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.

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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-PIN

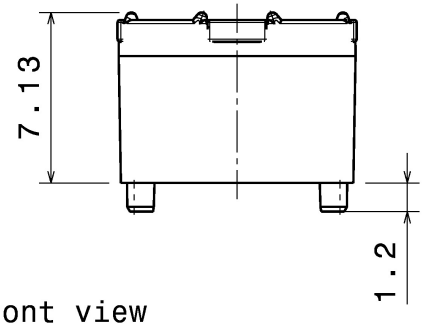
~35° wide beam. 6.8 mm high variant with location pin installation.

TECHNICAL SPECIFICATIONS:

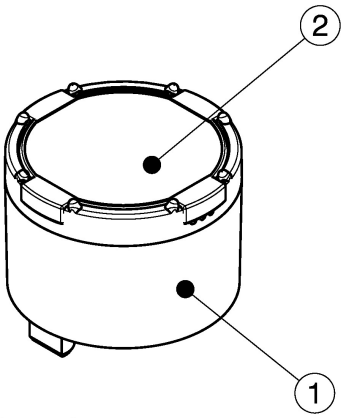
Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

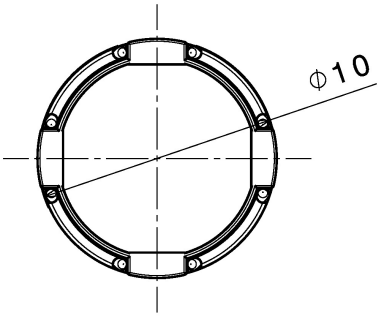
Component	Type	Material	Colour
LISA2-W	Lens	PMMA	clear
LISA2-HLD-PIN	Holder	PC	black



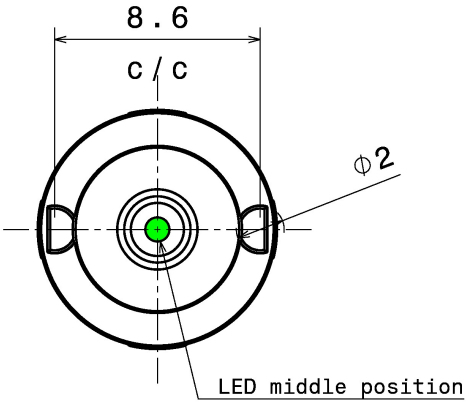
Front view



Isometric view



Top view



Bottom view

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Lisa2-PIN-XP assembly

SIZE A4

PART NUMBER -

SCALE 4:1 WEIGHT 0,5 g SHEET 1/1

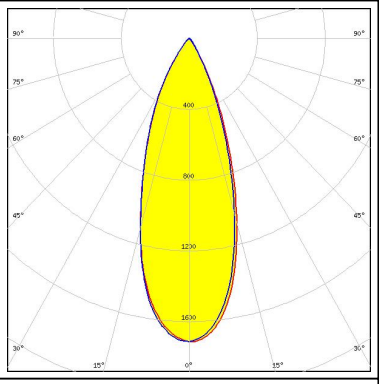
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XB-D
FWHM	32.0°
Efficiency	86 %
Peak intensity	1.930 cd/lm
Required components:	

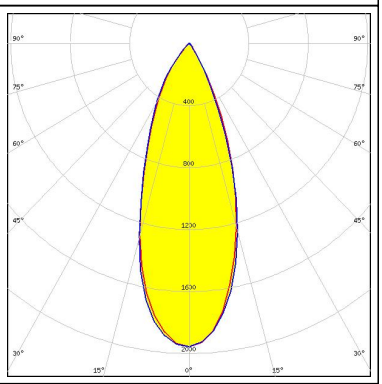
CREE

LED	XD16
FWHM	37.0°
Efficiency	77 %
Peak intensity	1.700 cd/lm
Required components:	



CREE

LED	XP-E
FWHM	37.0°
Efficiency	90 %
Peak intensity	1.960 cd/lm
Required components:	



CREE

LED	XP-G
FWHM	48.0°
Efficiency	92 %
Peak intensity	cd/lm
Required components:	

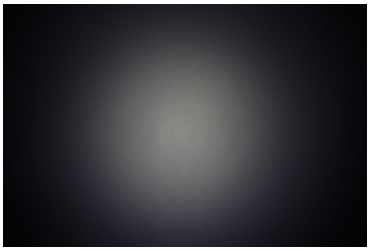
PHOTOMETRIC DATA (MEASURED):

