

LARISA-M-CLIP16

~30° medium beam. Clip fastening for 1.6 mm thick PCB.

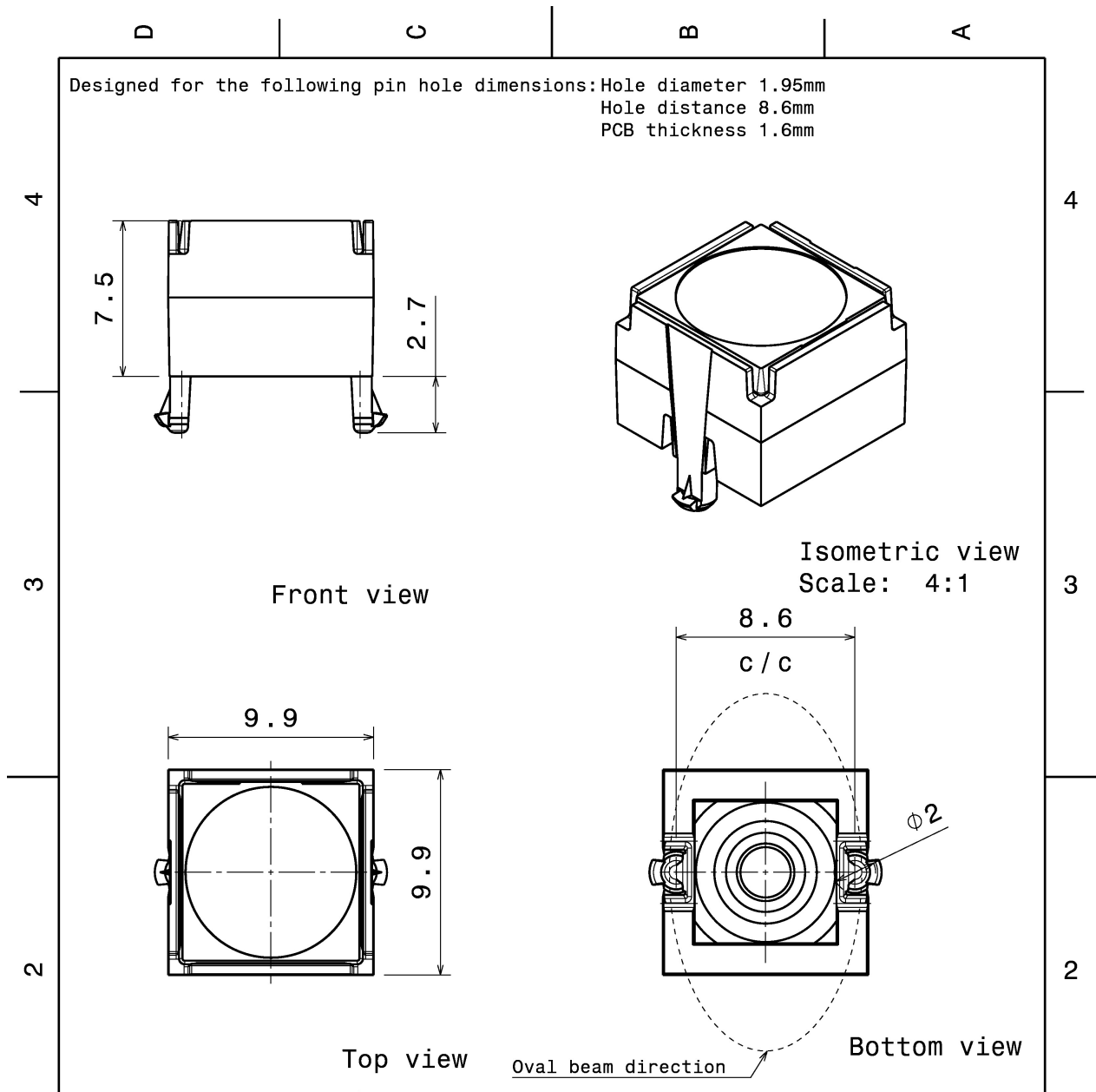
TECHNICAL SPECIFICATIONS:

Dimensions	9.9 mm
Height	7.5 mm
Fastening	clips
Colour	black
Box size	300 x 250 x 250 mm
Box weight	6.6 kg
Quantity in Box	10000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LARISA-M	Single lens	PMMA	clear
LARISA-HOLDER-CLIP16	Holder	PC	



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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

