



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



LARISA-M-CLIP16

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

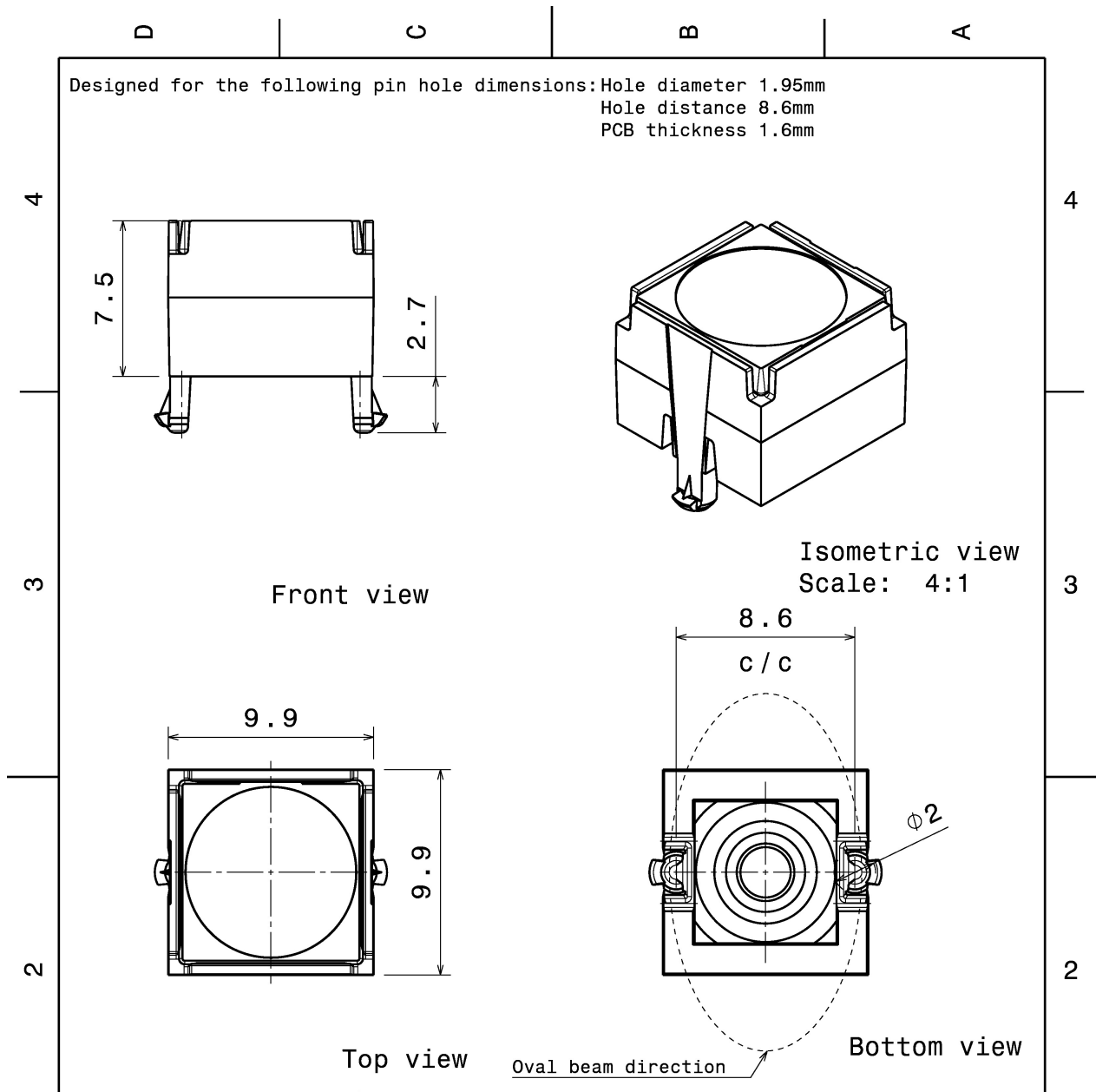
TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LARISA-M	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

