



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



LISA2-WW-CLIP

~45° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

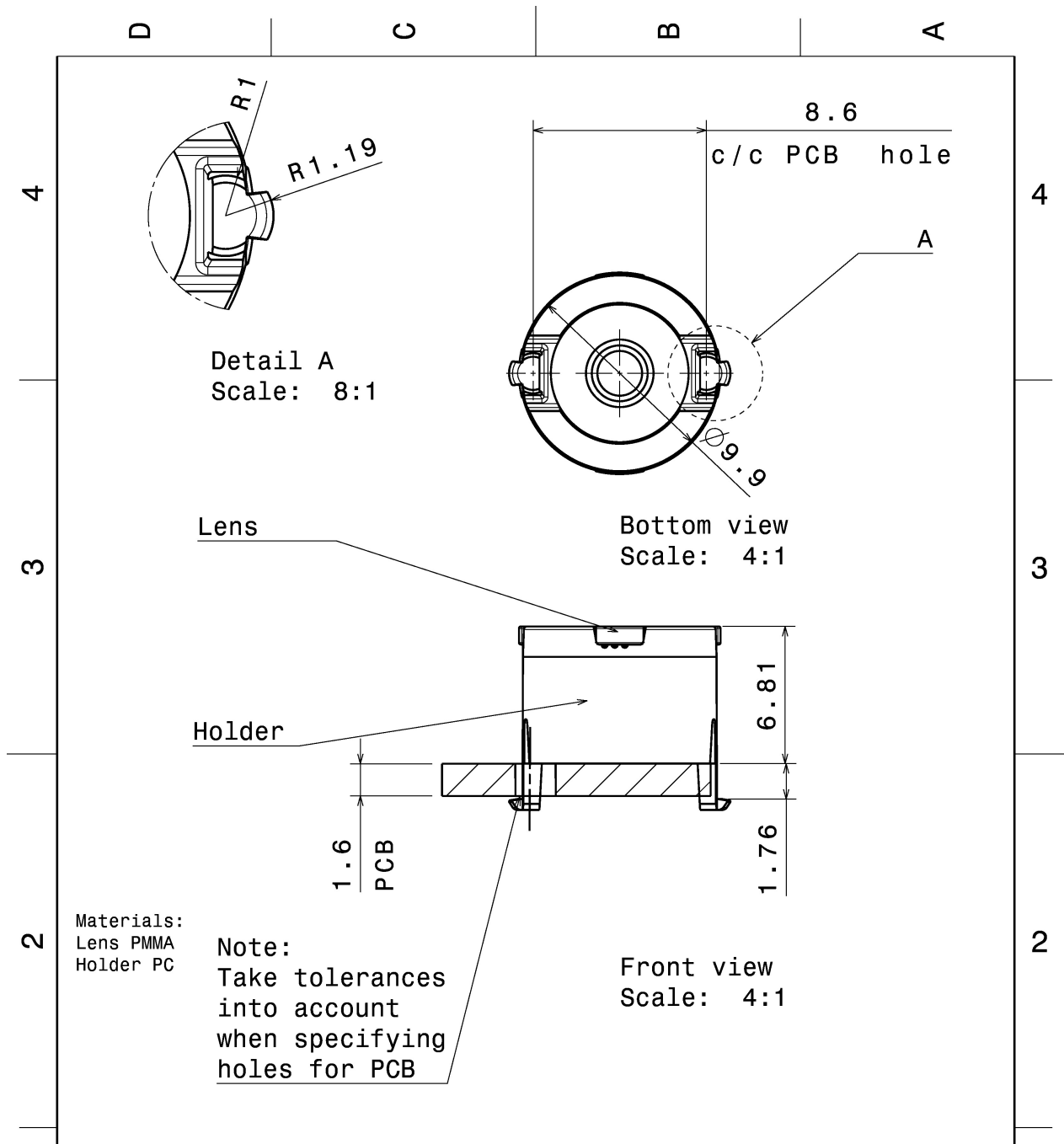
TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-WW	Lens	PMMA	clear
LISA2-HLD-CLIP16-XP	Holder	PC	black

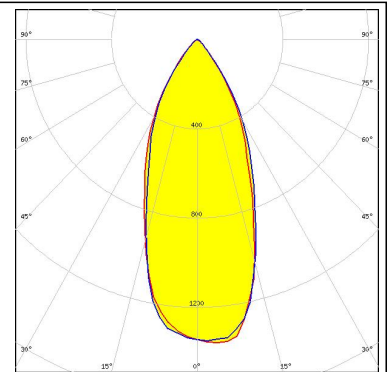
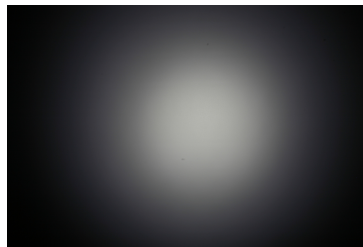


