

LARISA-RS-CLIP16

~19° real spot beam. Clip fastening for 1.6 mm thick PCB

TECHNICAL SPECIFICATIONS:

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

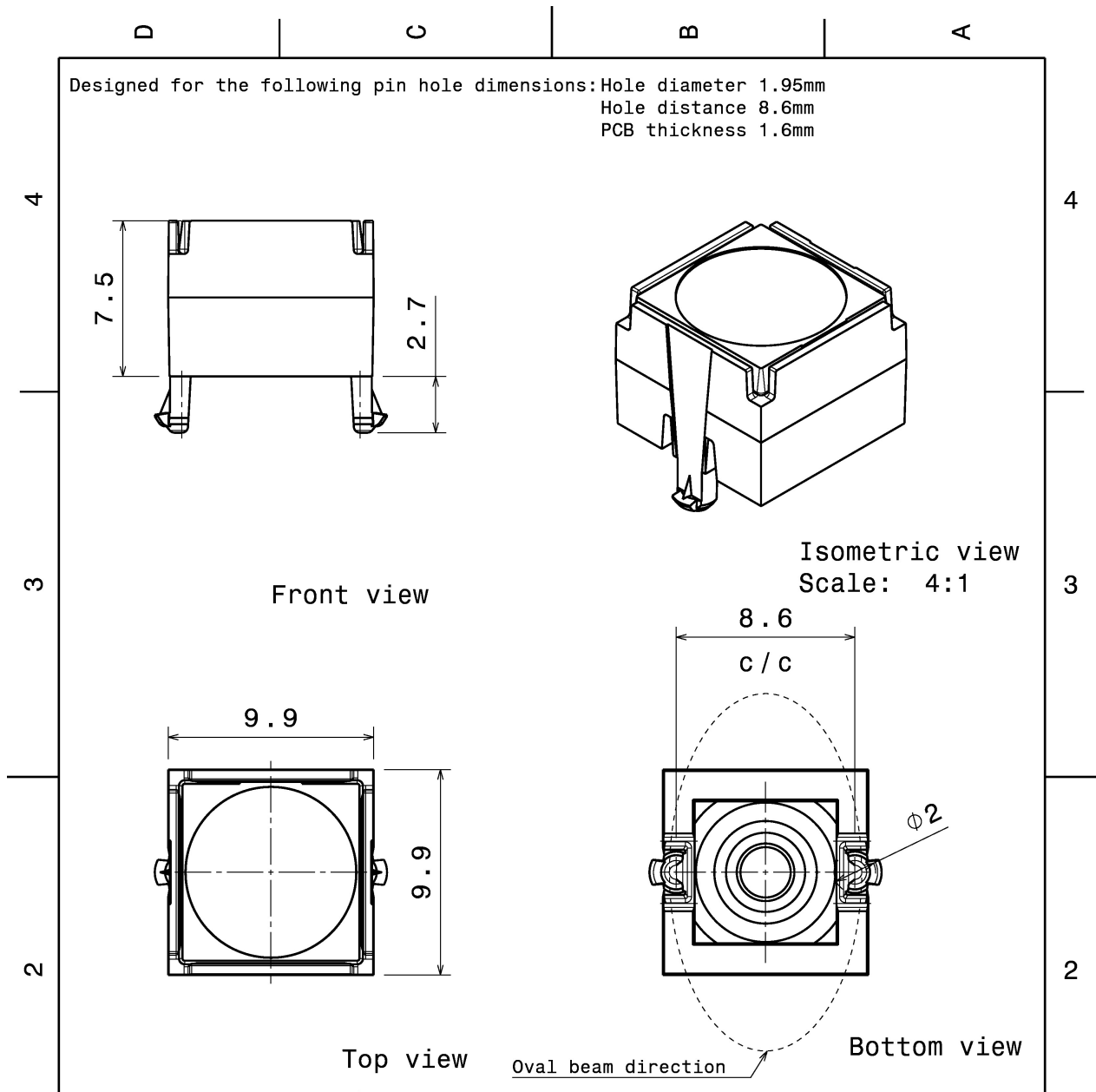
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LARISA-RS	Single lens	PMMA	clear	
LARISA-HOLDER-CLIP16	Holder	PC	black	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12939_LARISA-RS-CLIP16	Single lens	10000	300	100	5.8
» Box size: 300 x 250 x 250 mm					



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

LEDiL

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Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

