



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LARISA-RS-CLIP8

~19° spot beam. Clip fastening for 0.8 mm thick PCB.

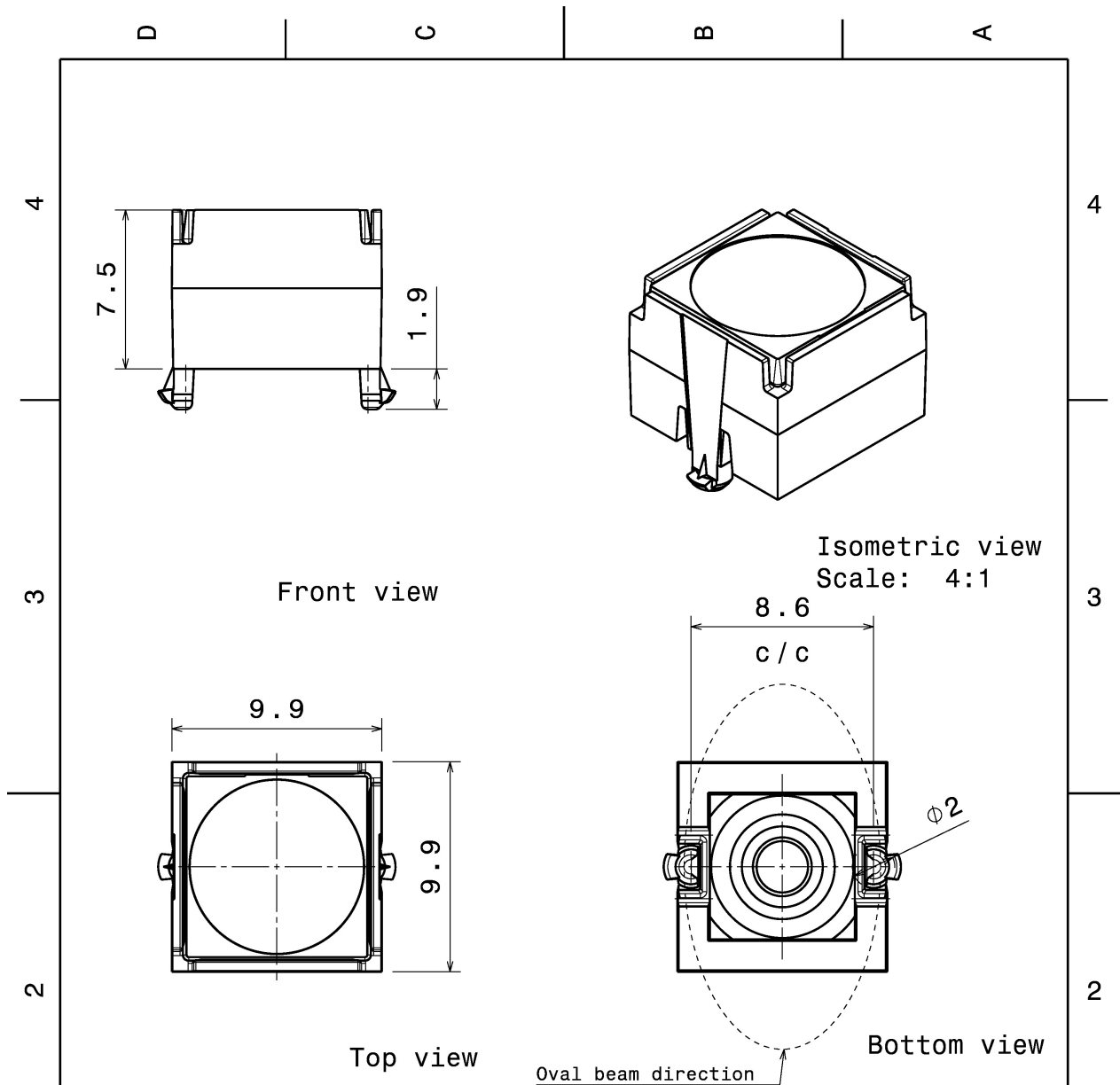
TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LARISA-RS	Lens	PMMA	clear
LARISA-HOLDER-CLIP8	Holder	PC	black



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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