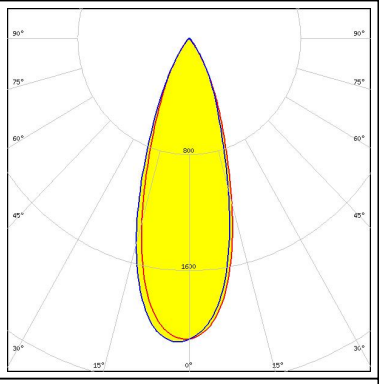
LUMILEDS

LED	LUXEON A
FWHM	46.0°
Efficiency	88 %
Peak intensity	1.200 cd/lm
Required components:	

LUMILEDS

LED	LUXEON C
FWHM	34.0°
Efficiency	88 %
Peak intensity	2.100 cd/lm
Required components:	





LUMILEDS

LED	LUXEON Rebel ES
FWHM	46.0°
Efficiency	93 %
Peak intensity	cd/lm
Required components:	

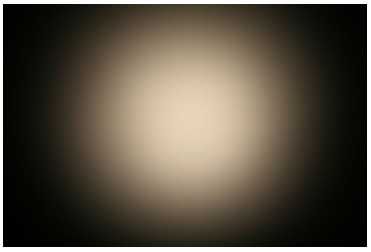
LUMILEDS

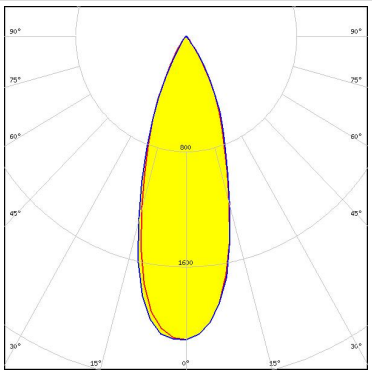
LED	LUXEON Z
FWHM	27.0°
Efficiency	87 %
Peak intensity	2.860 cd/lm
Required components:	

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

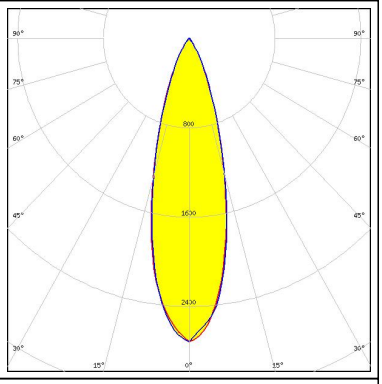
LED	LUXEON Z ES
FWHM	35.0°
Efficiency	87 %
Peak intensity	2.100 cd/lm
Required components:	





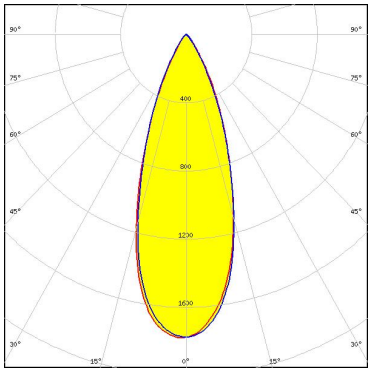
NICHIA

LED	NCSxE17A
FWHM	29.0°
Efficiency	80 %
Peak intensity	2.400 cd/lm
Required components:	



SAMSUNG

LED	LH181B
FWHM	36.0°
Efficiency	80 %
Peak intensity	1.800 cd/lm
Required components:	



SHARP

LED	Double Dome (GM2BB)
FWHM	44.0°
Efficiency	88 %
Peak intensity	cd/lm
Required components:	

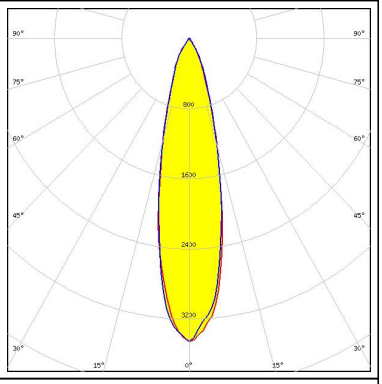
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XQ-E
FWHM	49.0°
Efficiency	90 %
Peak intensity	1.250 cd/lm
Required components:	

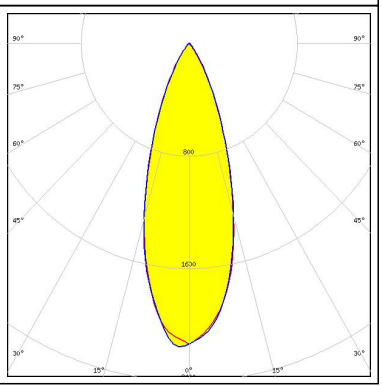
CREE

LED	XQ-E HI
FWHM	23.0°
Efficiency	89 %
Peak intensity	3.600 cd/lm
Required components:	



NICHIA

LED	NVSxE21A
FWHM	34.0°
Efficiency	87 %
Peak intensity	2.160 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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