



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-WW-PIN

~45° wide beam. 6.8 mm high variant with location pin installation.

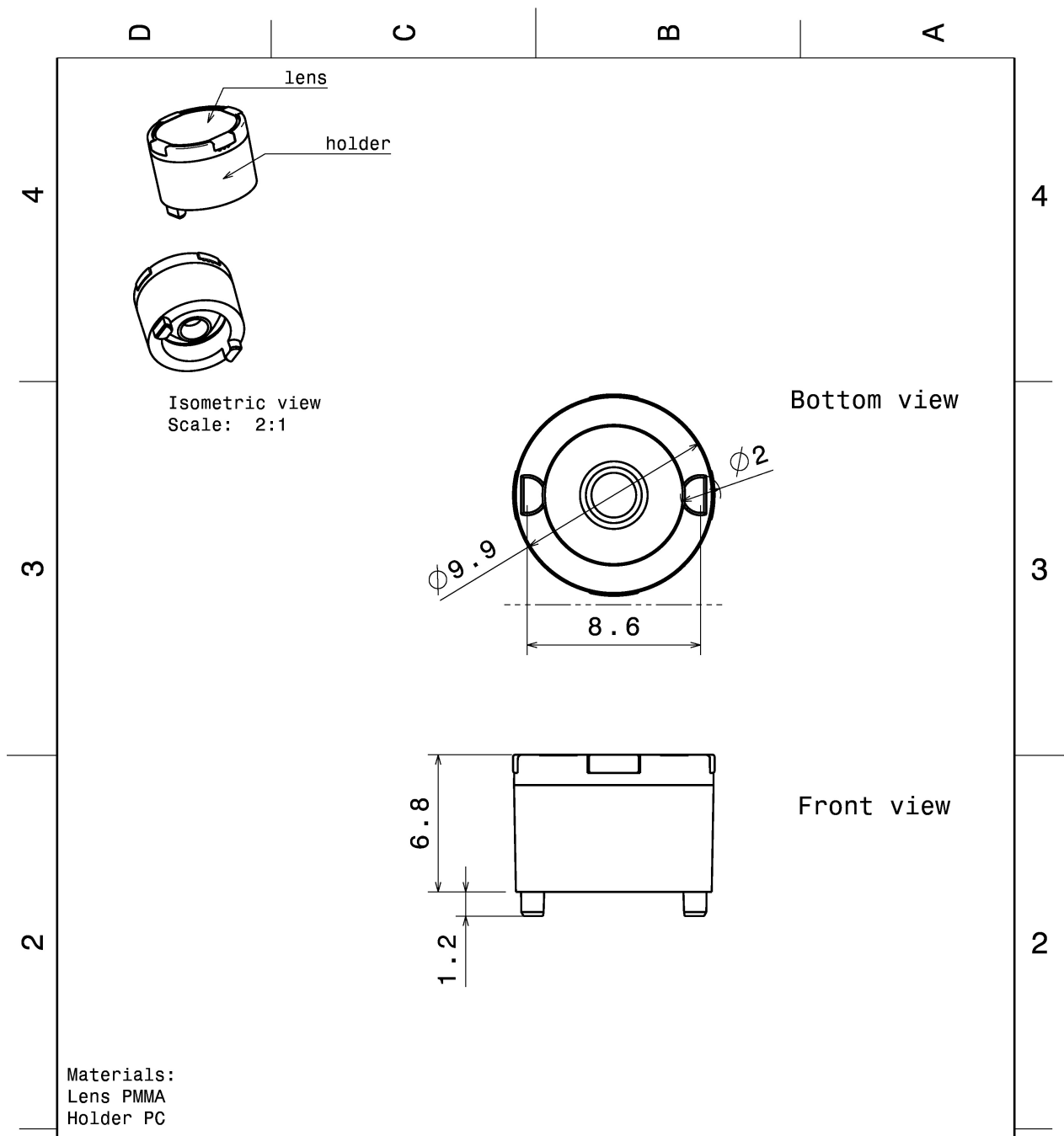
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
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-PIN	Holder	PC	black

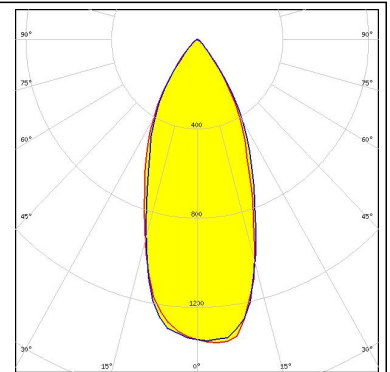
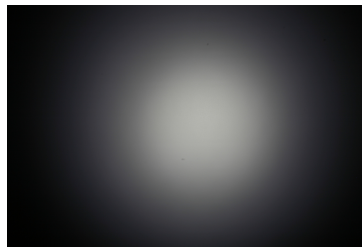


