LARISA-O-CLIP8

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



TECHNICAL SPECIFICATIONS:

Dimensions	9.9 mm
Height	7.5 mm
Fastening	clips
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	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 » Box size: 300 x 250 x 250 mm	Single lens	10000	300	100	6.8

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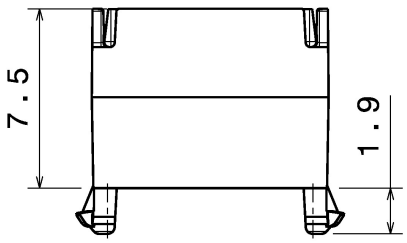
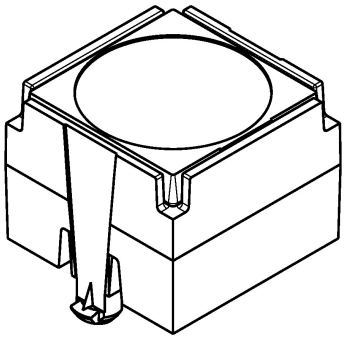
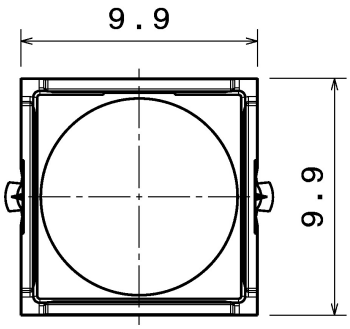


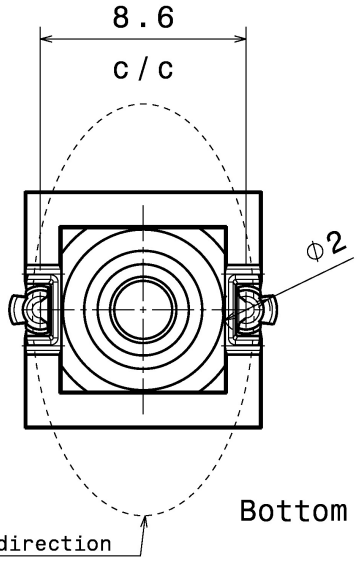
Front view



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 -

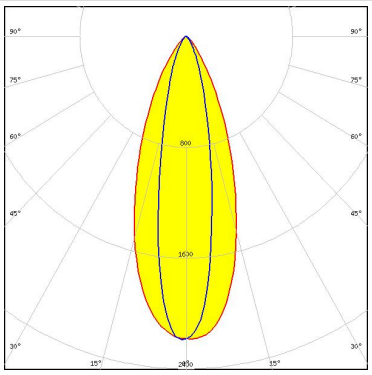
SCALE 4:1 | WEIGHT 0,6 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

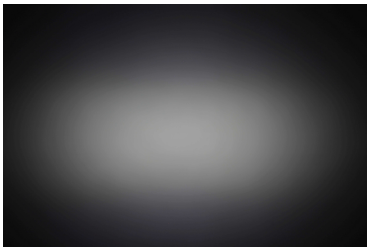
LED	XB-D
FWHM	39.0 + 21.0°
Efficiency	79 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

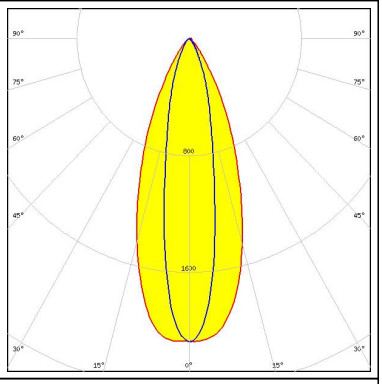




CREE

LED	XD16
FWHM	40.0 + 20.0°
Efficiency	75 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

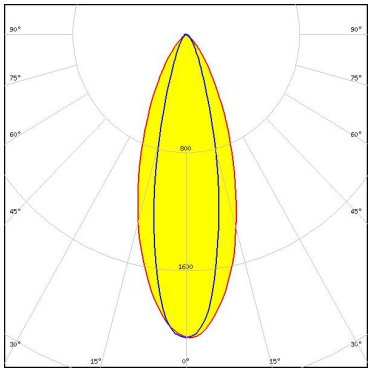




CREE

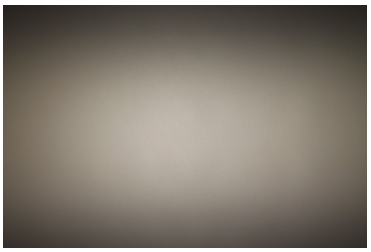
LED	XP-G
FWHM	39.0 + 25.0°
Efficiency	83 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

