LARISA-RZ-CLIP16

~25° diffused beam. Clip fastening for 1.6 mm thick PCB



SPECIFICATION:

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

MATERIALS:

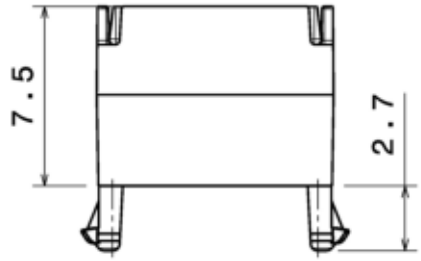
Component	Type	Material	Colour	Finish	Length (mm)
LARISA-RZ	Single lens	PMMA	clear		
LARISA-HOLDER-CLIP16	Holder	PC	black		

ORDERING INFORMATION:

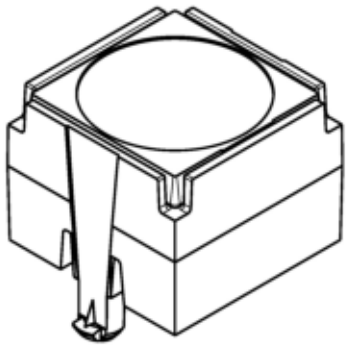
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP13666_LARISA-RZ-CLIP16 » Box size: 300 x 250 x 250 mm	Single lens	10000	300	100	6.6

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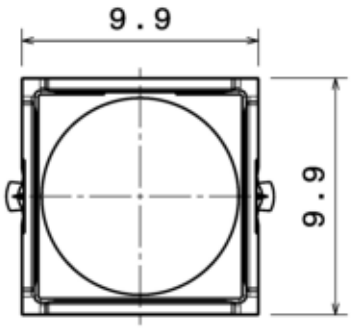
Designed for the following pin hole dimensions: Hole diameter 1.95mm
Hole distance 8.6mm
PCB thickness 1.6mm



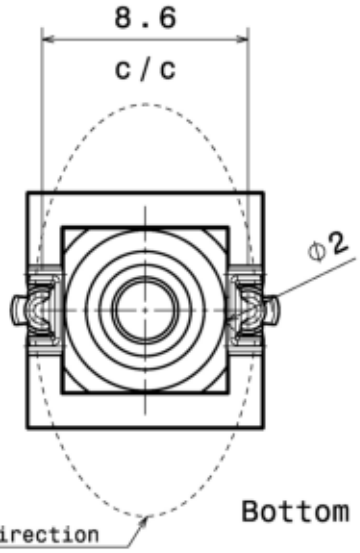
Front view



Isometric view
Scale: 4:1



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LARISA lens	PMMA	
2	C12908	LARISA-HOLDER-CLIP16	PC	black

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

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THIRD ANGLE PROJECTION:

DRAWING TITLE
LARISA-CLIP16 series

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SIZE A4 | PART NUMBER -

SCALE 4:1 | WEIGHT 0,6 g | SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XB-D
FWHM / FWTM	27.0° / 59.0°
Efficiency	73 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

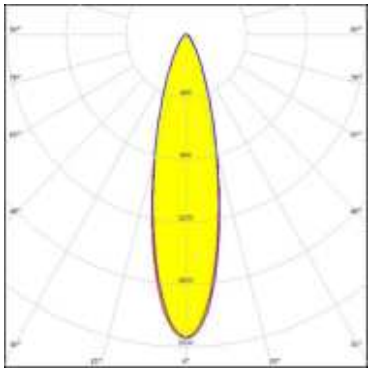


Light distribution files

CREE LEDs

LED	XD16
FWHM / FWTM	26.0° / 57.0°
Efficiency	66 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



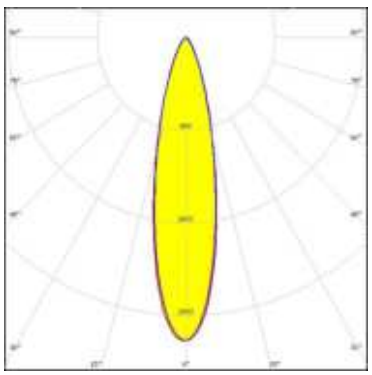


Light distribution files

CREE LEDs

LED	XQ-E HD
FWHM / FWTM	24.0° / 53.0°
Efficiency	77 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





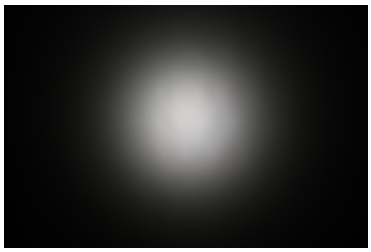
Light distribution files

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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XQ-E HI
FWHM / FWTM	22.0° / 48.0°
Efficiency	70 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON Z
FWHM / FWTM	22.0° / 50.0°
Efficiency	75 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

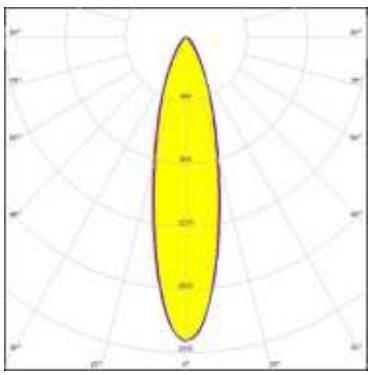


Light distribution files

LUMILEDS

LED	LUXEON Z ES
FWHM / FWTM	26.0° / 62.0°
Efficiency	71 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

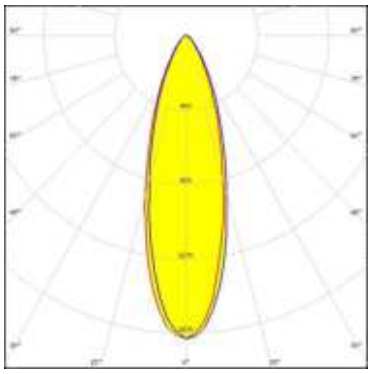
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OPTICAL RESULTS (MEASURED):

OSRAM

LED	Duris S5 (2 chip)
FWHM / FWTM	32.0° / 70.0°
Efficiency	72 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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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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