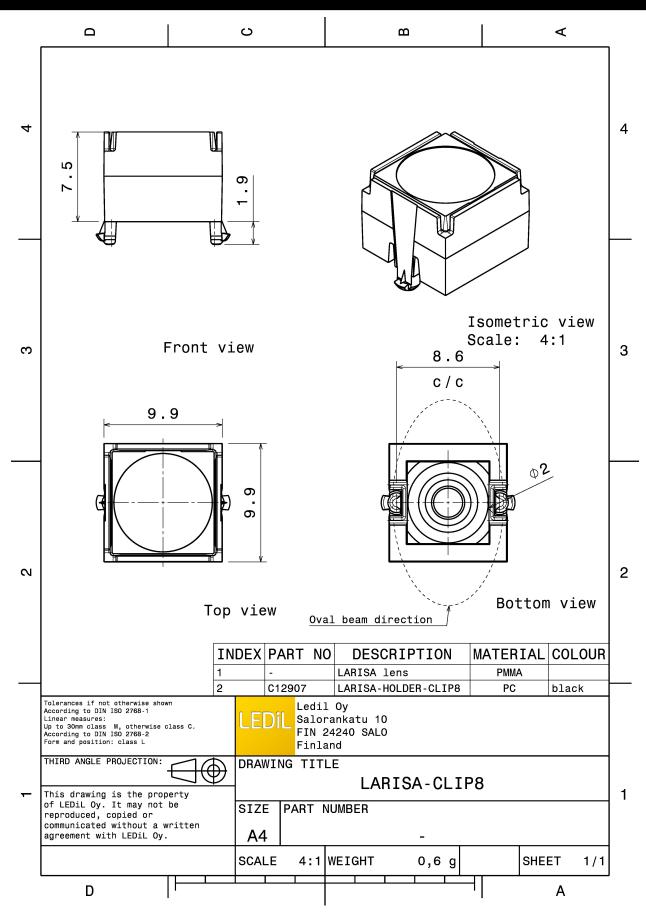
MATERIALS:

Component	Туре	Material	Colour	Finish
LARISA-O	Single lens	PMMA	clear	
LARISA-HOLDER-CLIP8	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12942_LARISA-O-CLIP8	Single lens	10000	300	100	6.8
» Box size: 300 x 250 x 250 mm					

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



			904
LED	XB-D		
FWHM / FWTM	39.0 + 21.0° / 73.0 + 49.0°		
Efficiency	79 %		
Peak intensity	2.2 cd/lm		
LEDs/each optic	1		
Light colour	White		g.
Required compone	nts:		1000
			30.
	-		15°
			90*
LED	XD16		75.
FWHM / FWTM	40.0 + 20.0° / 72.0 + 51.0°		
Efficiency	75 %		60.
Peak intensity	2.1 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	nts:	-	
			36° 15° 0° 15°
	_		
			90*
	XP-G		94*
			37°
LED	XP-G		90 ⁴
LED FWHM / FWTM	XP-G 39.0 + 25.0° / 76.0 + 51.0°		9 ³
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 %		50 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White		50° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White		25. 26. 26. 26. 26.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White		55° 25° 25° 25° 25° 260
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White		95 ⁴ 95 ⁴ 95 ⁴ 95 ⁴ 900 95 ⁴ 900
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White		3% 9% 90 2%* 00 900 3%* 00 900
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts:		25° 0° 13'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts:		25° 0° 13'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0°		20 ⁻ 0 ⁻ 12 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0° 82 %		30 ⁻ 30 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0° 82 % 2.8 cd/lm		30 ⁻ 30 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0° 82 % 2.8 cd/lm 1		30 ⁻ 30 ⁻
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-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0° 82 % 2.8 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0° 82 % 2.8 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	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0° 82 % 2.8 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	XP-G 39.0 + 25.0° / 76.0 + 51.0° 83 % 2.1 cd/lm 1 White nts: XQ-E HD 40.0 + 17.0° / 68.0 + 42.0° 82 % 2.8 cd/lm 1 White		