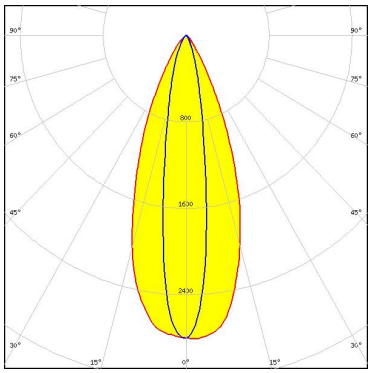




CREE

LED	XQ-E HD
FWHM	40.0 + 17.0°
Efficiency	82 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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PHOTOMETRIC DATA (MEASURED):

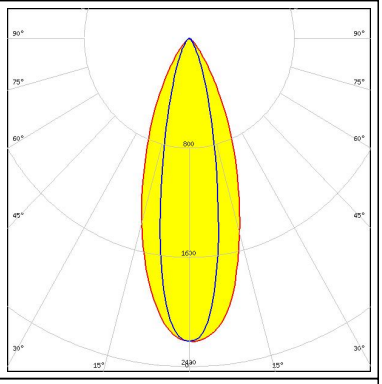
CREE

LED	XQ-E HI
FWHM	41.0 + 14.0°
Efficiency	76 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



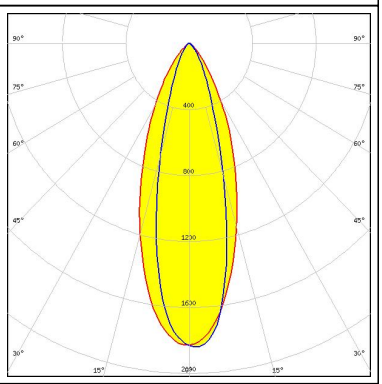
LG Innotek

LED	H35B0 (LEMWA32)
FWHM	38.0 + 22.0°
Efficiency	82 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LG Innotek

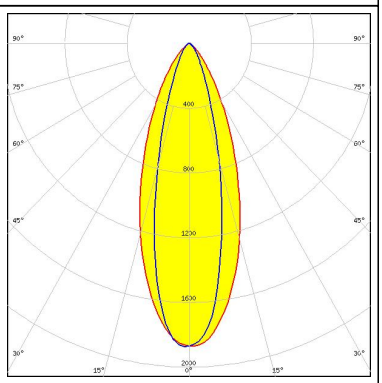
LED	H35C0 (LEMWA33)
FWHM	39.0 + 27.0°
Efficiency	81 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON A
FWHM	39.0 + 26.0°
Efficiency	81 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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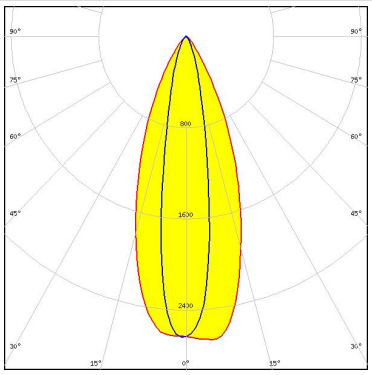
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM	40.0 + 18.0°
Efficiency	84 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

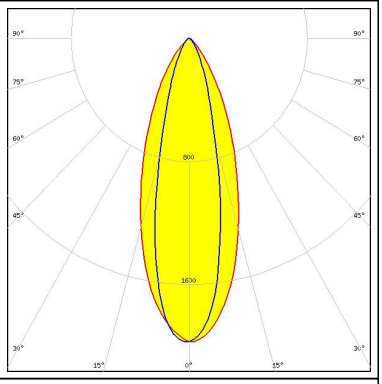




LUMILEDS

LED	LUXEON Rebel ES
FWHM	39.0 + 25.0°
Efficiency	82 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

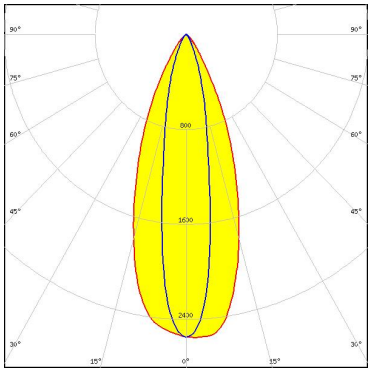




LUMILEDS

LED	LUXEON Rebel Plus
FWHM	40.0 + 19.0°
Efficiency	83 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





LUMILEDS

LED	LUXEON Z
FWHM	41.0 + 14.0°
Efficiency	81 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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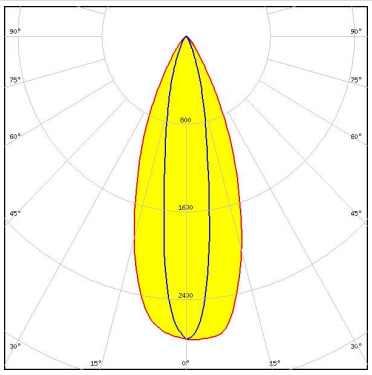
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Z ES
FWHM	40.0 + 18.0°
Efficiency	86 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