LARISA-CLIP16 series

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SIZE PART NUMBER

A4

0,6 g

SCALE

4:1

WEIGHT

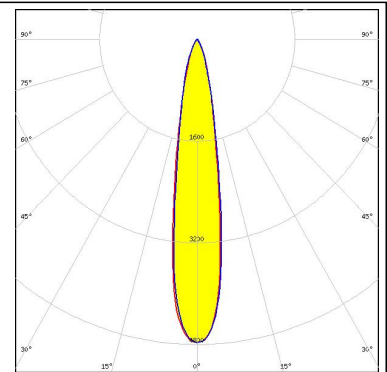
SHEET

1/1

PHOTOMETRIC DATA (MEASURED):

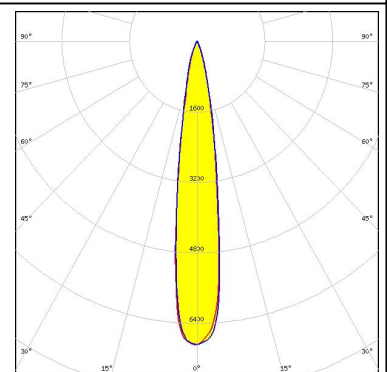
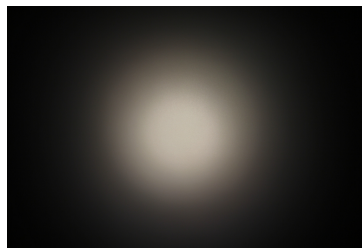
CREE

LED XD16
 FWHM 18.0°
 Efficiency 80 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



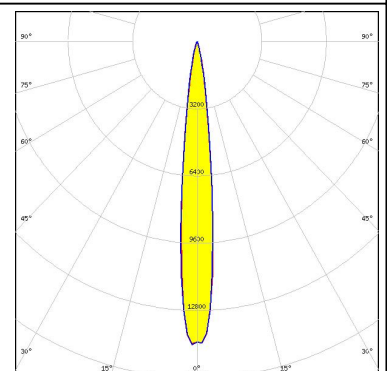
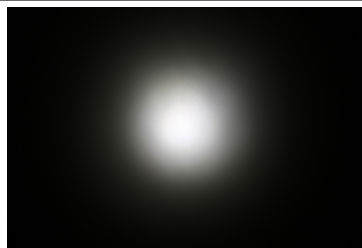
CREE

LED XQ-E HD
 FWHM 16.0°
 Efficiency 86 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



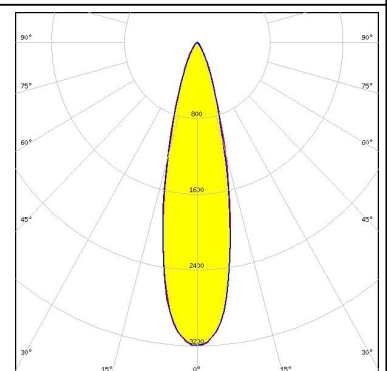
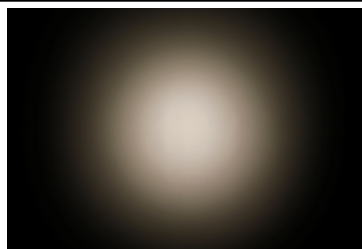
CREE

LED XQ-E HI
 FWHM 11.0°
 Efficiency 80 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

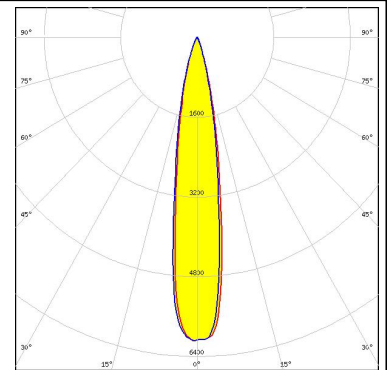
LED LUXEON A
 FWHM 26.0°
 Efficiency 89 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON C
 FWHM 17.0°
 Efficiency 86 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



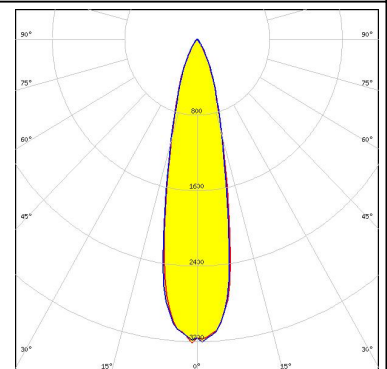
LUMILEDS

LED LUXEON Rebel
 FWHM 20.0°
 Efficiency 90 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