LARISA-CLIP8

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SIZE PART NUMBER

A4

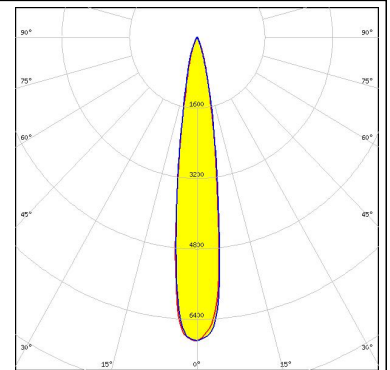
WEIGHT 0,6 g

SHEET 1/1

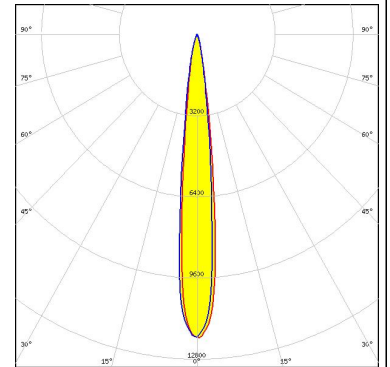
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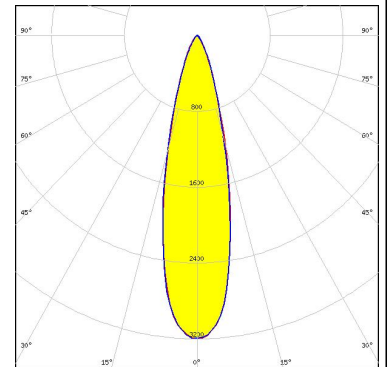
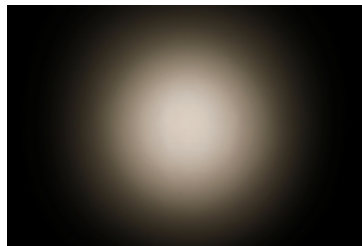
LED XQ-E
 FWHM 16.0°
 Efficiency 86 %
 Peak intensity 6.900 cd/lm
 Required components:



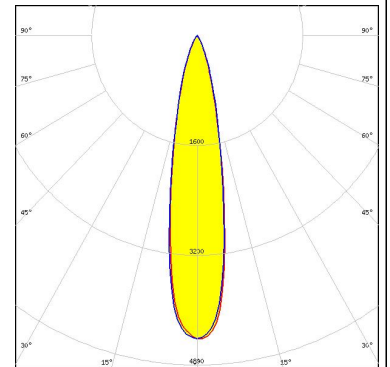
LED XQ-E HI
 FWHM 12.0°
 Efficiency 87 %
 Peak intensity 12.000 cd/lm
 Required components:



LED LUXEON A
 FWHM 26.0°
 Efficiency 89 %
 Peak intensity 3.200 cd/lm
 Required components:



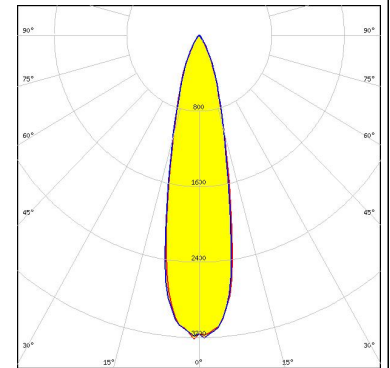
LED LUXEON Rebel
 FWHM 20.0°
 Efficiency 90 %
 Peak intensity 4.620 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
 FWHM 24.0°
 Efficiency 88 %
 Peak intensity 3.220 cd/lm
 Required components:



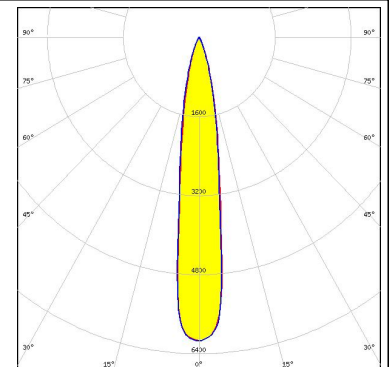
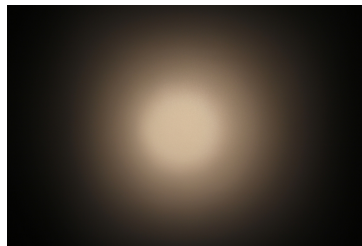
LUMILEDS

