LARISA-M-CLIP8

~30° 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

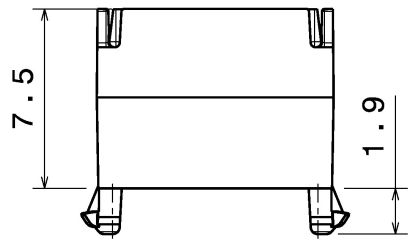
MATERIAL SPECIFICATIONS:

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

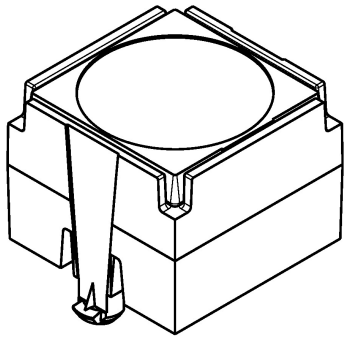
ORDERING INFORMATION:

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

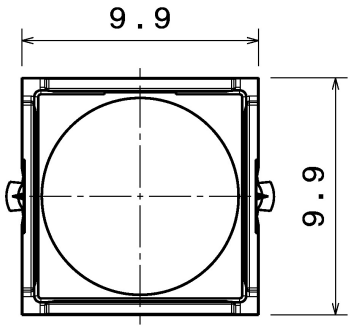
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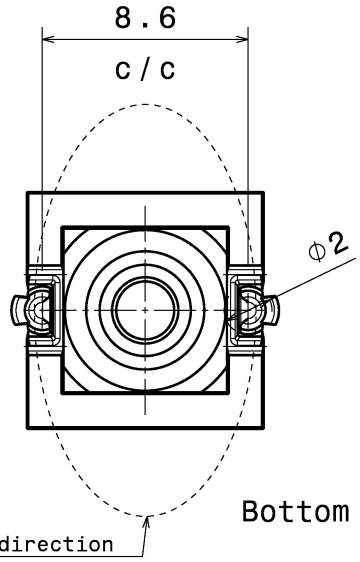
Front view



Isometric view
Scale: 4:1



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LARISA lens	PMMA	
2	C12907	LARISA-HOLDER-CLIP8	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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LARISA-CLIP8

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SIZE A4 | PART NUMBER -

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

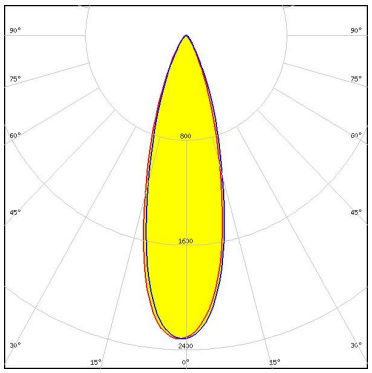
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE LED

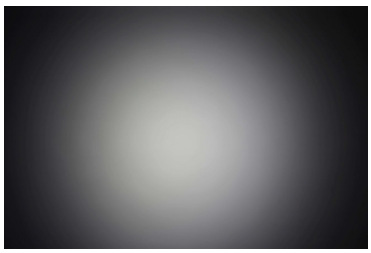
LED	XB-D
FWHM / FWTM	30.0° / 58.0°
Efficiency	87 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

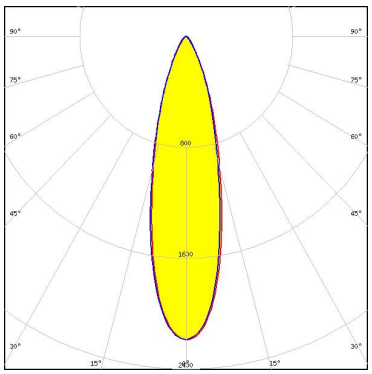




CREE LED

LED	XD16
FWHM / FWTM	27.0° / 57.0°
Efficiency	74 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

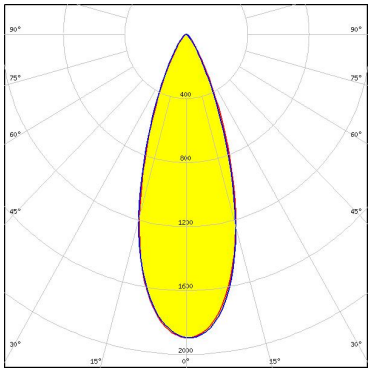




CREE LED

LED	XP-G
FWHM / FWTM	36.0° / 64.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

