

LARISA-O-CLIP16

~40° x 20° oval beam. Clip fastening for 1.6 mm thick PCB.

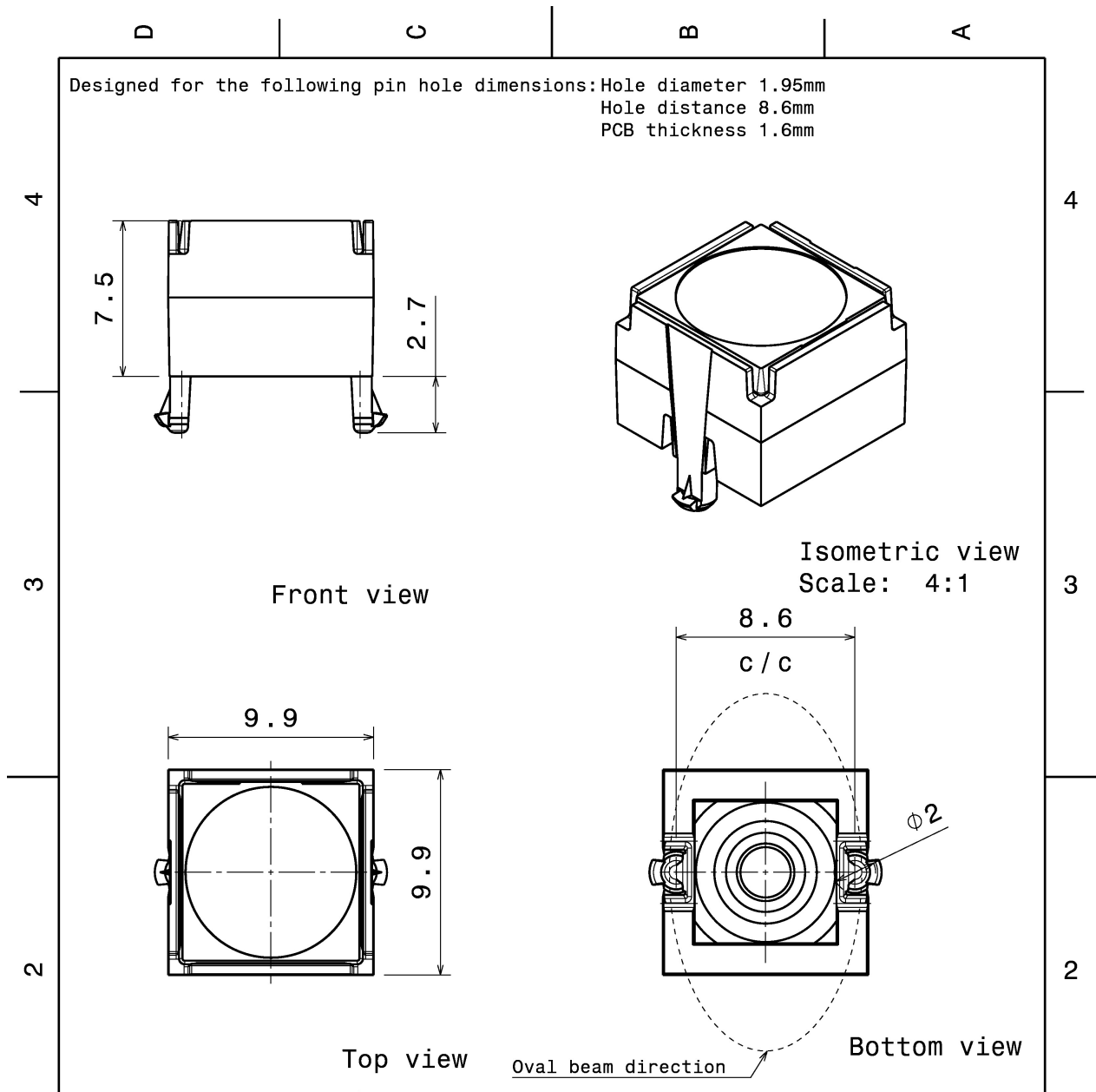
TECHNICAL SPECIFICATIONS:

