

PRODUCT DATASHEET CP15309_LARISA-RZ-PIN

LARISA-RZ-PIN

 ${\sim}25^\circ$ diffused beam and holder with location pins

SPECIFICATION:

Dimensions	9.9 x 9.9 mm
Height	7.5 mm
Fastening	glue, pin
ROHS compliant	yes 🛈



MATERIALS:

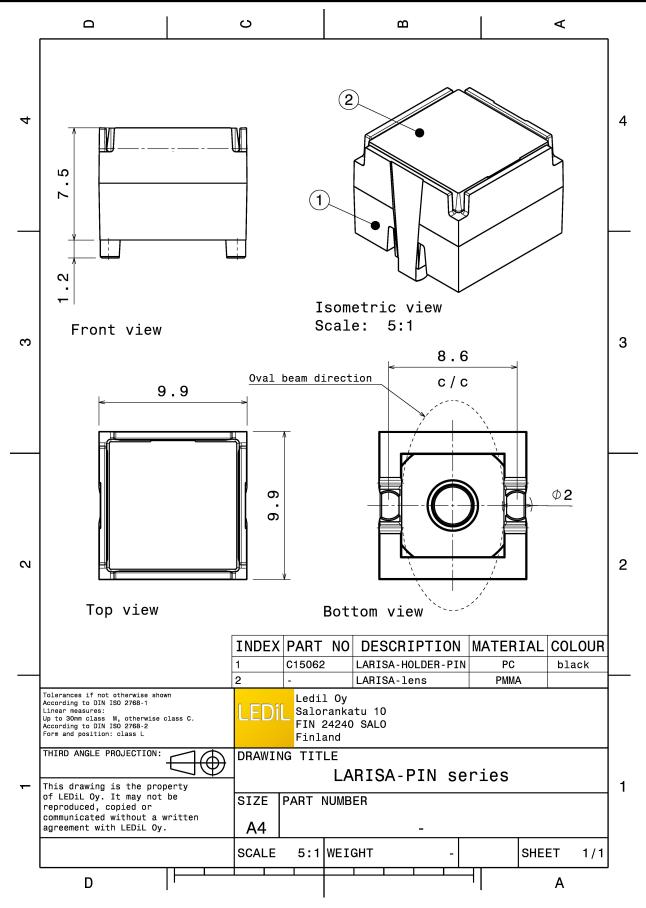
Component	Туре	Material	Colour	Finish
LARISA-RZ	Single lens	PMMA	clear	
LARISA-HOLDER-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP15309_LARISA-RZ-PIN	Single lens	10000	300	100	7.1
» Box size: 300 x 250 x 250 mm					



PRODUCT DATASHEET CP15309_LARISA-RZ-PIN



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



OPTICAL RESULTS (MEASURED):

		90 ⁴ 90 ⁴
LED	XD16	
FWHM / FWTM	26.0° / 57.0°	70
Efficiency	66 %	
Peak intensity	1.9 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	et 1200
Required componer	nts:	
		100
		30* 2000 30*
CREE ÷		1277 Of 1254
		90*
	XQ-E HD	77
FWHM / FWTM	24.0° / 53.0° 77 %	
Efficiency Peak intensity	77 % 2.6 cd/lm	60° × × 60°
LEDs/each optic	2.6 Cd/lm 1	
LEDs/each optic	1 White	5° 2000 er
Required componer		
		200
		30* 30* 30*
		90 ⁴ 90 ⁴
	ХQ-Е НІ	
CREE ÷ LED FWHM / FWTM	XQ-E HI 22.0° / 47.0°	30°
LED		
LED FWHM / FWTM	22.0° / 47.0°	70
LED FWHM / FWTM Efficiency	22.0° / 47.0° 72 %	60°
LED FWHM / FWTM Efficiency Peak intensity	22.0° / 47.0° 72 % 2.9 cd/lm	70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 47.0° 72 % 2.9 cd/lm 1 White	60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 47.0° 72 % 2.9 cd/lm 1 White	60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 47.0° 72 % 2.9 cd/lm 1 White	25 61 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 47.0° 72 % 2.9 cd/lm 1 White	25 61 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts:	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	22.0° / 47.0° 72 % 2.9 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C 26.0° / 51.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPARTING LED FWHM / FWTM Efficiency	22.0° / 47.0° 72 % 2.9 cd/m 1 White nts: EDS LUXEON C 26.0° / 51.0° 73 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPARTING LED FWHM / FWTM Efficiency Peak intensity	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C 26.0° / 51.0° 73 % 2.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C 26.0° / 51.0° 73 % 2.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CONTREMENTION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C 26.0° / 51.0° 73 % 2.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C 26.0° / 51.0° 73 % 2.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CONTREMENTION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C 26.0° / 51.0° 73 % 2.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPACTION Required componer ELUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 47.0° 72 % 2.9 cd/lm 1 White nts: EDS LUXEON C 26.0° / 51.0° 73 % 2.6 cd/lm 1 White	



OPTICAL RESULTS (MEASURED):

	FDC	
	LUXEON Z	<u>16.</u> 20.
FWHM / FWTM	21.0° / 47.0°	on A
Efficiency	74 % 3.2 cd/lm	60× 62×
Peak intensity		
LEDs/each optic	1 White	
Light colour Required compone		
Required compone		
		\times / \setminus / \times
		24
	EDS	
		90 ⁴ 90 ⁴
LED	LUXEON Z ES	75
FWHM / FWTM	26.0° / 62.0°	
Efficiency	71 %	
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		1500
		30° 2000 30° 15° 4° 55°
ØNICHI		<u>10</u> , 10, 10, 10, 10, 10, 10, 10, 10, 10, 10
LED	NCSxE17A	
LED FWHM / FWTM	NCSxE17A 26.0° / 60.0°	75
FWHM / FWTM	26.0° / 60.0°	
FWHM / FWTM Efficiency	26.0° / 60.0° 60 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	26.0° / 60.0° 60 % 1.8 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	26.0° / 60.0° 60 % 1.8 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	26.0° / 60.0° 60 % 1.8 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	26.0° / 60.0° 60 % 1.8 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	26.0° / 60.0° 60 % 1.8 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0°	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0° 60 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0°	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0° 60 % 1.5 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0° 60 % 1.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0° 60 % 1.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0° 60 % 1.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	26.0° / 60.0° 60 % 1.8 cd/lm 1 White nts: NVSxE21A 28.0° / 65.0° 60 % 1.5 cd/lm 1 White	



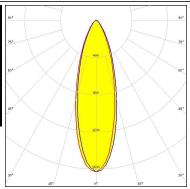
OPTICAL RESULTS (MEASURED):

OSRAM

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required compone

Duris S5 (2 chip) 32.0° / 70.0° 72 % 1.6 cd/lm 1 White ents:







PRODUCT DATASHEET CP15309 LARISA-RZ-PIN

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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy