



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

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

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



## LISA2-W-CLIP

~35° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

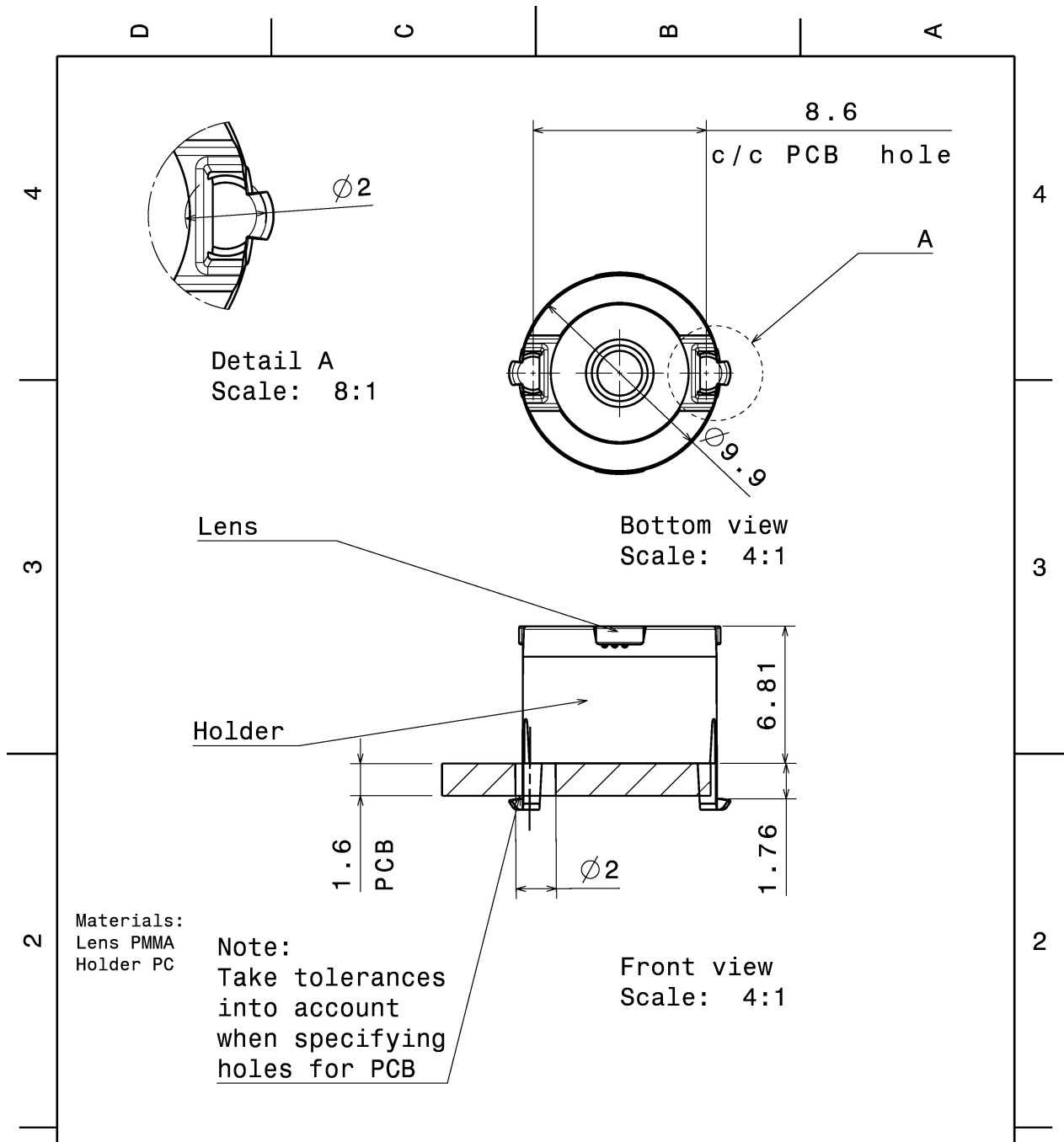
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, clips
Colour	black
Box size	310 x 230 x 60 mm
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-W	Lens	PMMA	clear
LISA2-HLD-CLIP16-XP	Holder	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**  
Datasheet Lisa2-clip16-XT series Assy

