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

LISA2-M-PIN

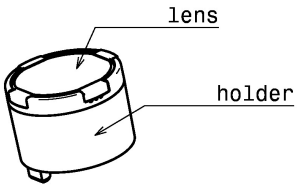
~20° medium beam. 6.8 mm high variant with location pin installation.

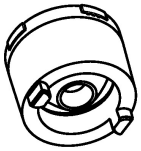
TECHNICAL SPECIFICATIONS:

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

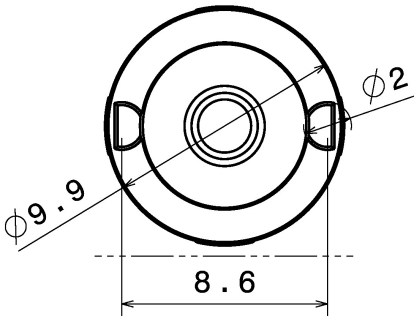
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-M	Lens	PMMA	clear
LISA2-HLD-PIN	Holder	PC	black

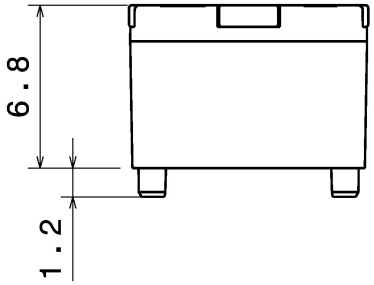




Isometric view
Scale: 2:1



Bottom view



Front view

Materials:
Lens PMMA
Holder PC

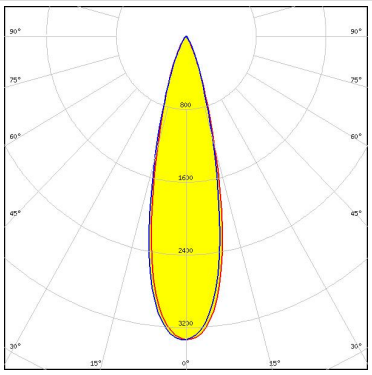
Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWN BY: pl	DATE: 20.06.2012	DRAWING TITLE: Datasheet Lisa2-Pin-XT Series Assy			
CHECKED BY	DATE	SIZE: A4	DRAWING NUMBER	REV: 1	
DESIGNED BY: pl	DATE: 20.06.2012	SCALE: 4:1	WEIGHT(g)		SHEET: 1/1

PHOTOMETRIC DATA (MEASURED):

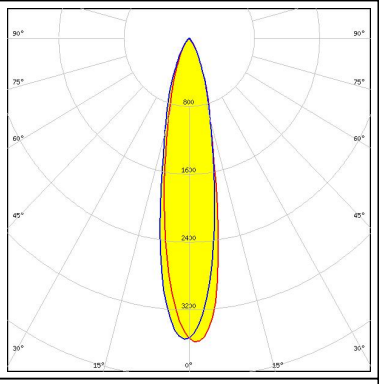
CREE

LED	XP-G2
FWHM	25.0°
Efficiency	89 %
Peak intensity	3.500 cd/lm
Required components:	



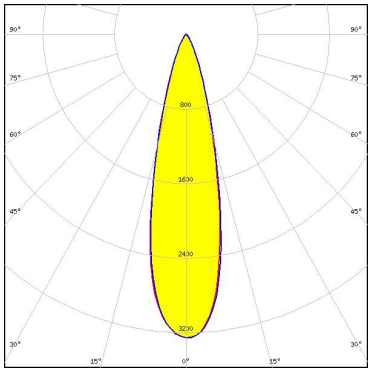
CREE

LED	XP-G3
FWHM	21.0°
Efficiency	84 %
Peak intensity	3.600 cd/lm
Required components:	



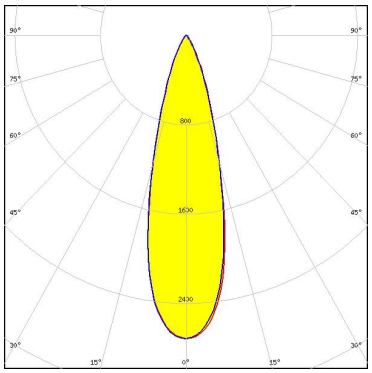
CREE

LED	XT-E
FWHM	26.0°
Efficiency	89 %
Peak intensity	3.260 cd/lm
Required components:	



LUMILEDS

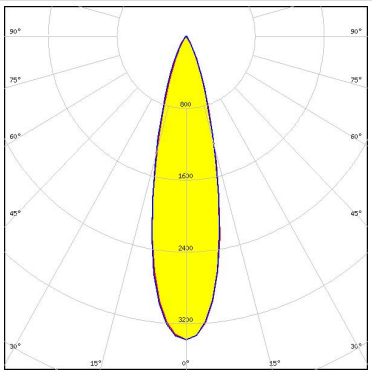
LED	LUXEON T
FWHM	28.0°
Efficiency	87 %
Peak intensity	2.700 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

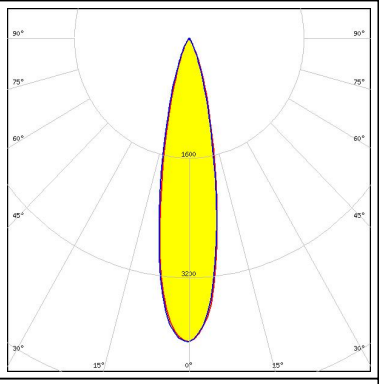
LUMILEDS

LED	LUXEON TX
FWHM	26.0°
Efficiency	88 %
Peak intensity	3.380 cd/lm
Required components:	



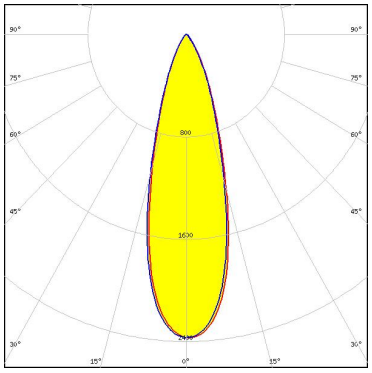
NICHIA

LED	NCSxx19B
FWHM	23.0°
Efficiency	85 %
Peak intensity	4.100 cd/lm
Required components:	



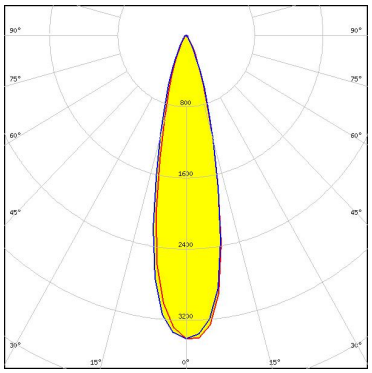
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	30.0°
Efficiency	86 %
Peak intensity	2.400 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	26.0°
Efficiency	84 %
Peak intensity	3.400 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

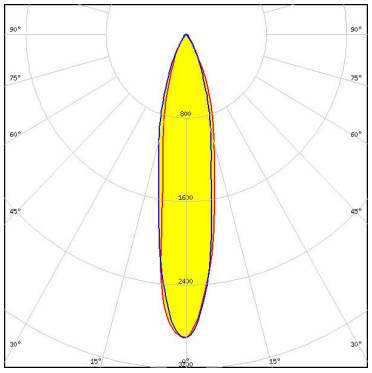
LED	SFH 4715S
FWHM	22.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

OSRAM
Opto Semiconductors

LED	SFH 4725S
FWHM	23.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	

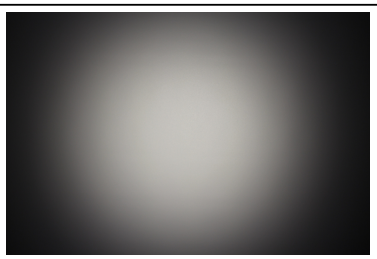
SAMSUNG

LED	LH181B
FWHM	20.0°
Efficiency	78 %
Peak intensity	2.900 cd/lm
Required components:	



SAMSUNG

LED	LH351B
FWHM	31.0°
Efficiency	87 %
Peak intensity	2.600 cd/lm
Required components:	

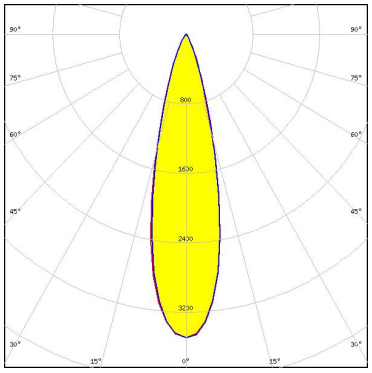


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	LH351Z
FWHM	26.0°
Efficiency	87 %
Peak intensity	3.500 cd/lm

Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

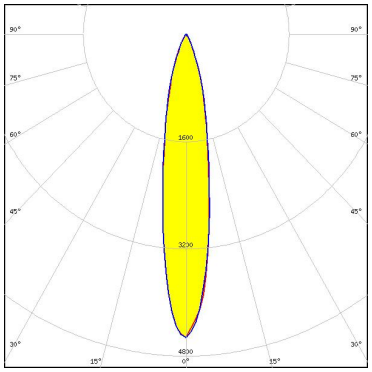
LED	LUXEON IR Compact
FWHM	14.0°
Efficiency	82 %
Peak intensity	0.000 cd/lm
Required components:	

LUMILEDS

LED	LUXEON IR Domed 150
FWHM	20.0°
Efficiency	88 %
Peak intensity	0.000 cd/lm
Required components:	

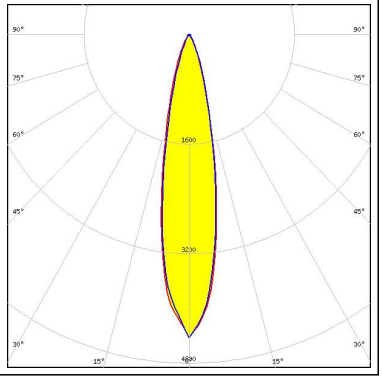
NICHIA

LED	NVSxE21A
FWHM	18.0°
Efficiency	85 %
Peak intensity	4.530 cd/lm
Required components:	



OSRAM
Opto Semiconductors

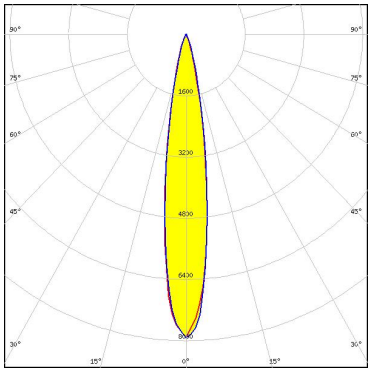
LED	Oslon Square Gen3
FWHM	21.0°
Efficiency	91 %
Peak intensity	4.430 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

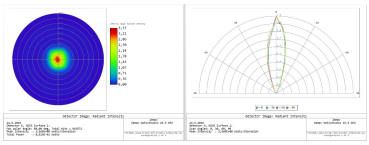
OSRAM Opto Semiconductors

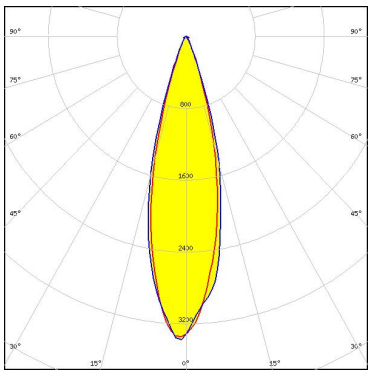
LED	Oslon SSL 150
FWHM	16.0°
Efficiency	91 %
Peak intensity	7.900 cd/lm
Required components:	



OSRAM Opto Semiconductors

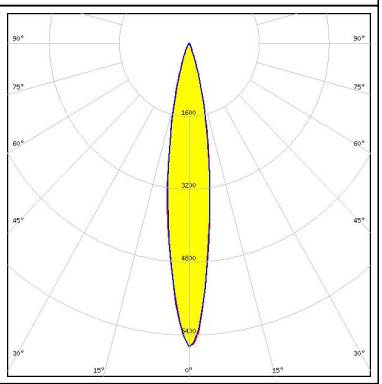
LED	SFH 4715AS
FWHM	26.0°
Efficiency	89 %
Peak intensity	cd/lm
Required components:	





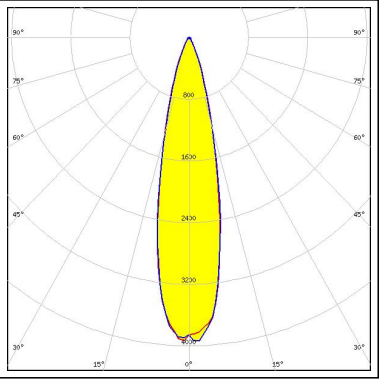
OSRAM Opto Semiconductors

LED	SFH 4716AS
FWHM	16.0°
Efficiency	89 %
Peak intensity	0.000 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	23.0°
Efficiency	91 %
Peak intensity	3.990 cd/lm
Required components:	

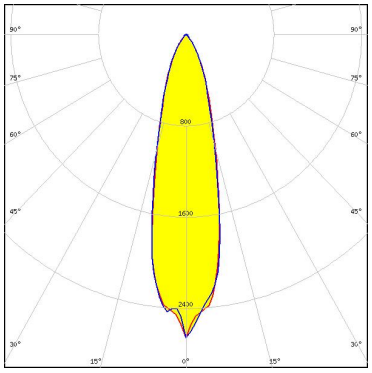


PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	25.0°
Efficiency	84 %
Peak intensity	2.660 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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