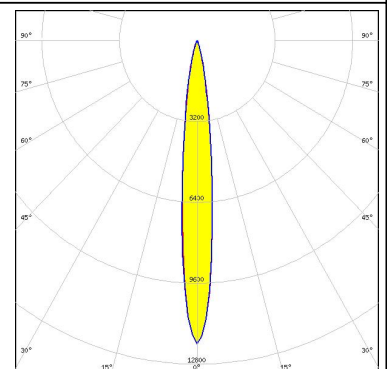
LUMILEDS

LED LUXEON Rebel ES
 FWHM 24.0°
 Efficiency 88 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


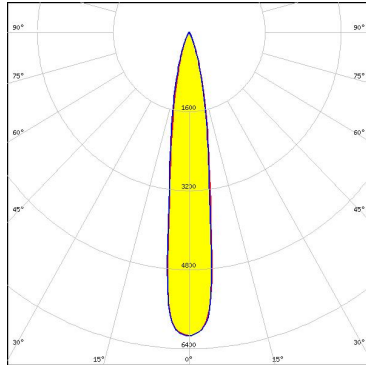
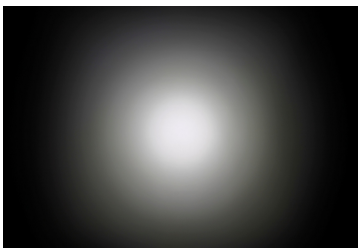
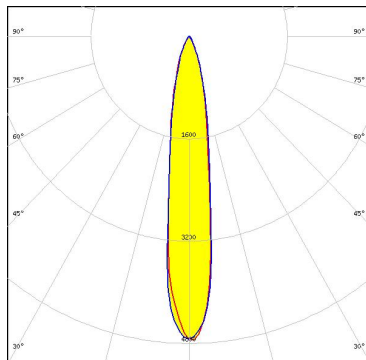

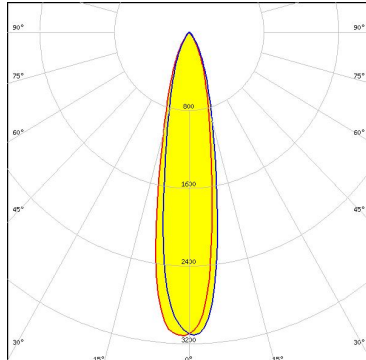

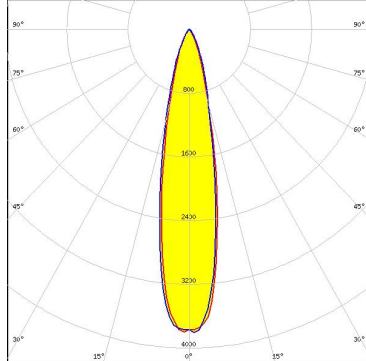


LUMILEDS

LED LUXEON Z
 FWHM 11.0°
 Efficiency 85 %
 Peak intensity 12.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Z ES FWHM 16.0° Efficiency 89 % Peak intensity 6.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19A FWHM 16.0° Efficiency 84 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM 21.0° Efficiency 81 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSOLON Square EC FWHM 22.0° Efficiency 86 % Peak intensity 3.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

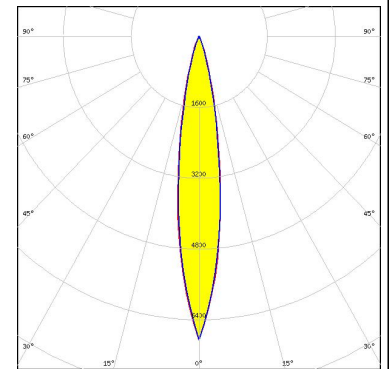
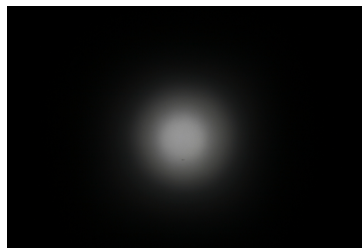
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 16.0°
Efficiency 87 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

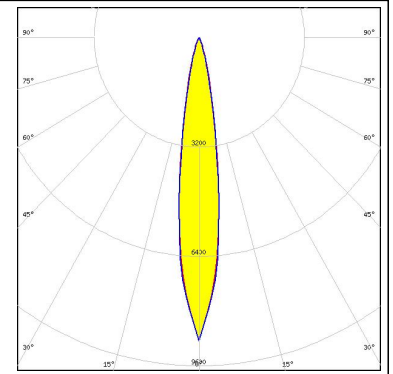
LED OSLON SSL 80
FWHM 16.0°
Efficiency 83 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED	XP-E
FWHM	15.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	



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:

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