LARISA-CLIP16 series

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SIZE PART NUMBER

A4

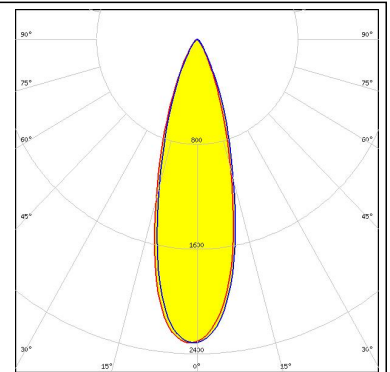
WEIGHT 0,6 g

SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

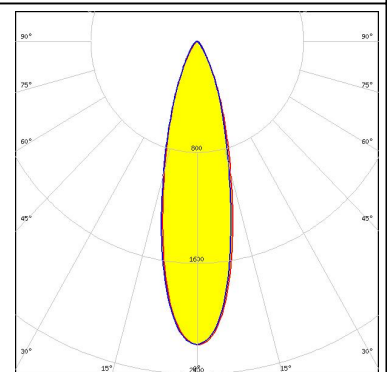
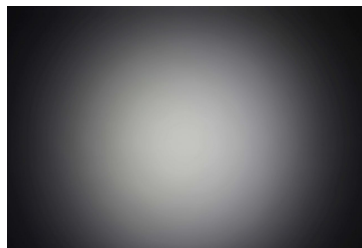
CREE

LED XB-D
 FWHM 30.0°
 Efficiency 84 %
 Peak intensity 2.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



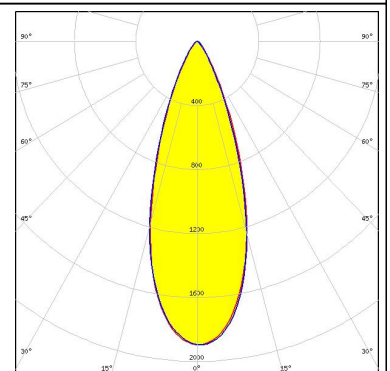
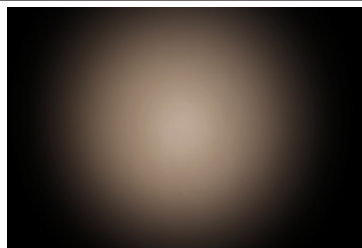
CREE

LED XD16
 FWHM 27.0°
 Efficiency 74 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



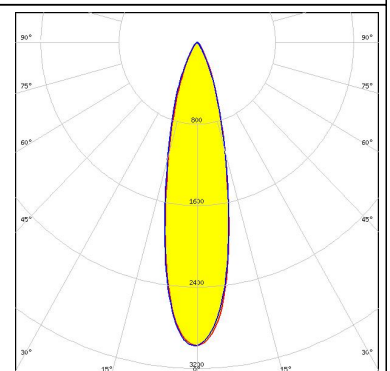
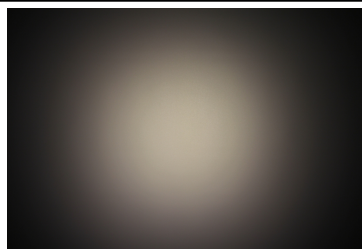
CREE

LED XP-G
 FWHM 36.0°
 Efficiency 88 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

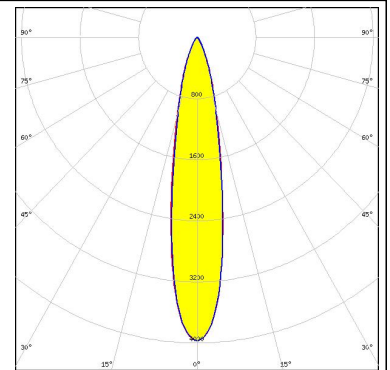
LED XQ-E HD
 FWHM 25.0°
 Efficiency 86 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



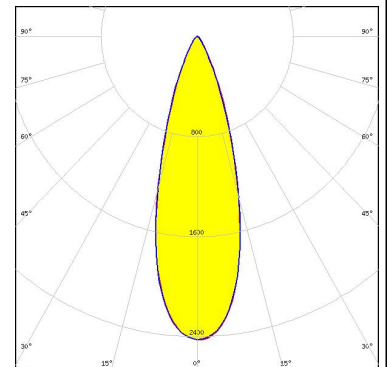
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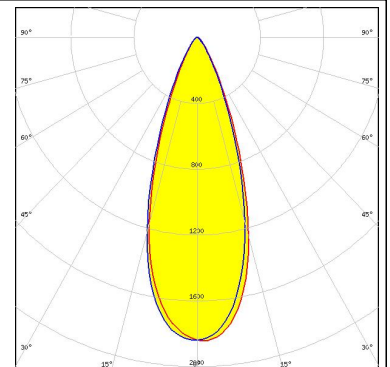
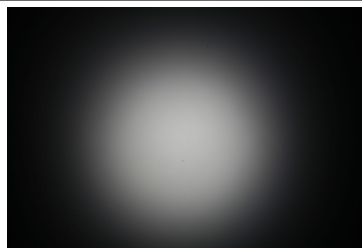
LED XQ-E HI
 FWHM 19.0°
 Efficiency 79 %
 Peak intensity 3.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



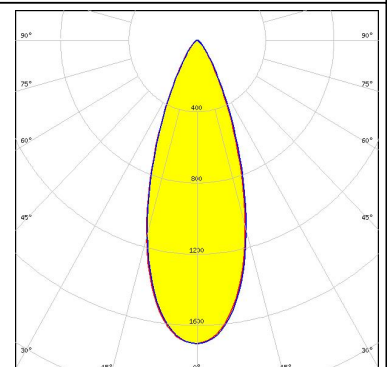
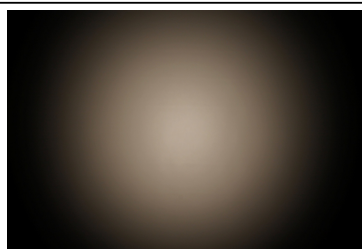
LED H35B0 (LEMWA32)
 FWHM 31.0°
 Efficiency 89 %
 Peak intensity 2.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



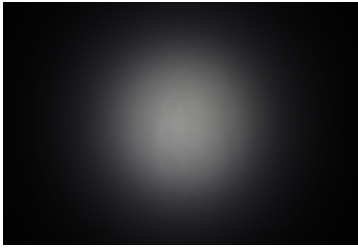
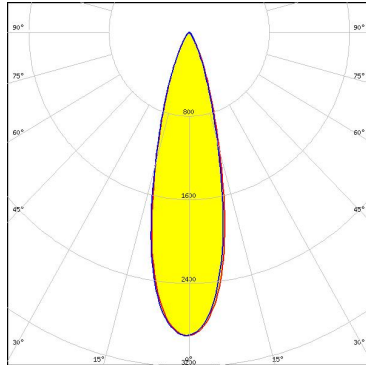
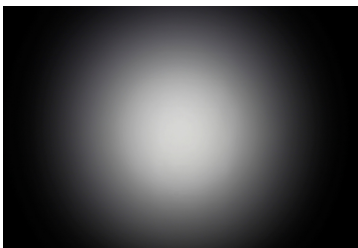
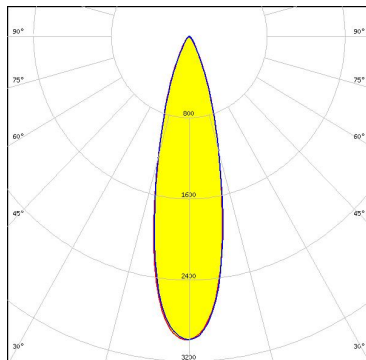

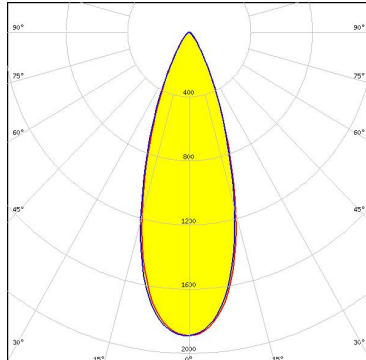


LED H35C0 (LEMWA33)
 FWHM 37.0°
 Efficiency 87 %
 Peak intensity 1.840 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON A
 FWHM 37.0°
 Efficiency 86 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



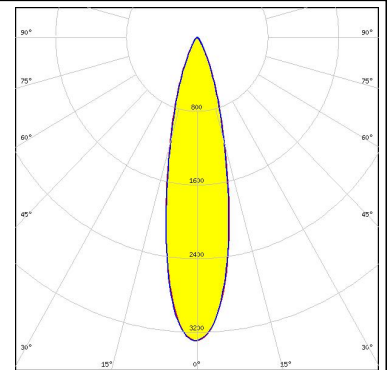
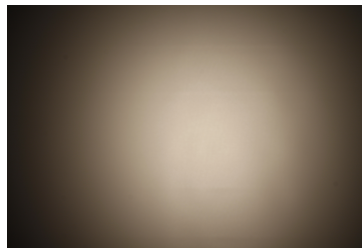
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON C FWHM 27.0° Efficiency 85 % Peak intensity 2.910 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel FWHM 26.0° Efficiency 88 % Peak intensity 3.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel ES FWHM 35.0° Efficiency 87 % Peak intensity 1.900 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Z FWHM 19.0° Efficiency 84 % Peak intensity 5.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