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SIZE	PART NUMBER
A4	

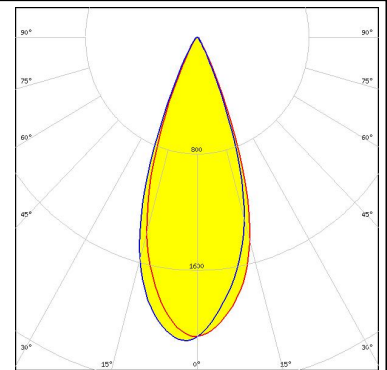
SCALE	4:1	WEIGHT	-	SHEET	1/1
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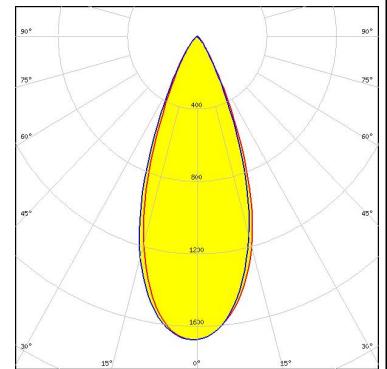
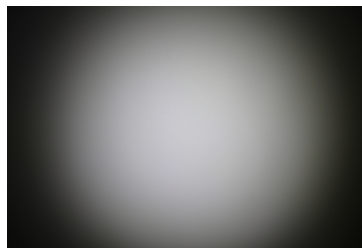
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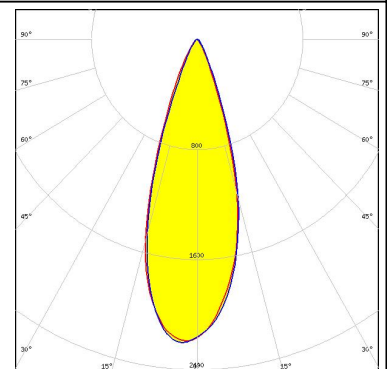
LED XP-G2  
 FWHM 36.0°  
 Efficiency 88 %  
 Peak intensity 2.200 cd/lm  
 Required components:



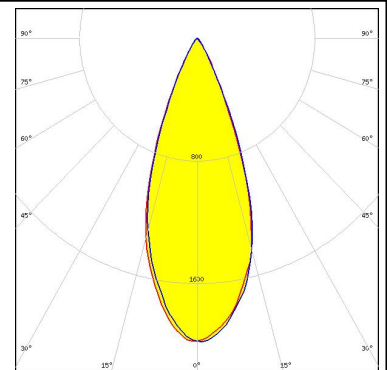
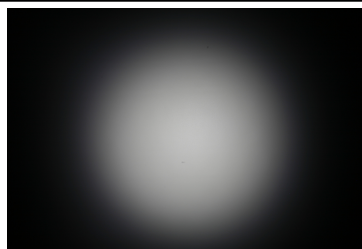
LED XP-G3  
 FWHM 41.0°  
 Efficiency 85 %  
 Peak intensity 1.680 cd/lm  
 Required components:



LED XT-E  
 FWHM 32.0°  
 Efficiency 84 %  
 Peak intensity 2.200 cd/lm  
 Required components:



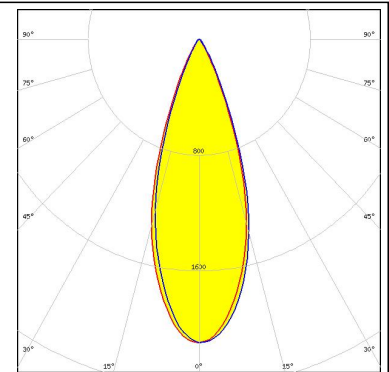
LED H35C1 (LEMWA33)  
 FWHM 40.0°  
 Efficiency 88 %  
 Peak intensity 2.000 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

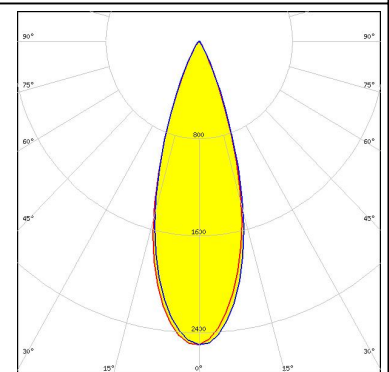
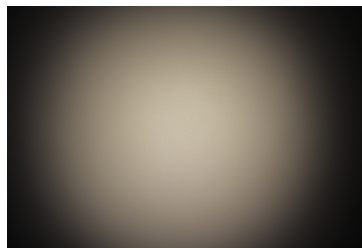
##### LUMILEDS

LED LUXEON T  
 FWHM 36.0°  
 Efficiency 86 %  
 Peak intensity 2.000 cd/lm  
 Required components:



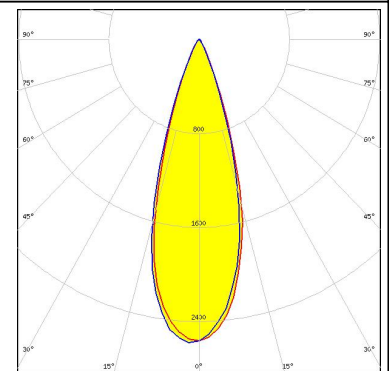
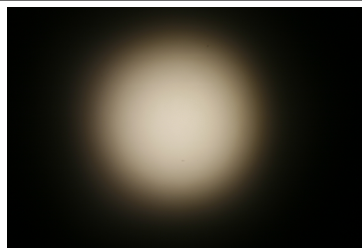
##### LUMILEDS