Dimensions	9.9 + 9.9 mm
Height	7.5 mm
Fastening	clips
Colour	black
Box size	300 x 260 x 260 mm
Box weight	6.6 kg
Quantity in Box	10000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LARISA-O	Lens	PMMA	clear
LARISA-HOLDER-CLIP16	Holder	PC	black



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

0,6 g

SCALE

4:1

WEIGHT

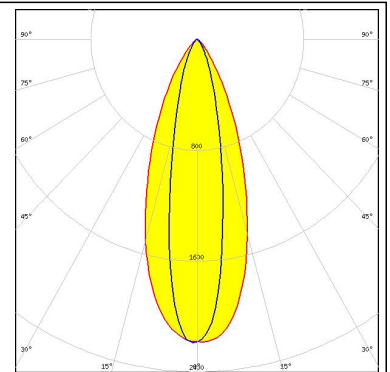
SHEET

1/1

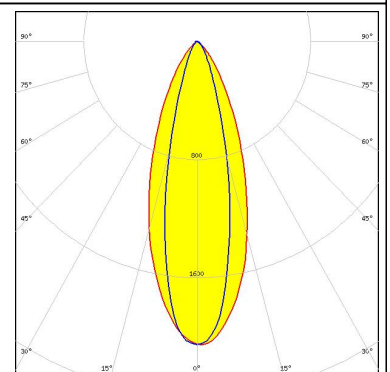
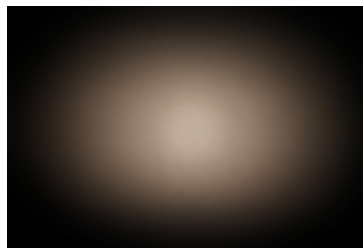
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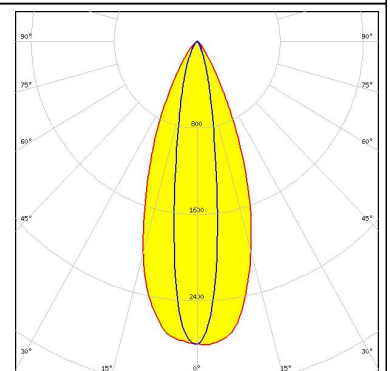
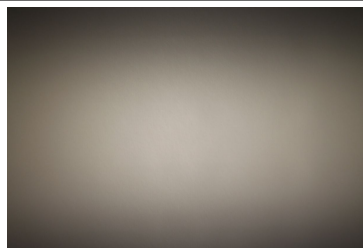
LED XB-D
 FWHM 39.0 + 21.0°
 Efficiency 80 %
 Peak intensity 2.200 cd/lm
 Required components:



LED XP-G
 FWHM 39.0 + 25.0°
 Efficiency 83 %
 Peak intensity 2.050 cd/lm
 Required components:



LED XQ-E
 FWHM 40.0 + 17.0°
 Efficiency 82 %
 Peak intensity 2.800 cd/lm
 Required components:



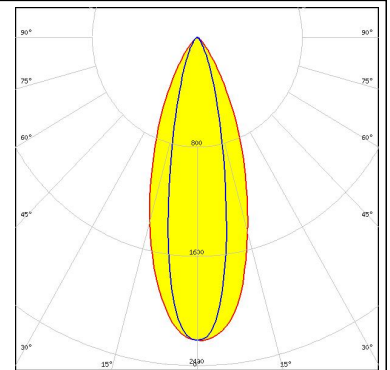
LED XQ-E HI
 FWHM 43.0 + 14.0°
 Efficiency 74 %
 Peak intensity 3.200 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