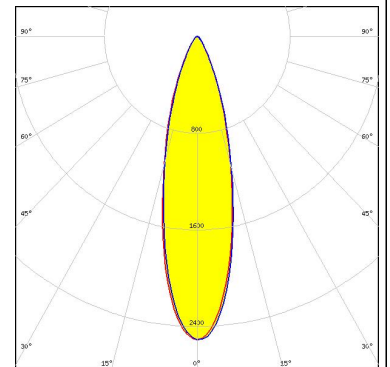
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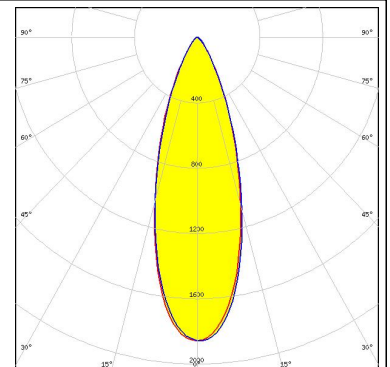
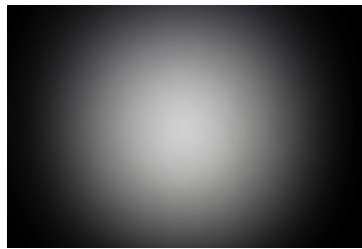
LED LUXEON Z ES
 FWHM 24.0°
 Efficiency 88 %
 Peak intensity 3.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



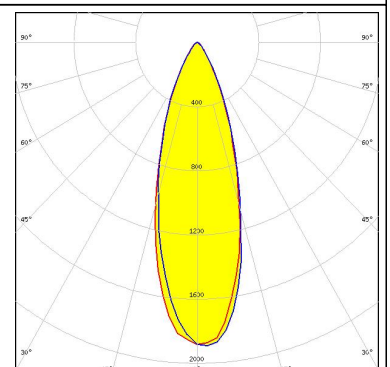
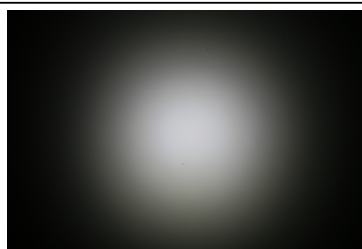
LED NCSxx19A
 FWHM 27.0°
 Efficiency 84 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




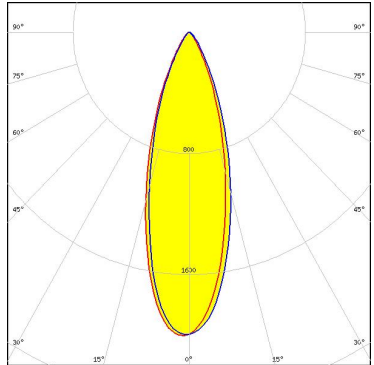
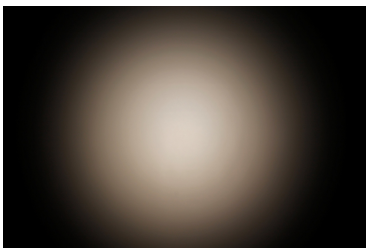
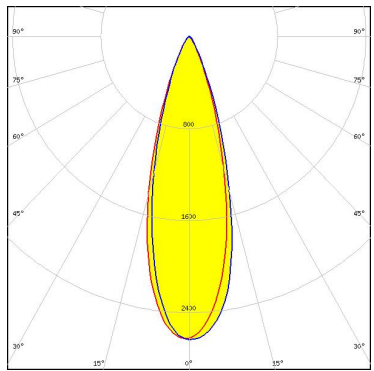
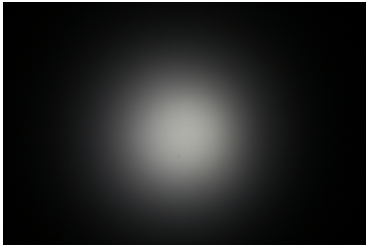
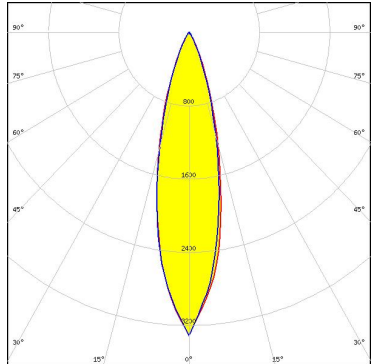
LED NVSxx19A
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S5 (2 chip)
 FWHM 34.0°
 Efficiency 80 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



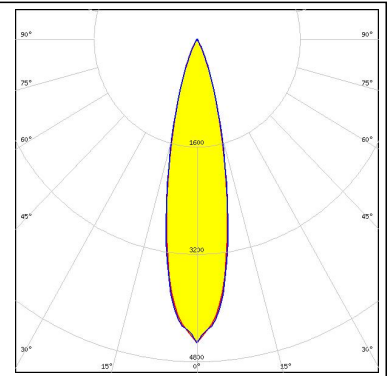
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC</p> <p>FWHM 31.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.000 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 150</p> <p>FWHM 30.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.600 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 80</p> <p>FWHM 25.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.910 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XP-E
FWHM 23.0°
Efficiency 94 %
Peak intensity cd/lm
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:

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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