	EDS	90* 90
LED	LUXEON A	
FWHM / FWTM	39.0 + 26.0° / 78.0 + 55.0°	
Efficiency	81 %	60°
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45
Required componen	ts:	
		1600
		30* 2000 30
	EDS	
	LUXEON Rebel	75
	40.0 + 18.0° / 70.0 + 42.0°	
	84 % 2.7 cd/lm	61° × × × × × × × × × × × × × × × × × × ×
LEDs/each optic	1 White	
0		
Required component	15.	
		36° 35° 36
	EDS	90°
	EDS LUXEON Rebel ES	99*
LED		29 ³
LED	LUXEON Rebel ES	90 ⁴ 90 75 ⁴ 72 60 ⁴ 60
LED FWHM / FWTM Efficiency	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0°	99 ⁴ 92 37 91 92 92 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 %	99* 99 75 75 69* 90 900
LED FWHM / FWTM Efficiency Peak intensity	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White	93* 94 94 95 95 96 96 96 96 96 96 96 96 96 96 96 96 96
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White	27 27 27 27 29 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0° 83 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0° 83 % 2.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0° 83 % 2.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen COMPART Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0° 83 % 2.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0° 83 % 2.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen COMPART Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0° 83 % 2.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen COMPARIANCE Equired componen ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES 39.0 + 25.0° / 77.0 + 54.0° 82 % 2 cd/lm 1 White ts: EDS LUXEON Rebel Plus 40.0 + 19.0° / 69.0 + 46.0° 83 % 2.6 cd/lm 1 White	



	EDS	
LED	LUXEON Z	
FWHM / FWTM	41.0 + 14.0° / 62.0 + 36.0°	
Efficiency	81 %	
Peak intensity	3.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
	EDS	
		90 ⁴
LED	LUXEON Z ES	
FWHM / FWTM	40.0 + 18.0° / 68.0 + 44.0°	
Efficiency	86 %	w w
Peak intensity	2.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		200
ØNICHI∕	1	
LED	NCSxx19A	
FWHM / FWTM	41.0 + 19.0° / 71.0 + 50.0°	
Efficiency	81 %	
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	gr a
Required compone		
		\wedge
		30° 200 30°
ØNICHI/	1	
LED	NF2x757A	
FWHM / FWTM	41.0 + 33.0° / 75.0 + 60.0°	
Efficiency	78 %	
Peak intensity	2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	



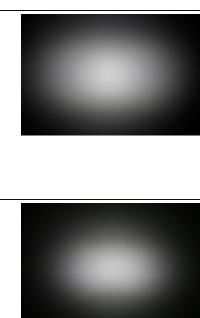
-	*		
X			
N			

LED	NF2x757G
FWHM / FWTM	$42.0+25.0^\circ/80.0+70.0^\circ$
Efficiency	76 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:



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10				

- LED NV FWHM/FWTM 40 Efficiency 79 Peak intensity 1.5 LEDs/each optic 1 Light colour WH Required components:
- NVSxx19A 40.0 + 24.0° / 77.0 + 57.0° 79 % 1.9 cd/lm 1 White nts:



OSRAM Opto Semiconductors

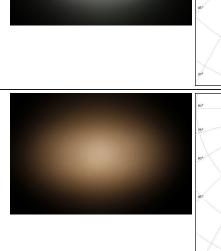
LEDDiFWHM / FWTM26Efficiency85Peak intensity1LEDs/each optic1Light colourWRequired components:

Duris S5 (2 chip) 26.0 + 41.0° / 63.0 + 77.0° 85 % 1.8 cd/lm 1 White

OSRAM Opto Semiconductors

LEDOFWHM / FWTM40Efficiency78Peak intensity2LEDs/each optic1Light colourWRequired components:

OSLON Square EC 40.0 + 22.0° / 74.0 + 55.0° 78 % 2 cd/lm 1 White ts:





OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 150 39.0 + 19.0° / 70.0 + 40.0° 84 % 2.9 cd/lm 1 White ents:	
OSRAM opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 80 40.0 + 17.0° / 70.0 + 48.0° 77 % 2.5 cd/lm 1 White ents:	



OPTICAL RESULTS (SIMULATED):

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	J Series 2835 40.0 + 19.0° / 72.0 + 50.0° 82 % 2.4 cd/lm 1 White	30° 30° 30° 30° 30° 30° 30° 30° 30° 30°
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XQ-E HI 40.0 + 14.0° / 64.0 + 29.0° 89 % 4.1 cd/lm 1 White	30 30 40 50 50 50 50 50 50 50 50 50 5
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxE17A 18.0 + 40.0° / 42.0 + 68.0° 79 % 2.7 cd/lm 1 White	200 60 60 90 90 90 90 90 90 90 90 90 9



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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.

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