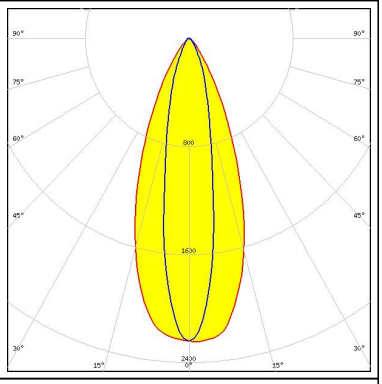




NICHIA

LED	NCSxx19A
FWHM	41.0 + 19.0°
Efficiency	81 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





NICHIA

LED	NF2x757A
FWHM	41.0 + 33.0°
Efficiency	78 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NF2x757G
FWHM	42.0 + 25.0°
Efficiency	76 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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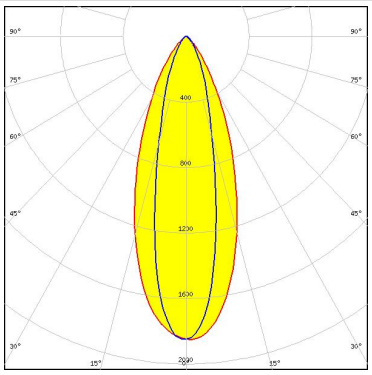
PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NVSxx19A
FWHM	40.0 + 24.0°
Efficiency	79 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

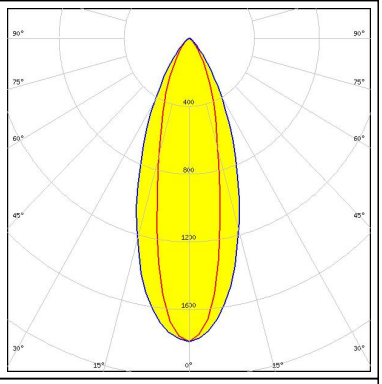




OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	26.0 + 41.0°
Efficiency	85 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

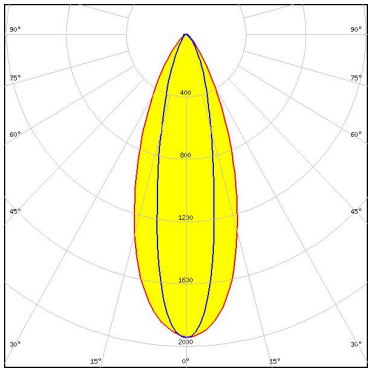




OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM	40.0 + 22.0°
Efficiency	78 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

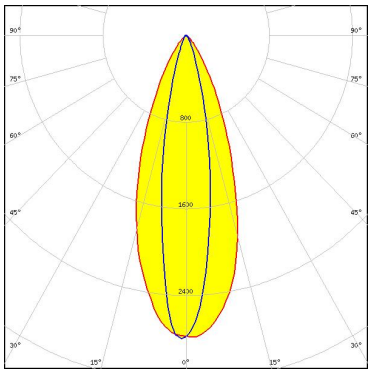




OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM	39.0 + 19.0°
Efficiency	84 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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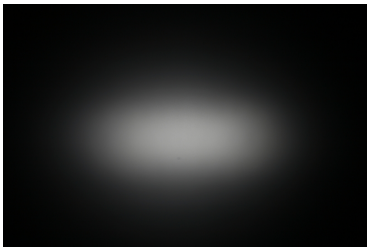
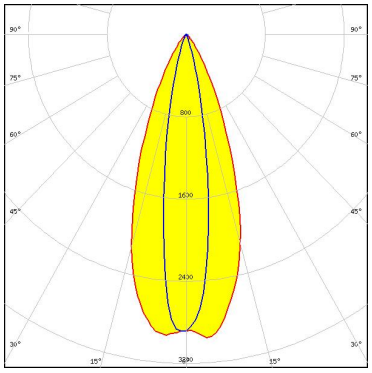
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM	40.0 + 17.0°
Efficiency	77 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:





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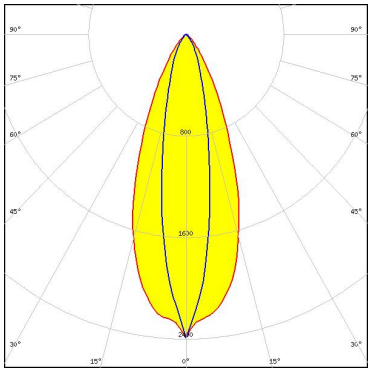
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	J Series 2835
FWHM	40.0 + 19.0°
Efficiency	82 %
Peak intensity	2.4 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.

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.

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