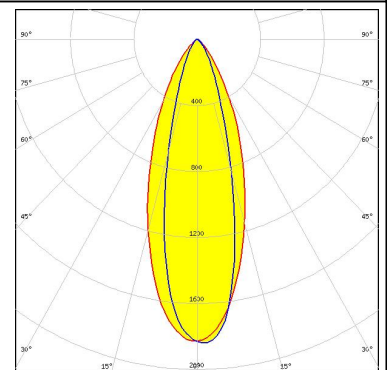
LG Innotek

LED H35B0 (LEMWA32)
 FWHM 38.0 + 22.0°
 Efficiency 82 %
 Peak intensity 2.200 cd/lm
 Required components:



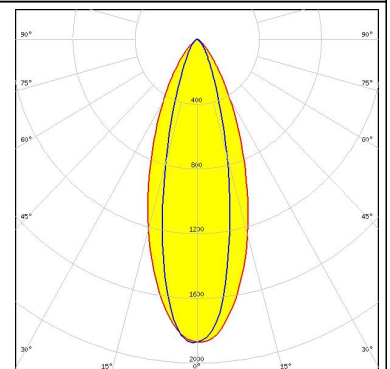
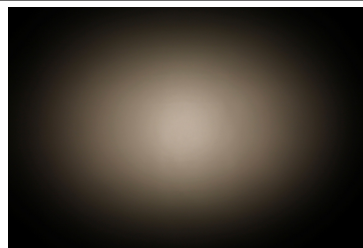
LG Innotek

LED H35C0 (LEMWA33)
 FWHM 39.0 + 27.0°
 Efficiency 81 %
 Peak intensity 1.840 cd/lm
 Required components:



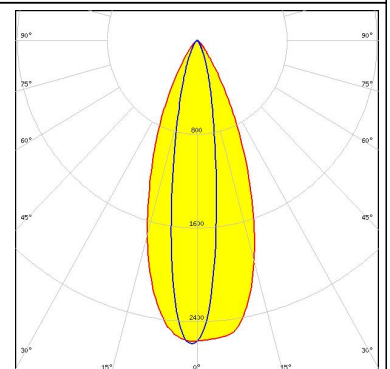
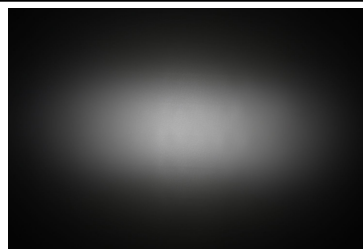
LUMILEDS

LED LUXEON A
 FWHM 39.0 + 26.0°
 Efficiency 81 %
 Peak intensity 1.900 cd/lm
 Required components:


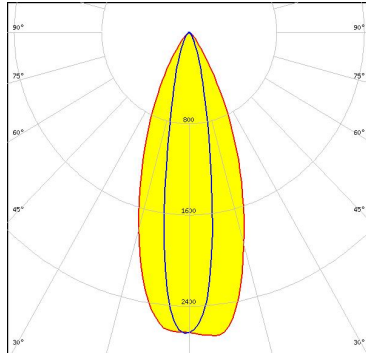
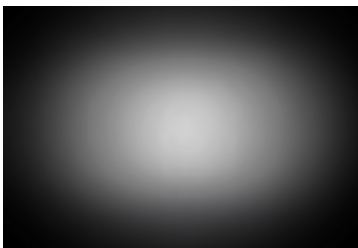
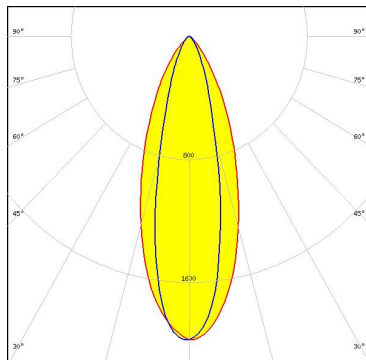