SCALE 4:1

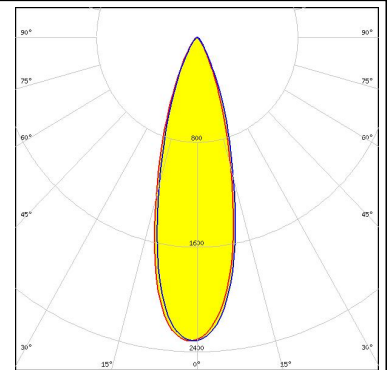
WEIGHT 0,6 g

SHEET 1/1

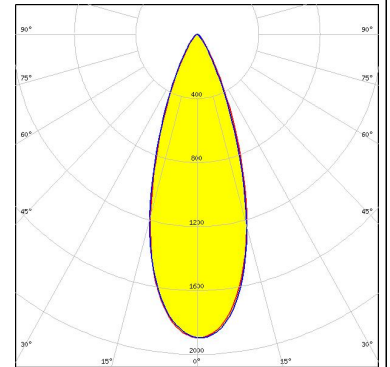
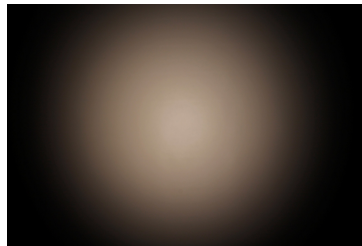
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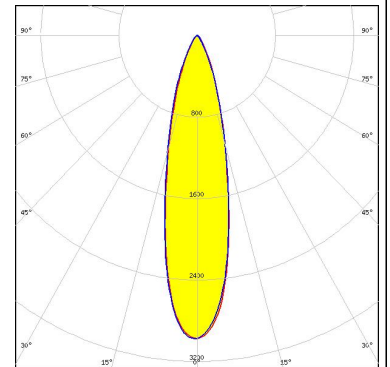
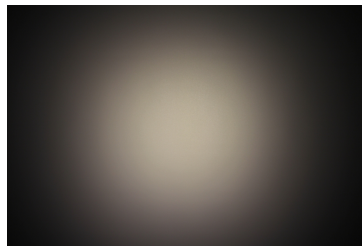
LED XB-D
 FWHM 30.0°
 Efficiency 84 %
 Peak intensity 2.300 cd/lm
 Required components:



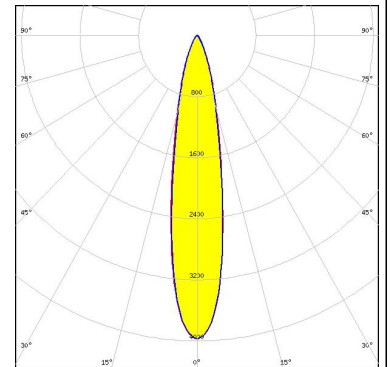
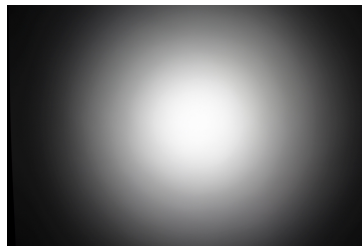
LED XP-G
 FWHM 36.0°
 Efficiency 88 %
 Peak intensity 1.900 cd/lm
 Required components:



LED XQ-E
 FWHM 25.0°
 Efficiency 86 %
 Peak intensity 3.000 cd/lm
 Required components:



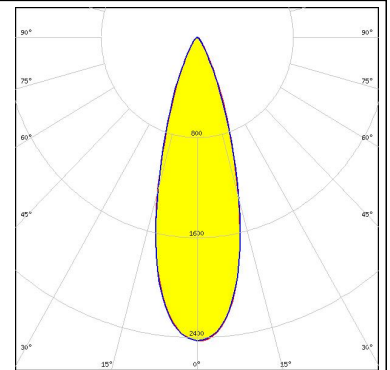
LED XQ-E HI
 FWHM 19.0°
 Efficiency 79 %
 Peak intensity 3.600 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

