



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

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



LISA2-W-PIN

~35° wide beam. 6.8 mm high variant with location pin installation.

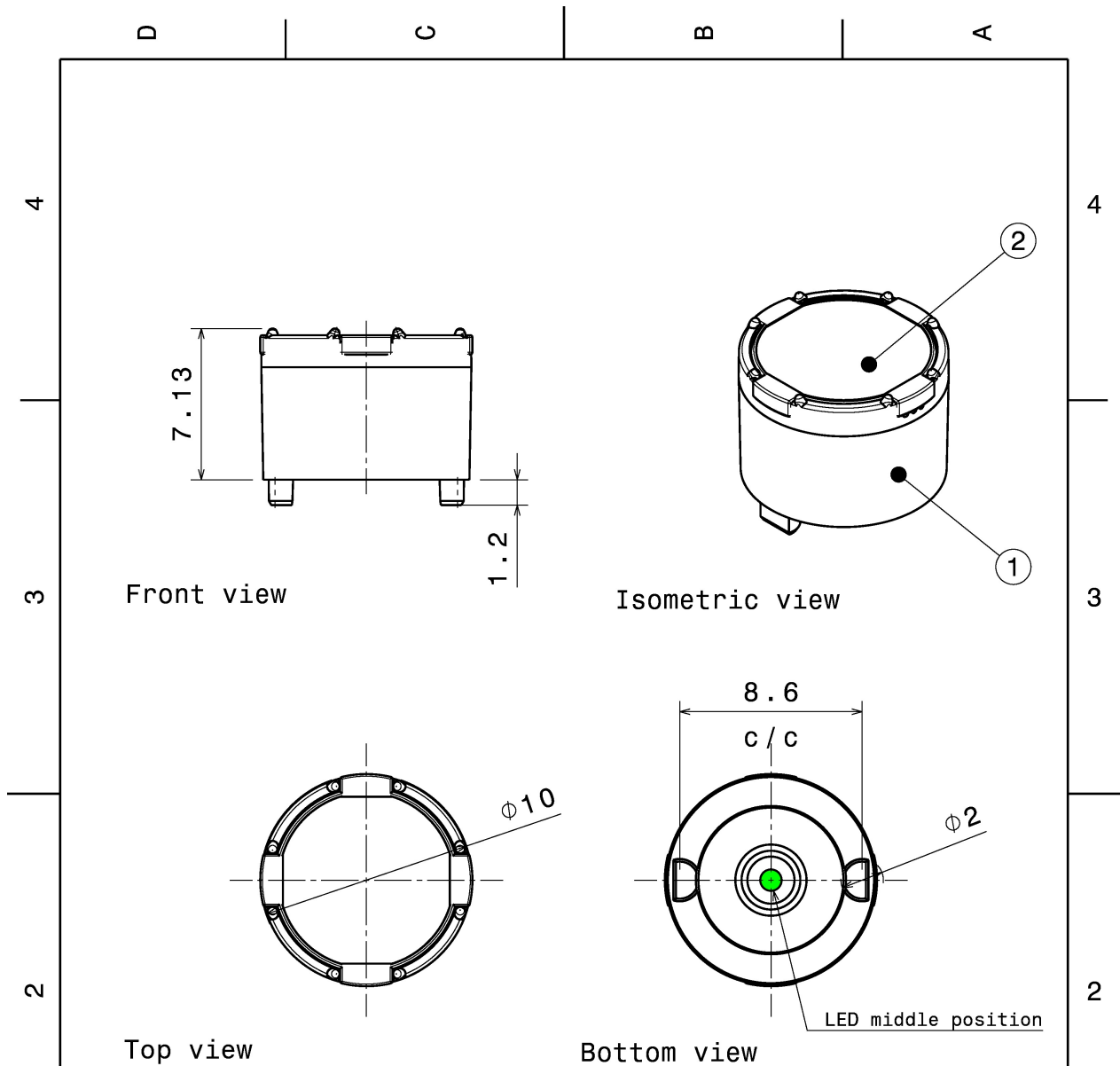
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10 mm
Height	6.8 mm
Fastening	glue, pin
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-PIN	Holder	PC	black



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F10989	LISA2-HLD-PIN	PC	black
2	-	LISA2_lens	PMMA	

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

Lisa2-PIN-XP assembly

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SIZE PART NUMBER

A4

-

SCALE

4:1

WEIGHT

0,5 g

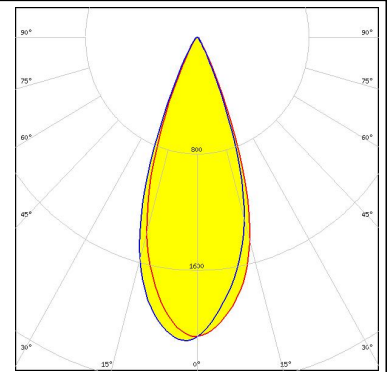
SHEET

1/1

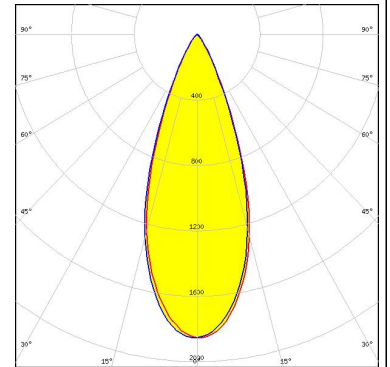
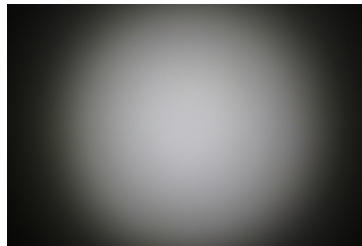
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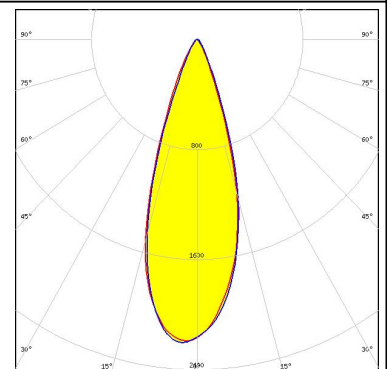
LED XP-G2
 FWHM 36.0°
 Efficiency 88 %
 Peak intensity 2.200 cd/lm
 Required components:



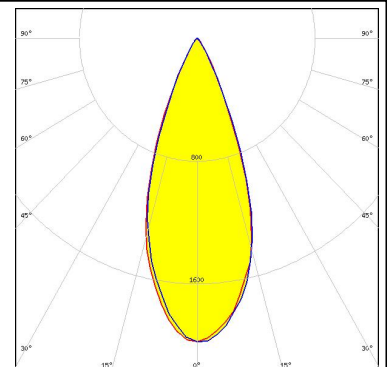
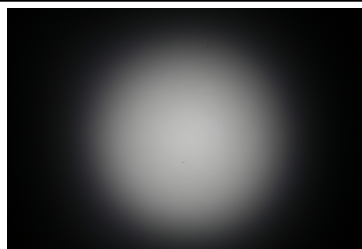
LED XP-G3
 FWHM 39.0°
 Efficiency 84 %
 Peak intensity 1.860 cd/lm
 Required components:



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



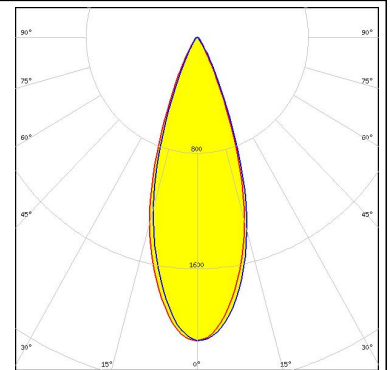
LED H35C1 (LEMWA33)
 FWHM 40.0°
 Efficiency 88 %
 Peak intensity 2.000 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

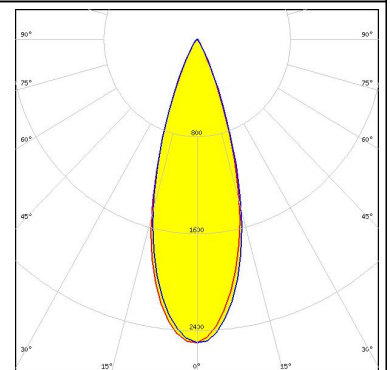
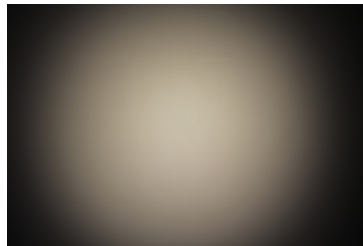
LUMILEDS

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



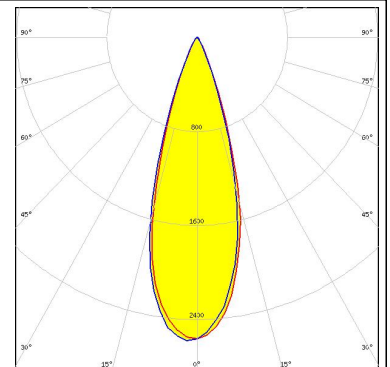
LUMILEDS

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



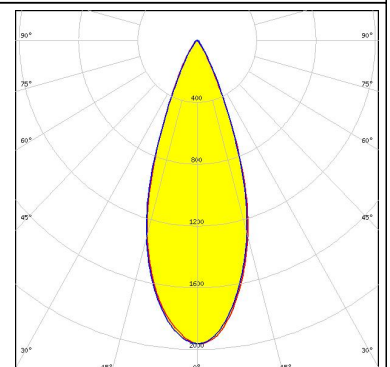
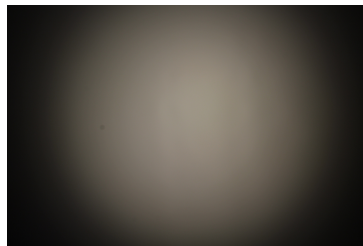
NICHIA

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



NICHIA

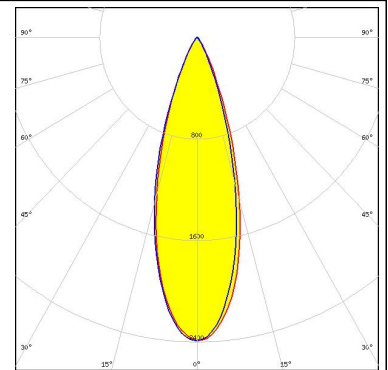
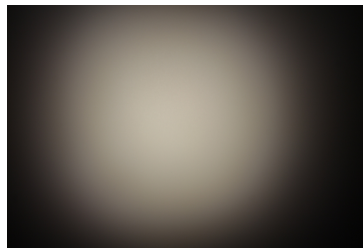
LED NVSxx19B/NVSxx19C
 FWHM 38.0°
 Efficiency 86 %
 Peak intensity 2.000 cd/lm
 Required components:



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

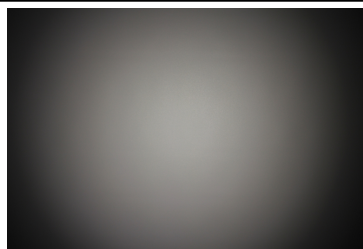
LED SFH 4715S
FWHM 24.0°
Efficiency %
Peak intensity cd/lm
Required components:

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 24.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:

SAMSUNG

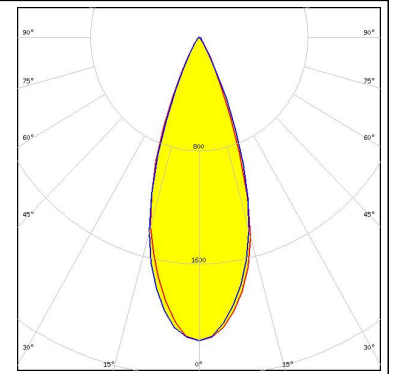
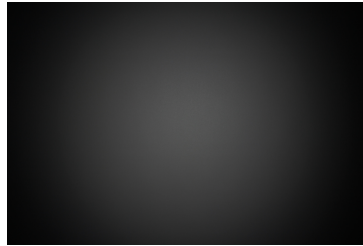
LED LH351B
FWHM 39.0°
Efficiency 88 %
Peak intensity 1.880 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

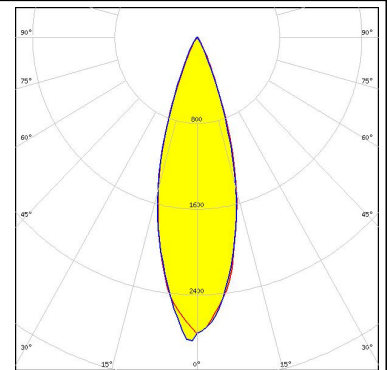
LED LH351Z
FWHM 38.0°
Efficiency 88 %
Peak intensity 2.100 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



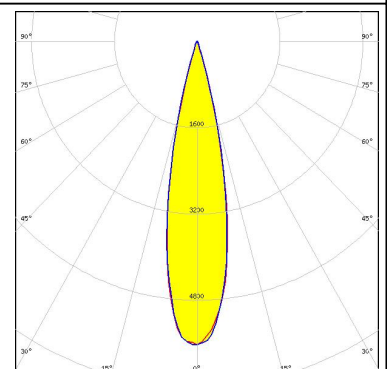
LED LUXEON H50-2
 FWHM 30.0°
 Efficiency 89 %
 Peak intensity 2.800 cd/lm
 Required components:



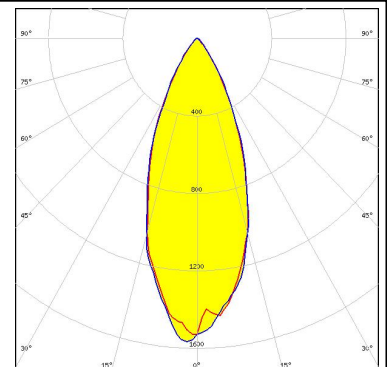
LED LUXEON IR Compact
 FWHM 34.0°
 Efficiency 83 %
 Peak intensity 0.000 cd/lm
 Required components:



LED Oslon Black
 FWHM 22.0°
 Efficiency 90 %
 Peak intensity 5.700 cd/lm
 Required components:



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:

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