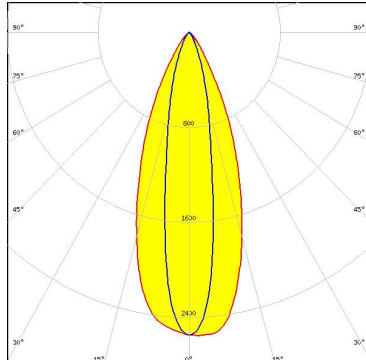




LUMILEDS

LED LUXEON C
 FWHM 40.0 + 18.0°
 Efficiency 79 %
 Peak intensity 2.600 cd/lm
 Required components:



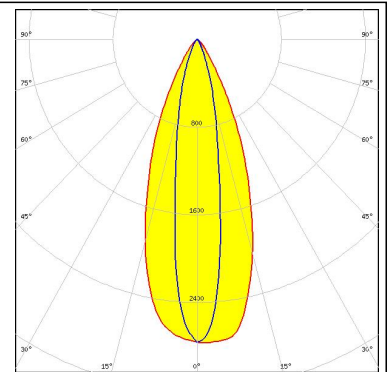
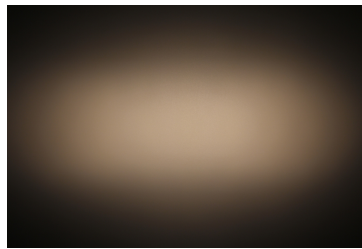
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Rebel</p> <p>FWHM 40.0 + 18.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.700 cd/lm</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel ES</p> <p>FWHM 39.0 + 25.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.900 cd/lm</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel Plus</p> <p>FWHM 40.0 + 19.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.600 cd/lm</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Z</p> <p>FWHM 41.0 + 14.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.540 cd/lm</p> <p>Required components:</p>		

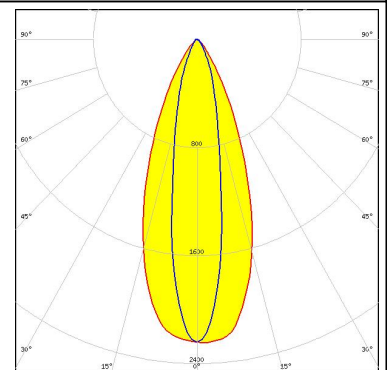
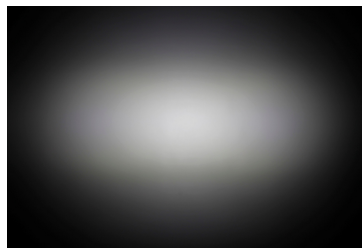
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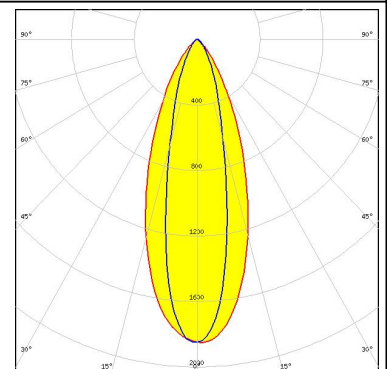
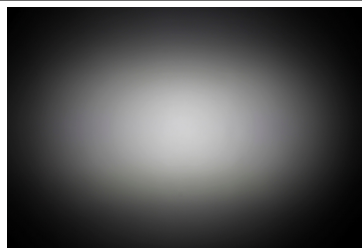
LED LUXEON Z ES
 FWHM 40.0 + 18.0°
 Efficiency 86 %
 Peak intensity 2.800 cd/lm
 Required components:



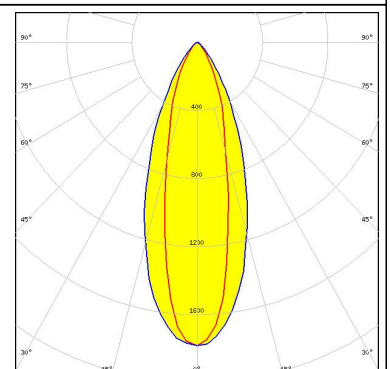
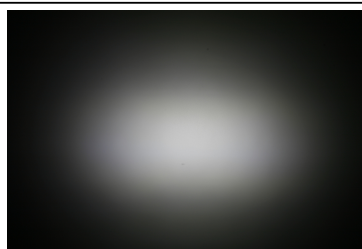
LED NCSxx19A
 FWHM 41.0 + 19.0°
 Efficiency 81 %
 Peak intensity 2.250 cd/lm
 Required components:



LED NVSxx19A
 FWHM 40.0 + 24.0°
 Efficiency 79 %
 Peak intensity 1.850 cd/lm
 Required components:



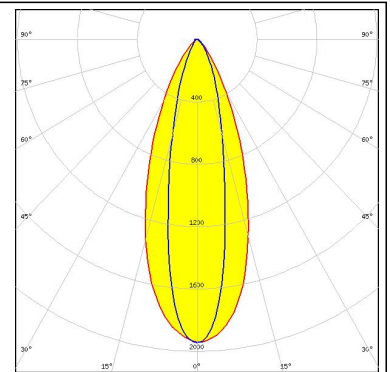
LED Duris S5 (2 chip)
 FWHM 26.0 + 41.0°
 Efficiency 79 %
 Peak intensity 1.800 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

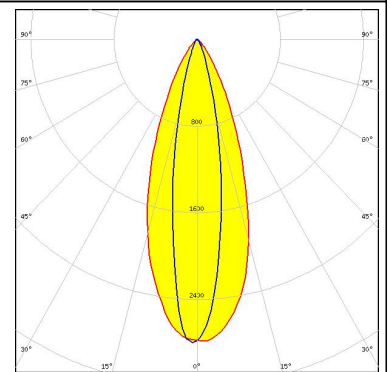
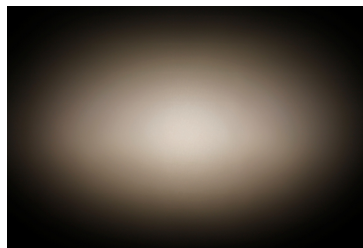
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 40.0 + 22.0°
Efficiency 78 %
Peak intensity 1.950 cd/lm
Required components:



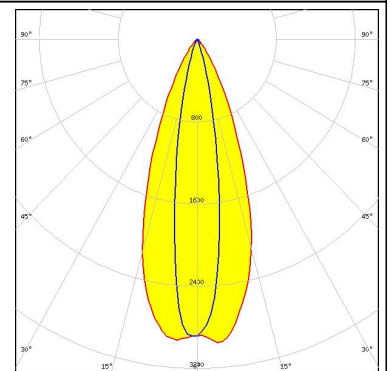
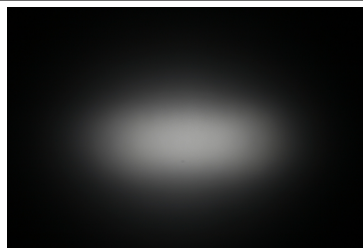
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 39.0 + 19.0°
Efficiency 84 %
Peak intensity 2.900 cd/lm
Required components:



OSRAM
Opto Semiconductors

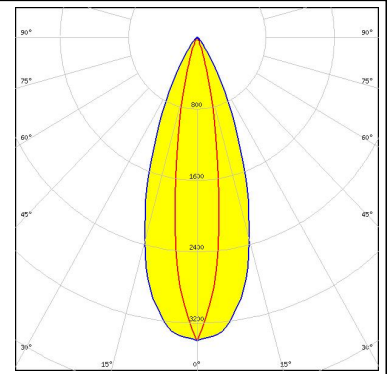
LED Oslon SSL 80
FWHM 40.0 + 17.0°
Efficiency 77 %
Peak intensity 2.530 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XP-E
FWHM 39.0 + 17.0°
Efficiency 89 %
Peak intensity cd/lm
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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