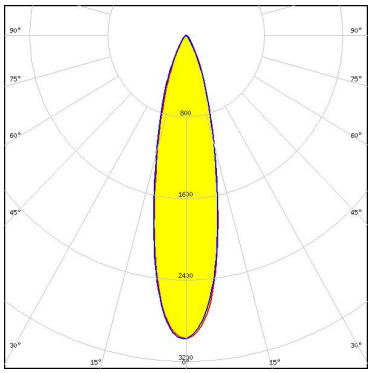




CREE LED

LED	XQ-E HD
FWHM / FWTM	25.0° / 53.0°
Efficiency	86 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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PHOTOMETRIC DATA (MEASURED):

CREE LED

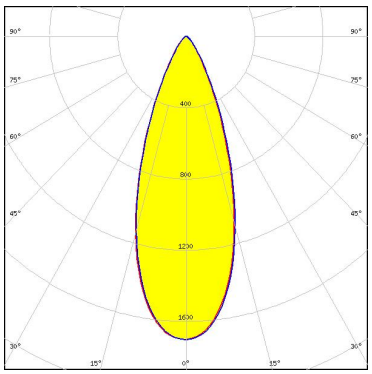
LED	XQ-E HI
FWHM / FWTM	22.0° / 49.0°
Efficiency	78 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON A
FWHM / FWTM	37.0° / 67.0°
Efficiency	86 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

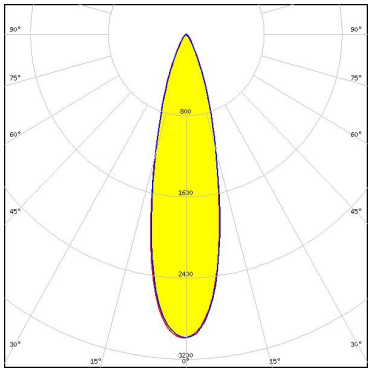




LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	26.0° / 53.0°
Efficiency	88 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

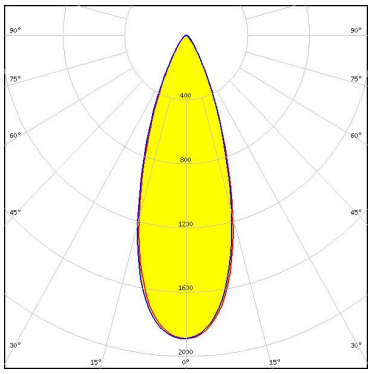




LUMILEDS

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
Required components:	





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PHOTOMETRIC DATA (MEASURED):

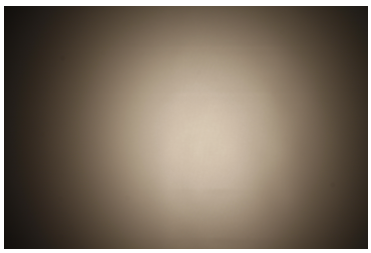
LUMILEDS

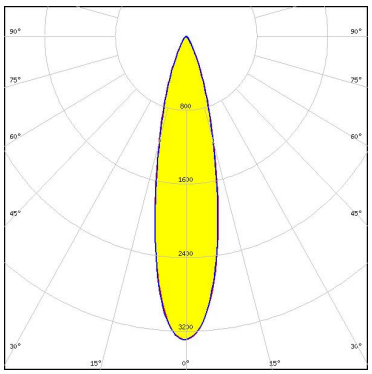
LED	LUXEON Z
FWHM / FWTM	19.0° / 42.0°
Efficiency	84 %
Peak intensity	5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON Z ES
FWHM / FWTM	24.0° / 50.0°
Efficiency	88 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

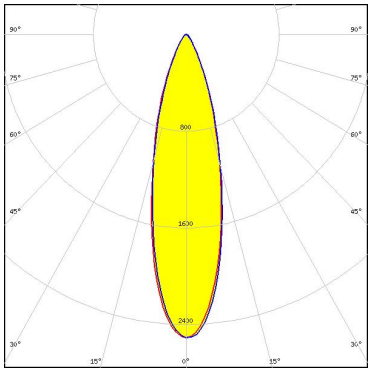




NICHIA

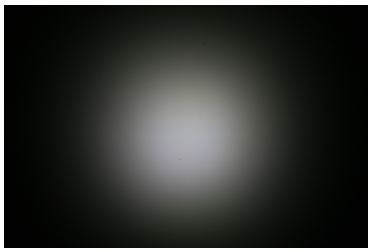
LED	NCSxx19A
FWHM / FWTM	27.0° / 57.0°
Efficiency	84 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





NICHIA

LED	NF2x757A
FWHM / FWTM	31.0° / 62.0°
Efficiency	84 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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PHOTOMETRIC DATA (MEASURED):