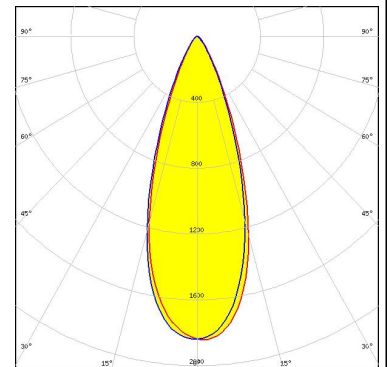
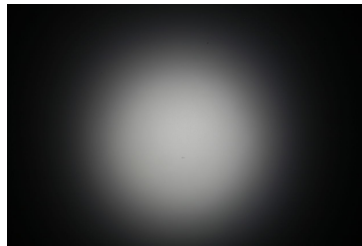
LG Innotek

LED H35B0 (LEMWA32)
 FWHM 31.0°
 Efficiency 89 %
 Peak intensity 2.400 cd/lm
 Required components:



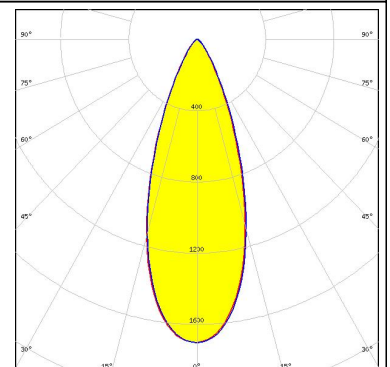
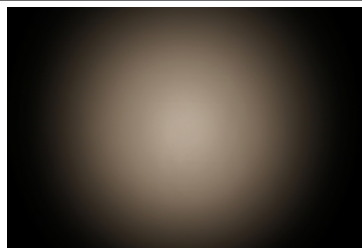
LG Innotek

LED H35C0 (LEMWA33)
 FWHM 37.0°
 Efficiency 87 %
 Peak intensity 1.840 cd/lm
 Required components:



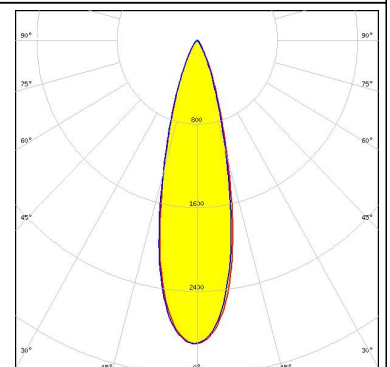
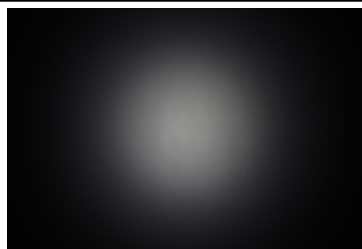
LUMILEDS

LED LUXEON A
 FWHM 37.0°
 Efficiency 86 %
 Peak intensity 1.700 cd/lm
 Required components:



LUMILEDS

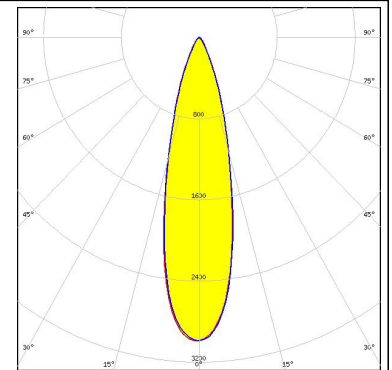
LED LUXEON C
 FWHM 27.0°
 Efficiency 85 %
 Peak intensity 2.910 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

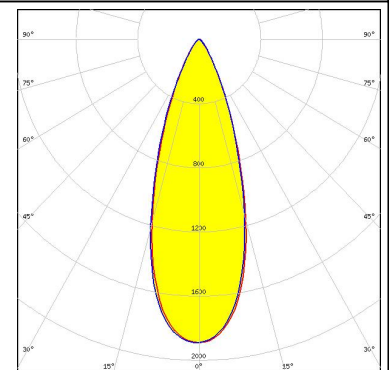
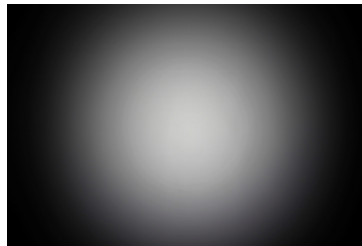
LUMILEDS

