

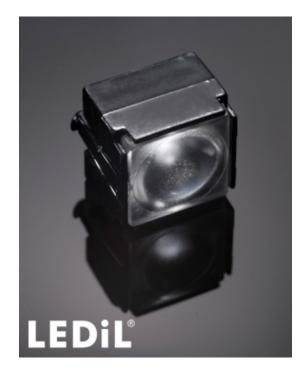
# PRODUCT DATASHEET CP12940\_LARISA-M-CLIP8

# LARISA-M-CLIP8

 ${\sim}30^\circ$  medium beam. Clip fastening for 0.8 mm thick PCB.

## **TECHNICAL SPECIFICATIONS:**

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



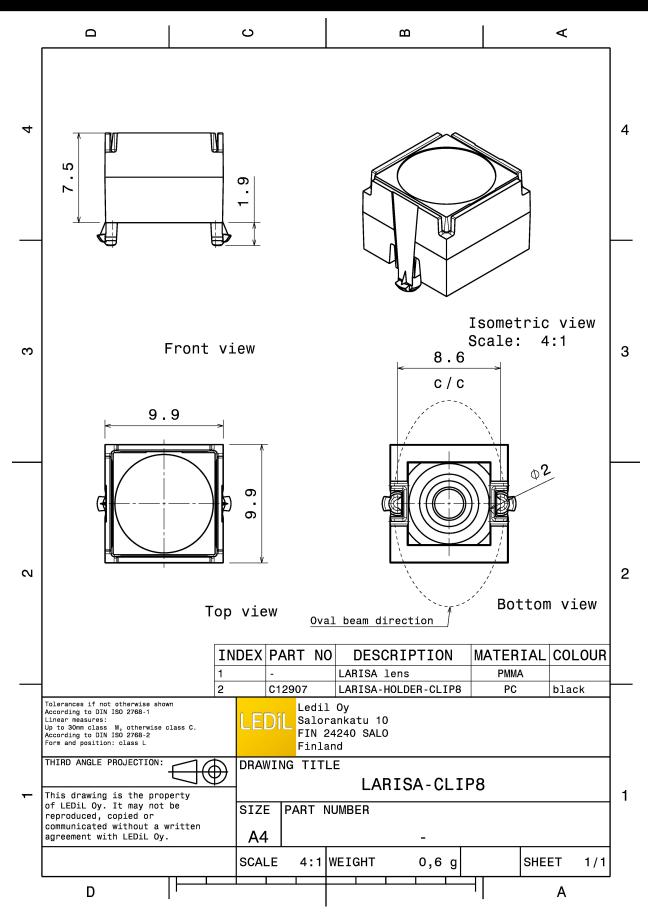
### MATERIAL SPECIFICATIONS:

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

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12940_LARISA-M-CLIP8	Single lens	10000	300	100	6.6
» Box size: 300 x 250 x 250 mm					

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



UREE - 11EL			90* 90
LED	XB-D		
FWHM / FWTM	30.0° / 58.0°		
Efficiency	87 %		
Peak intensity	2.3 cd/lm		60 <sup>4</sup> 60
LEDs/each optic	1		
Light colour	White		azer az
Required compone			1630
			30° 200 30
			15° 0° 15°
			90* 90
LED	XD16		
FWHM / FWTM	27.0° / 57.0°		
Efficiency	74 %		69*
Peak intensity	2.2 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	nts:		1600
			30° 30° 30° 30° 30° 30° 30° 30° 30° 30°
			80*
LED	 XP-G		
FWHM / FWTM	36.0° / 64.0°		735 400
Efficiency	88 %		
Peak intensity	1.9 cd/lm 1		5°
	1.9 cd/lm		97 90 97 97 120
Peak intensity LEDs/each optic	1.9 cd/lm 1 White		e. 120 e
Peak intensity LEDs/each optic Light colour	1.9 cd/lm 1 White		
Peak intensity LEDs/each optic Light colour	1.9 cd/lm 1 White		er 158 159
Peak intensity LEDs/each optic Light colour	1.9 cd/lm 1 White		
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts:		200 200 200 00 00 00 00 00 00 00 00 00 0
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts:		
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD		200 200 200 00 00 00 00 00 00 00 00 00 0
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0°		30 <sup>4</sup> 30 <sup>5</sup>
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0° 86 %		34° 25° 25° X
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0° 86 % 3 cd/lm		
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0° 86 % 3 cd/lm 1		
Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0° 86 % 3 cd/lm 1 White		
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0° 86 % 3 cd/lm 1 White		
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0° 86 % 3 cd/lm 1 White		
Peak intensity LEDs/each optic Light colour Required compone	1.9 cd/lm 1 White nts: XQ-E HD 25.0° / 53.0° 86 % 3 cd/lm 1 White		