This drawing is our property. It can't be reproduced or communicated without our written agreement.		LEDiL		Ledil Oy Salorankatu 10 FIN-24240 SALO Finland	
DRAWING TITLE					
DRAWN BY pl		DATE 20.06.2012		Datasheet Lisa2-clip16-XT series Assy	
CHECKED BY sn	DATE 20.7.2011	SIZE A4	DRAWING NUMBER		REV 1
DESIGNED BY pl	DATE 20.06.2012	SCALE 4:1	WEIGHT (g)	SHEET 1/1	

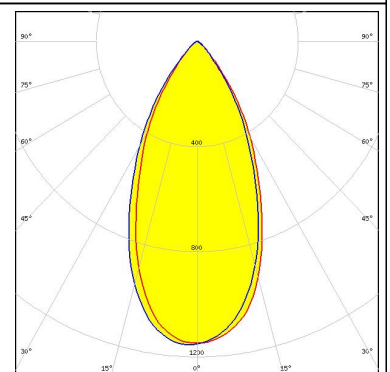
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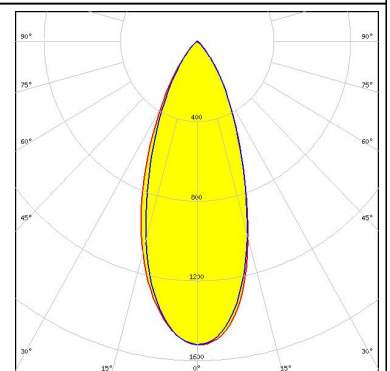
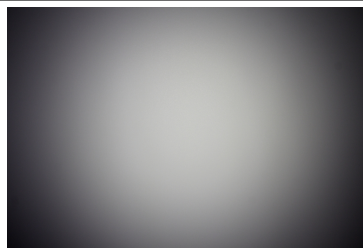
LED XP-E2
FWHM 43.0°
Efficiency 88 %
Peak intensity 1.350 cd/lm
Required components:



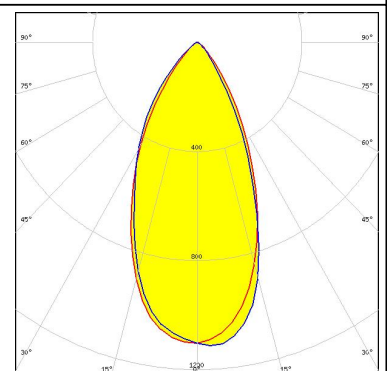
LED XP-G2
FWHM 47.0°
Efficiency 88 %
Peak intensity 1.200 cd/lm
Required components:



LED XP-G3
FWHM 42.0°
Efficiency 84 %
Peak intensity 1.500 cd/lm
Required components:



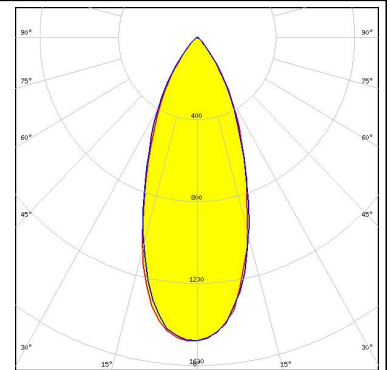
LED XT-E
FWHM 47.0°
Efficiency 84 %
Peak intensity 1.100 cd/lm
Required components:



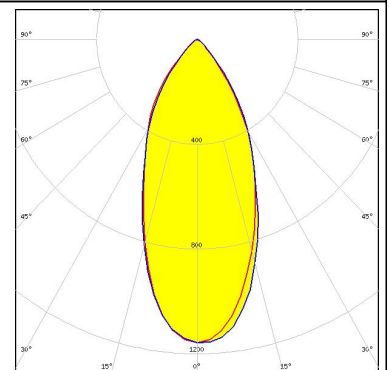
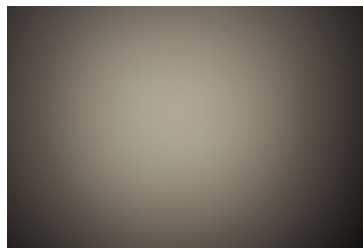
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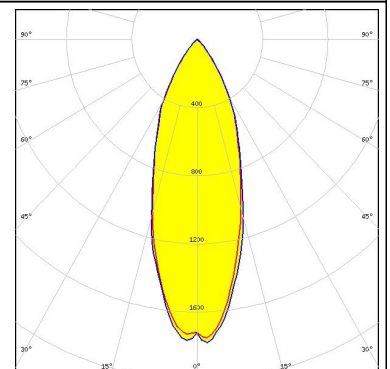
LED NCSxx19B
 FWHM 41.0°
 Efficiency 86 %
 Peak intensity 1.500 cd/lm
 Required components:



LED Oslon Square EC
 FWHM 46.0°
 Efficiency 84 %
 Peak intensity 1.600 cd/lm
 Required components:



LED SFH 4715S
 FWHM 36.0°
 Efficiency 0 %
 Peak intensity 0.000 cd/lm
 Required components:

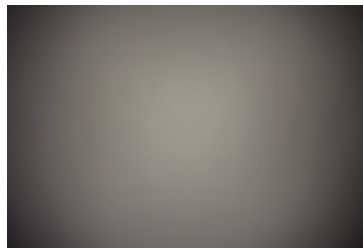


LED SFH 4725S
 FWHM 38.0°
 Efficiency %
 Peak intensity cd/lm
 Required components:

PHOTOMETRIC DATA (MEASURED):

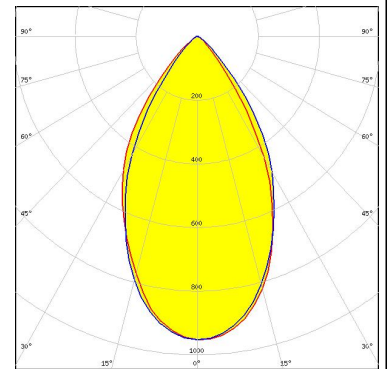
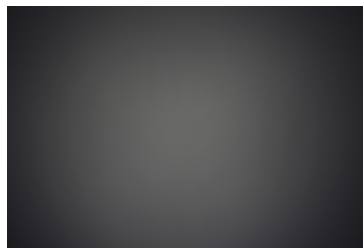
SAMSUNG

LED LH351B
FWHM 67.0°
Efficiency 88 %
Peak intensity 0.890 cd/lm
Required components:



SAMSUNG

LED LH351Z
FWHM 60.0°
Efficiency 90 %
Peak intensity 0.950 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Compact
FWHM 51.0°
Efficiency 84 %
Peak intensity 0.000 cd/lm
Required components:

LUMILEDS

LED LUXEON IR Domed 150
FWHM 60.0°
Efficiency 90 %
Peak intensity 0.000 cd/lm
Required components:

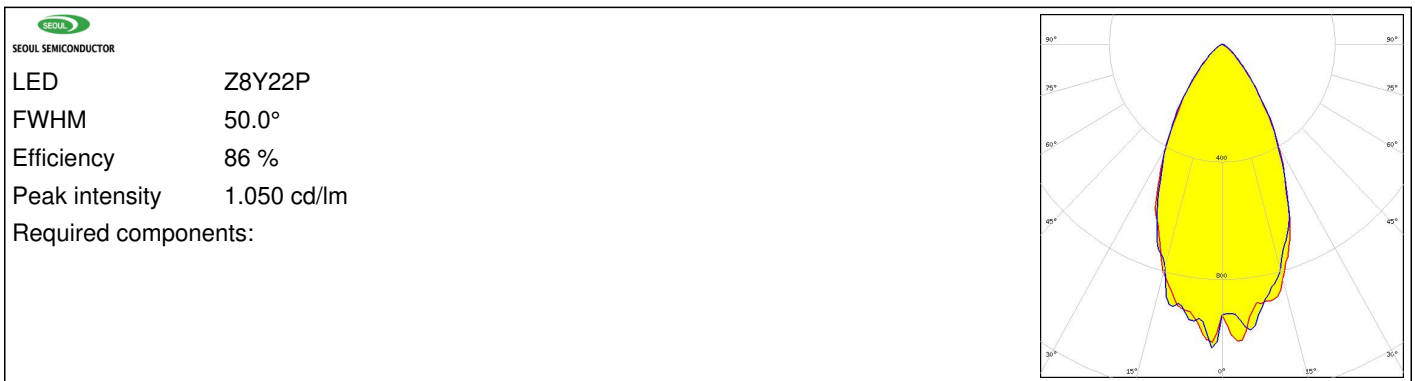
LUMILEDS

LED LUXEON Q
FWHM 54.0°
Efficiency 84 %
Peak intensity 1.000 cd/lm
Required components:

OSRAM Opto Semiconductors

LED SFH 4770S
FWHM 35.0°
Efficiency 91 %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):



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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