LED LUXEON Z
 FWHM 11.0°
 Efficiency 85 %
 Peak intensity 12.140 cd/lm
 Required components:



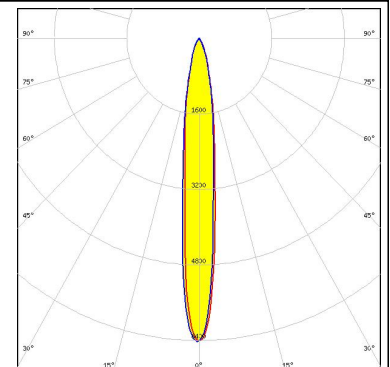
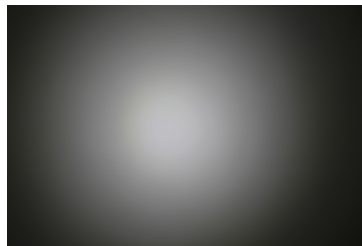
LUMILEDS

LED LUXEON Z ES
 FWHM 16.0°
 Efficiency 89 %
 Peak intensity 6.100 cd/lm
 Required components:


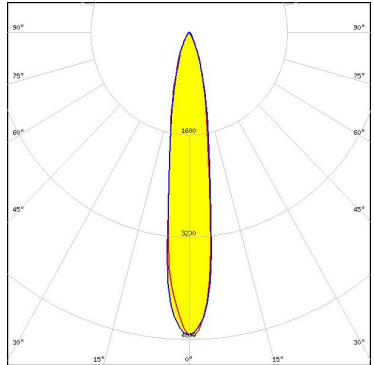
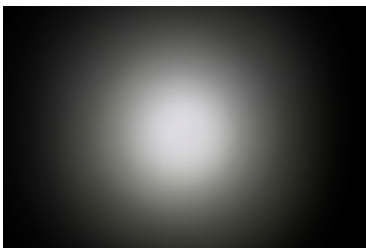
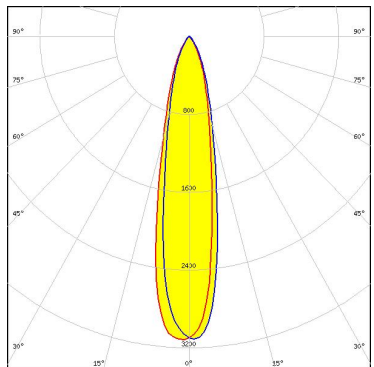

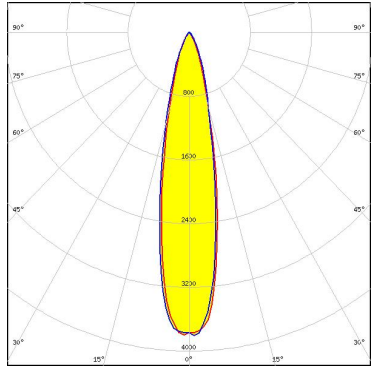




NICHIA

LED NCSxE17A
 FWHM 12.0°
 Efficiency 80 %
 Peak intensity 6.400 cd/lm
 Required components:



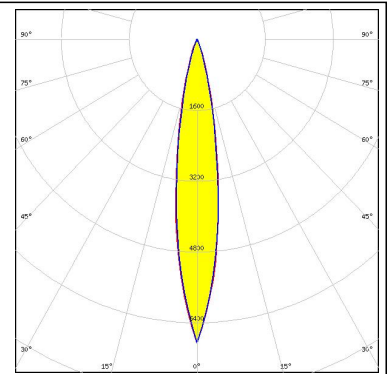
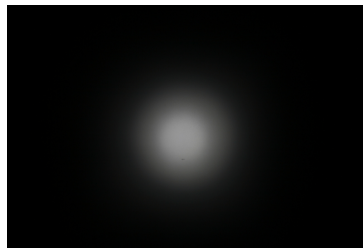
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19A FWHM 16.0° Efficiency 84 % Peak intensity 4.750 cd/lm Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM 21.0° Efficiency 81 % Peak intensity 3.140 cd/lm Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon Square EC FWHM 22.0° Efficiency 86 % Peak intensity 3.830 cd/lm Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 150 FWHM 16.0° Efficiency 87 % Peak intensity 8.100 cd/lm Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 16.0°
Efficiency 83 %
Peak intensity 6.450 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:

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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