NICHIA

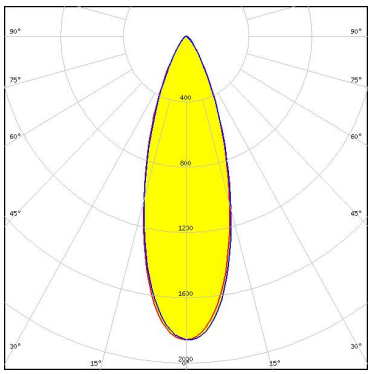
LED	NF2x757G
FWHM / FWTM	34.0° / 70.0°
Efficiency	80 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxx19A
FWHM / FWTM	34.0° / 65.0°
Efficiency	84 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

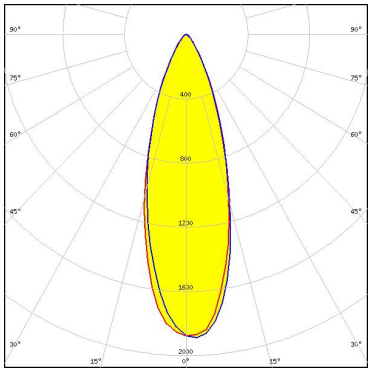




OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM / FWTM	34.0° / 66.0°
Efficiency	80 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

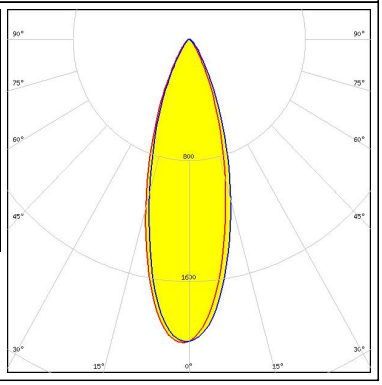




OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	31.0° / 63.0°
Efficiency	83 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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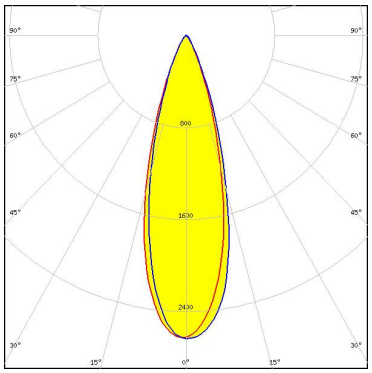
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	30.0° / 54.0°
Efficiency	88 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

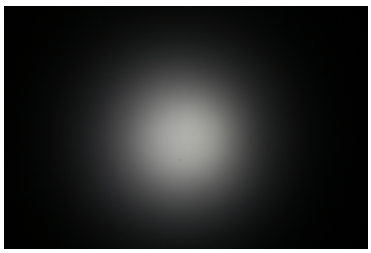


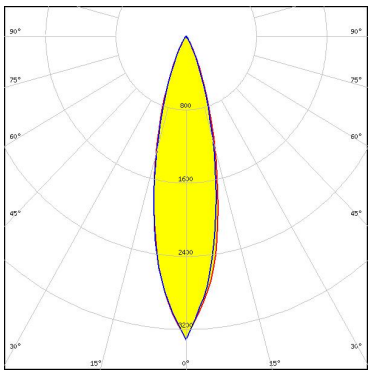


OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	25.0° / 56.0°
Efficiency	82 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



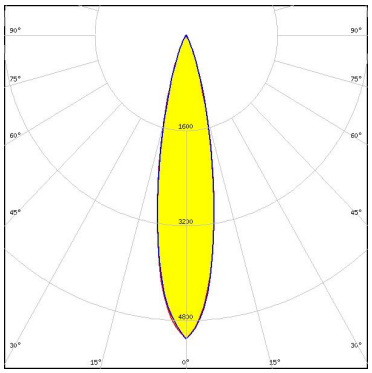


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PHOTOMETRIC DATA (SIMULATED):

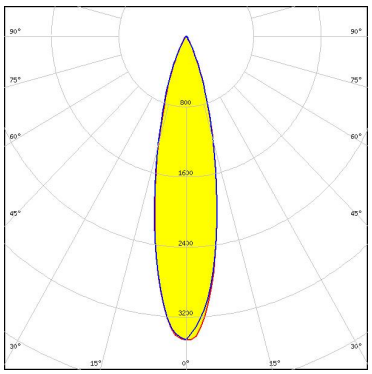
LUMILEDS

LED	LUXEON Rubix
FWHM / FWTM	22.0° / 42.0°
Efficiency	95 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NCSxE17A
FWHM / FWTM	24.0° / 49.0°
Efficiency	84 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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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