LED LUXEON TX  
 FWHM 34.0°  
 Efficiency 88 %  
 Peak intensity 2.500 cd/lm  
 Required components:



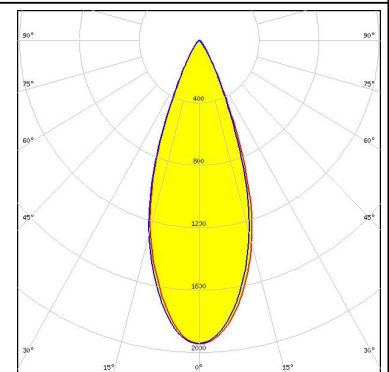
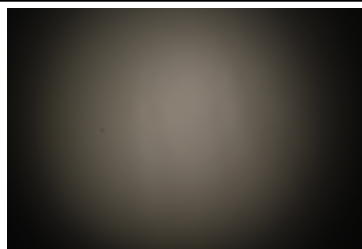
##### NICHIA

LED NCSxx19B  
 FWHM 34.0°  
 Efficiency 84 %  
 Peak intensity 2.600 cd/lm  
 Required components:



##### NICHIA

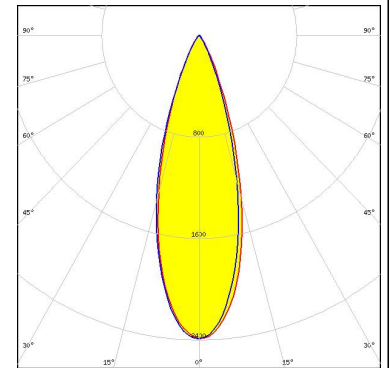
LED NVSxx19B/NVSxx19C  
 FWHM 38.0°  
 Efficiency 87 %  
 Peak intensity 1.900 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Oslon Square EC  
FWHM 33.0°  
Efficiency 85 %  
Peak intensity 2.400 cd/lm  
Required components:



**OSRAM**  
Opto Semiconductors

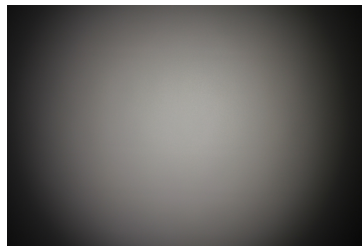
LED SFH 4715S  
FWHM 22.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

**OSRAM**  
Opto Semiconductors

LED SFH 4725S  
FWHM 24.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

**SAMSUNG**

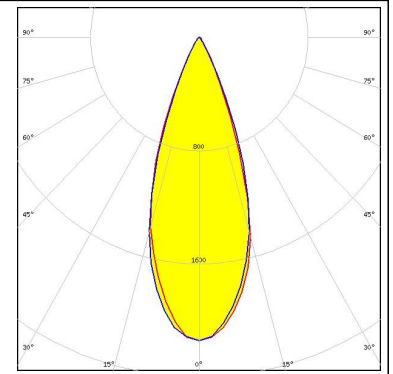
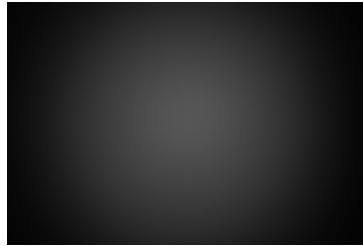
LED LH351B  
FWHM 40.0°  
Efficiency 88 %  
Peak intensity 1.920 cd/lm  
Required components:



## PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

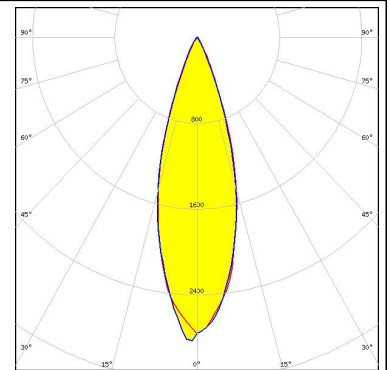
LED LH351Z  
FWHM 38.0°  
Efficiency 88 %  
Peak intensity 2.100 cd/lm  
Required components:



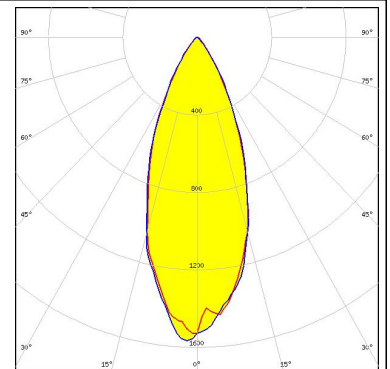
#### PHOTOMETRIC DATA (SIMULATED):



LED LUXEON H50-2  
FWHM 30.0°  
Efficiency 89 %  
Peak intensity 2.800 cd/lm  
Required components:



LED LUXEON IR Compact  
FWHM 34.0°  
Efficiency 83 %  
Peak intensity 0.000 cd/lm  
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 38.0°  
Efficiency 84 %  
Peak intensity 1.590 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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