LED	XQ-E HI	
FWHM / FWTM	22.0° / 49.0°	
Efficiency	78 %	
Peak intensity	3.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
	EDS	20*
LED	LUXEON A	
FWHM / FWTM	37.0° / 67.0°	7
Efficiency	86 %	
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	ga,
Required compone		
		257 00 155
UMIL	EDS	30*
LED	LUXEON Rebel	
FWHM / FWTM	26.0° / 53.0°	77
Efficiency	88 %	
Peak intensity	3 cd/lm	
LEDs/each optic	1	
Light colour	White	gr at
Required compone	nts:	
		200
		30
<i>(</i> <b>)</b>	EDC	15 <sup>4</sup> 200 15 <sup>4</sup>
LUMIL	EUS	50° 50°
LED	LUXEON Rebel ES	
FWHM / FWTM	35.0° / 64.0°	
Efficiency	87 %	
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour	White	9 <sup>7</sup> - 120 - 17
Required compone	nts:	
		16.14
		34" 2000 30
		10 <sup>5</sup> 0 <sup>4</sup> 15 <sup>5</sup>



	FDS	
LED	LUXEON Z	
FWHM / FWTM	19.0° / 42.0°	
Efficiency	84 %	
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
UMIL	EDS	99* 90
LED	LUXEON Z ES	72 78
FWHM / FWTM	24.0° / 50.0°	0 000
Efficiency	88 %	69 <sup>4</sup>
Peak intensity	3.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	200
		30. 300
		90 <sup>4</sup>
LED	NCSxx19A	77
FWHM / FWTM	27.0° / 57.0°	
Efficiency	84 %	80 <sup>6</sup> 600 -
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	
		20 <sup>4</sup> 20 <sup>3</sup> 30 <sup>4</sup>
ØNICHI∕	L .	
LED	NF2x757A	
FWHM / FWTM	31.0° / 62.0°	
Efficiency	84 %	
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	



<b>ØNICHI</b>			
LED	- NF2x757G		
FWHM / FWTM	34.0° / 70.0°		
Efficiency	80 %		
Peak intensity	1.6 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone			
	10.		
<b>ØNICHI</b>		99 <sup>2</sup>	90*
LED	NVSxx19A		
FWHM / FWTM	34.0° / 65.0°		25
Efficiency	84 %		
Peak intensity	1.9 cd/lm		60
LEDs/each optic	1		
Light colour	White	g.	45*
Required compone			
rtoquirou compone			
		350	
		30 <sup>5</sup> 2000 15 <sup>4</sup>	30*
OSRAM Opto Semiconductors		392	90°
LED	Duris S5 (2 chip)		
FWHM / FWTM	34.0° / 66.0°	75	25*
Efficiency	80 %		
Peak intensity	1.9 cd/lm	68 <sup>4</sup>	60,
LEDs/each optic	1		
Light colour	White	gr 1200	45*
Required compone			
- 1			
			36,
		20 20 20 20 0 * 15*	30
OSRAM		90*	90"
Opto Semiconductors	OSLON Square EC		
FWHM / FWTM	31.0° / 63.0°	73	75'
Efficiency	83 %		
Peak intensity	83 % 2 cd/lm	60 <sup>1</sup> 000	60.
LEDs/each optic	2 co/im 1		
LEDS/each optic	1 White	a de la constante de	45"
Required compone			
required compone	115.		



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OSRAM Opto Semiconductors		90°
LED	OSLON SSL 150	77
FWHM / FWTM	30.0° / 54.0°	$\uparrow \land \land \land \uparrow$
Efficiency	88 %	60° 60°
Peak intensity	2.6 cd/lm	$r \sim / / / \sim 1$
LEDs/each optic	1	
Light colour	White	97° - 1630 - 45*
Required compone	nts:	
		2630
		30° 30° 30°
OSRAM		
Opto Semiconductors		90* 90*
LED	OSLON SSL 80	75"
FWHM / FWTM	25.0° / 56.0°	
Efficiency	82 %	60° 60°
Peak intensity	2.9 cd/lm	
LEDs/each optic	1	
Light colour	White	gs
Required compone	nts:	2139
		30° 30° 35°



# PHOTOMETRIC DATA (SIMULATED):

<b>Ø</b> NICHIΛ		90°
LED	NCSxE17A	75
FWHM / FWTM	24.0° / 49.0°	
Efficiency	84 %	60° 60°
Peak intensity	3.5 cd/lm	$\times$
LEDs/each optic	1	
Light colour	White	gr <sup>4</sup>
Required components:		200



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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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