LED LUXEON Rebel
 FWHM 26.0°
 Efficiency 88 %
 Peak intensity 3.000 cd/lm
 Required components:



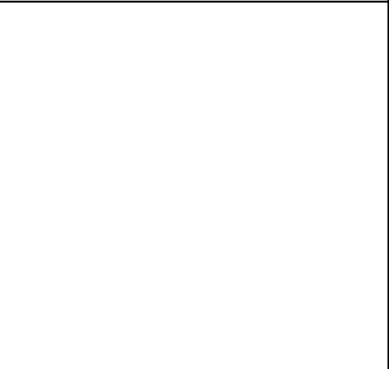
LUMILEDS

LED LUXEON Rebel ES
 FWHM 35.0°
 Efficiency 87 %
 Peak intensity 1.900 cd/lm
 Required components:



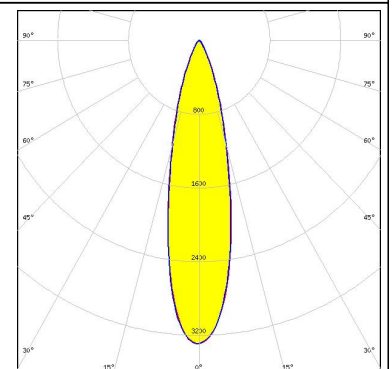
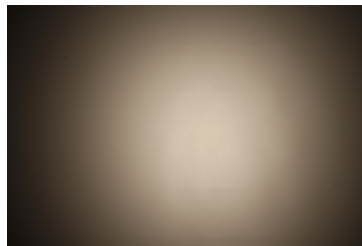
LUMILEDS

LED LUXEON Z
 FWHM 19.0°
 Efficiency 84 %
 Peak intensity 5.000 cd/lm
 Required components:



LUMILEDS

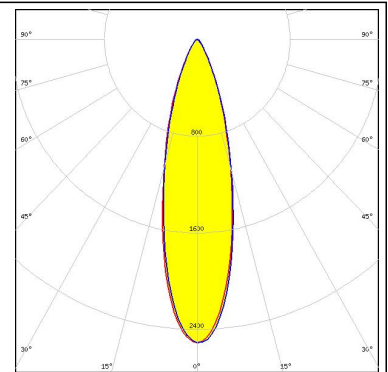
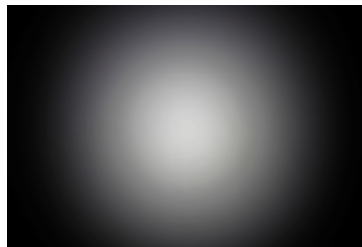
LED LUXEON Z ES
 FWHM 24.0°
 Efficiency 88 %
 Peak intensity 3.300 cd/lm
 Required components:



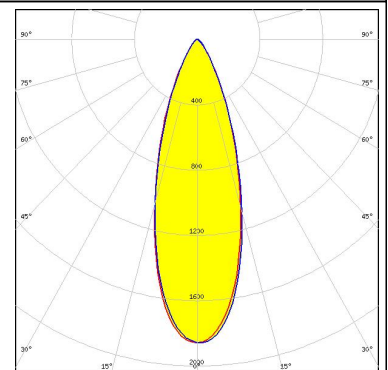
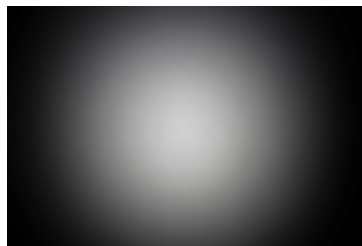
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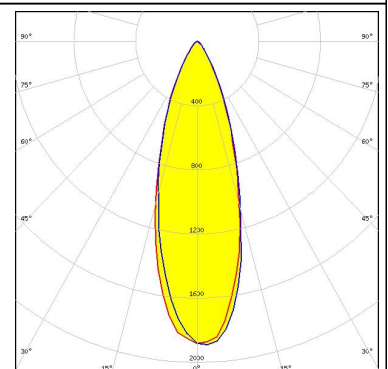
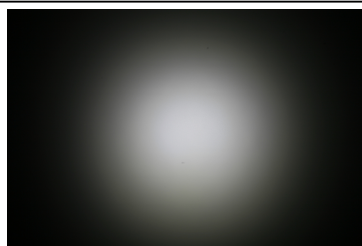
LED NCSxx19A
 FWHM 27.0°
 Efficiency 84 %
 Peak intensity 2.500 cd/lm
 Required components:



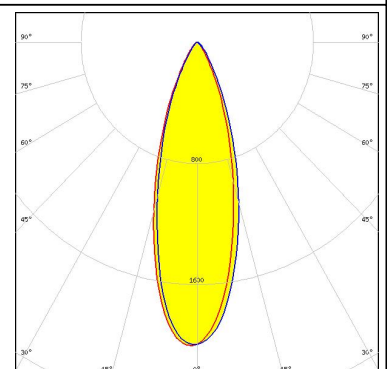
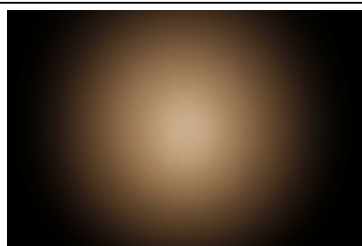
LED NVSxx19A
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 1.900 cd/lm
 Required components:



LED Duris S5 (2 chip)
 FWHM 34.0°
 Efficiency 80 %
 Peak intensity 1.900 cd/lm
 Required components:



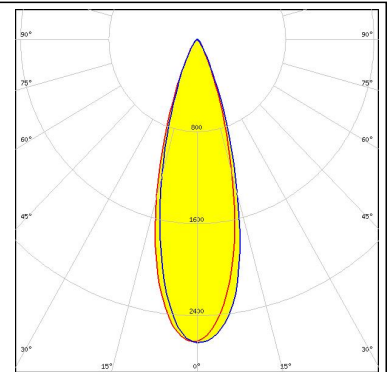
LED Oslon Square EC
 FWHM 31.0°
 Efficiency 83 %
 Peak intensity 2.000 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

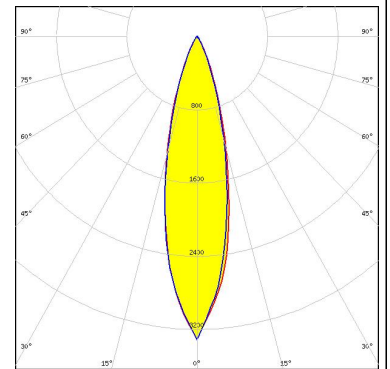
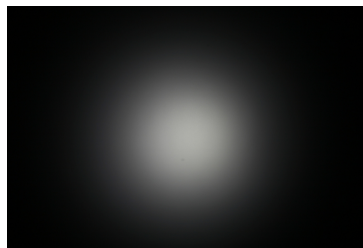
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 30.0°
Efficiency 88 %
Peak intensity 2.600 cd/lm
Required components:



OSRAM
Opto Semiconductors

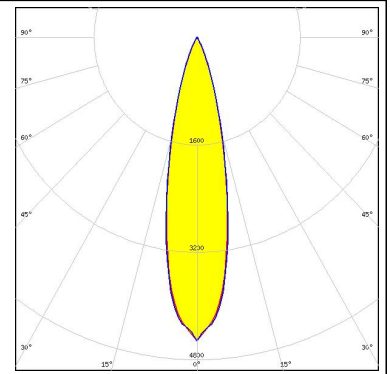
LED Oslon SSL 80
FWHM 25.0°
Efficiency 82 %
Peak intensity 2.910 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XP-E
FWHM 23.0°
Efficiency 94 %
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:

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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