This drawing is our property. It can't be reproduced or communicated without our written agreement.				LediL Oy Salorankatu 10 FIN-24240 SALO Finland	
DRAWN BY p1		DATE 20.06.2012		DRAWING TITLE Datasheet Lisa2-Pin-XT Series Assy	
CHECKED BY		DATE		SIZE A4	
DESIGNED BY p1		DATE 20.06.2012		DRAWING NUMBER	
		SCALE 4:1		WEIGHT (g)	
		SHEET 1/1		REV 1	

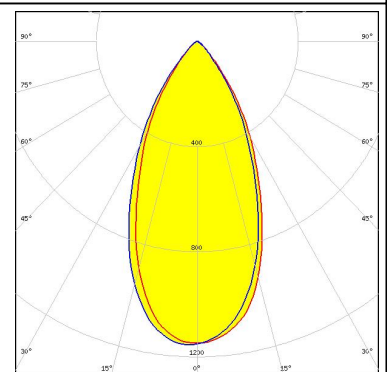
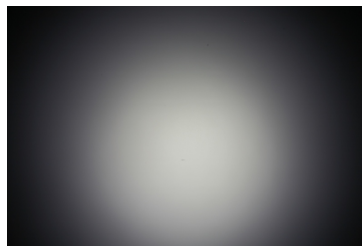
PHOTOMETRIC DATA (MEASURED):



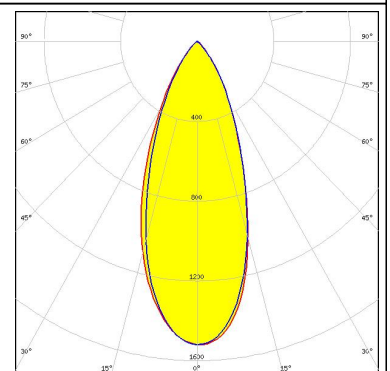
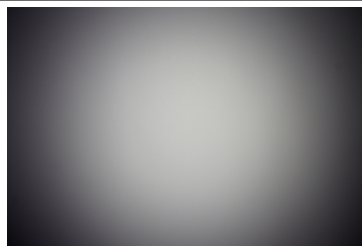
LED XP-E2
FWHM 43.0°
Efficiency 88 %
Peak intensity 1.350 cd/lm
Required components:



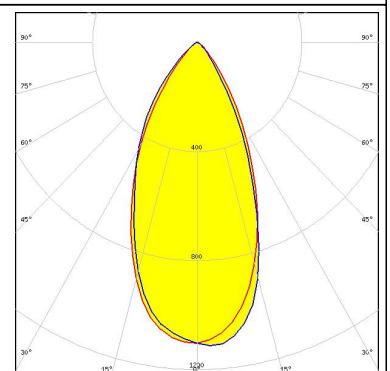
LED XP-G2
FWHM 47.0°
Efficiency 88 %
Peak intensity 1.200 cd/lm
Required components:




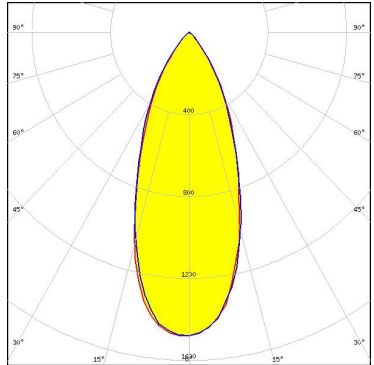
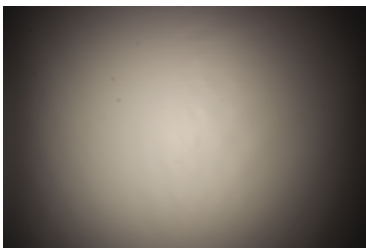
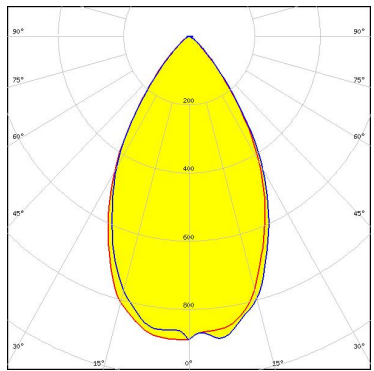

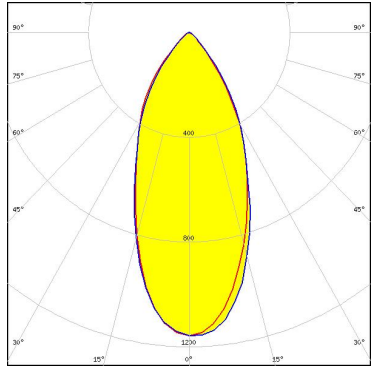
LED XP-G3
FWHM 42.0°
Efficiency 84 %
Peak intensity 1.520 cd/lm
Required components:



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



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19B FWHM 41.0° Efficiency 86 % Peak intensity 1.500 cd/lm Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 41.0° Efficiency 85 % Peak intensity 1.400 cd/lm Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Oslon Square EC FWHM 46.0° Efficiency 84 % Peak intensity 1.600 cd/lm Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4715S FWHM 36.0° Efficiency % Peak intensity cd/lm Required components:</p>		

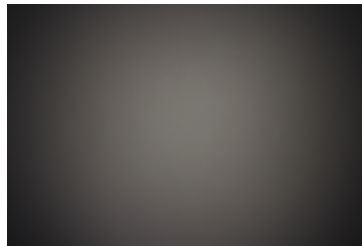
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 34.0°
Efficiency %
Peak intensity cd/lm
Required components:

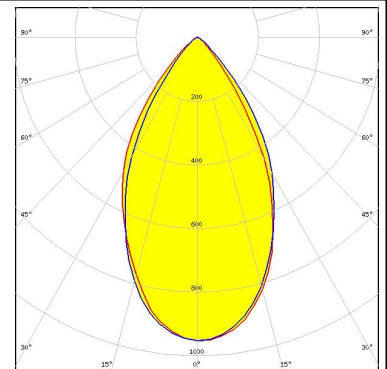
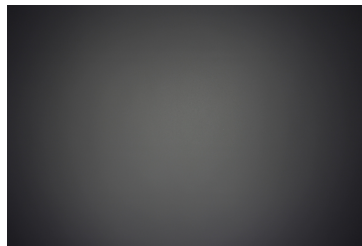
SAMSUNG

LED LH351B
FWHM 56.0°
Efficiency 88 %
Peak intensity 1.020 cd/lm
Required components:



SAMSUNG

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



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

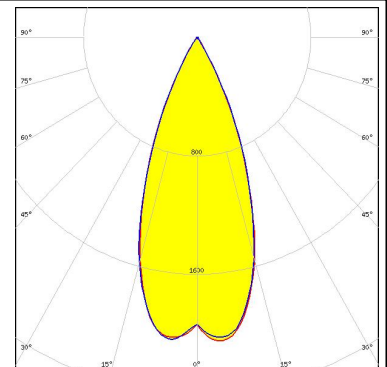
LED LUXEON IR Domed 150
 FWHM 60.0°
 Efficiency 89 %
 Peak intensity 0.000 cd/lm
 Required components:

LUMILEDS

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

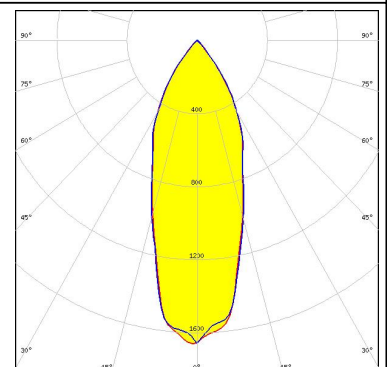
LUMILEDS

LED LUXEON TX
 FWHM 40.0°
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 Required components:



OSRAM
Opto Semiconductors

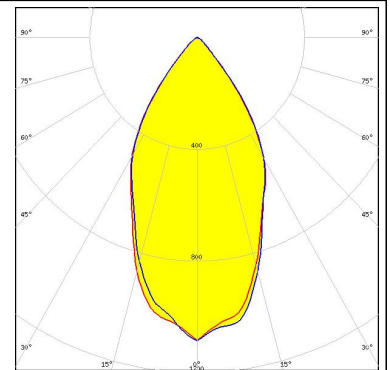
LED Oslon Black
 FWHM 36.0°
 Efficiency 93 %
 Peak intensity 1.700 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

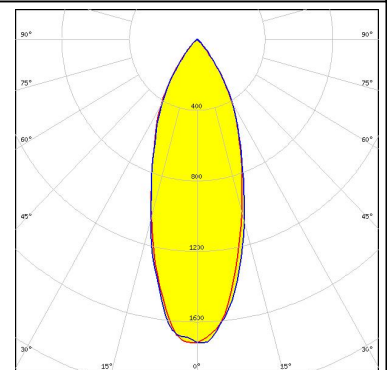
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 55.0°
Efficiency 91 %
Peak intensity 1.100 cd/lm
Required components:



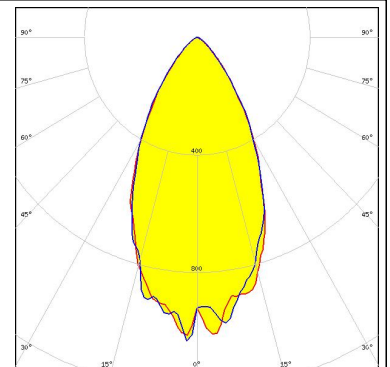
OSRAM
Opto Semiconductors

LED SFH 4715AS
FWHM 36.0°
Efficiency 92 %
Peak intensity 0.000 cd/lm
Required components:



SEOL
SEoul SEMICONDUCTOR

LED Z8Y22P
FWHM 50.0°
Efficiency 86 %
Peak intensity 1.050 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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