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

G2-LXP2-M-P

~20° medium beam with light, black holder. Assembly with location pins and installation tape.

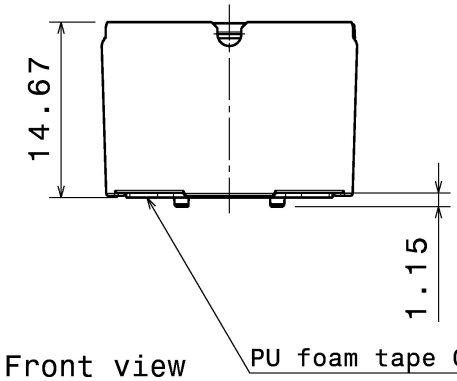
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape, pin
Colour	black
Box size	
Box weight	8.1 kg
Quantity in Box	1680 pcs
ROHS compliant	yes

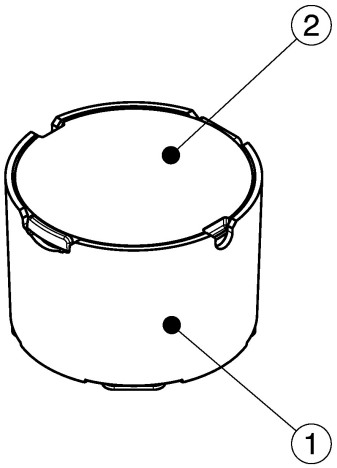
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LXP2-M	Lens	PMMA	clear
LXP2-LT-HLD	Holder	PC	black
HEIDI-TAPE	Tape	Acrylic tape	black

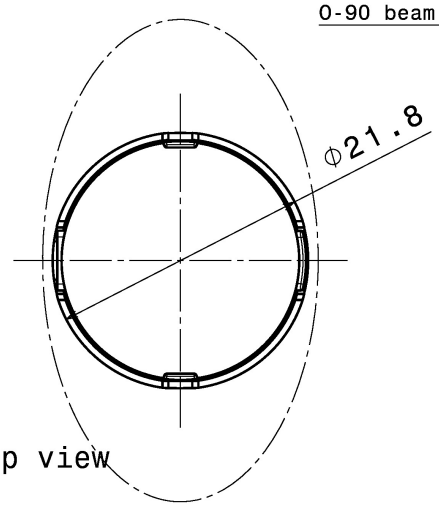
Applies to:
CA14503
CA14505
CA14507
CA14509
CA14511



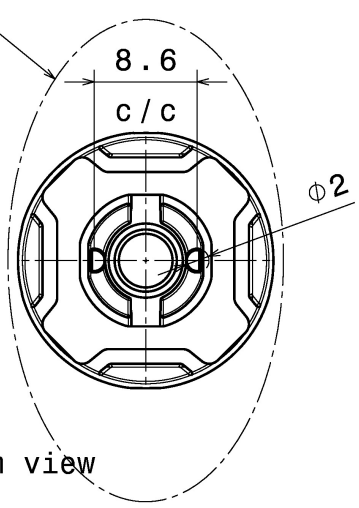
Front view



Isometric view



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14443	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

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
LEILA-G2-LXP2-PIN

SIZE A4 | PART NUMBER -

SCALE 2:1 | WEIGHT 4,0 g | SHEET 1/1

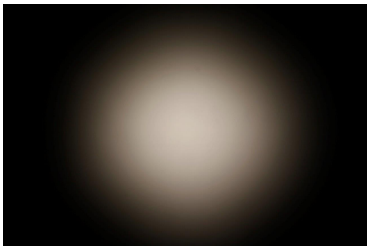
PHOTOMETRIC DATA (MEASURED):

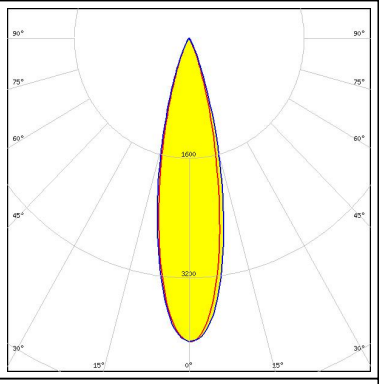
CREE

LED	XP-E
FWHM	22.0°
Efficiency	88 %
Peak intensity	5.170 cd/lm
Required components:	

CREE

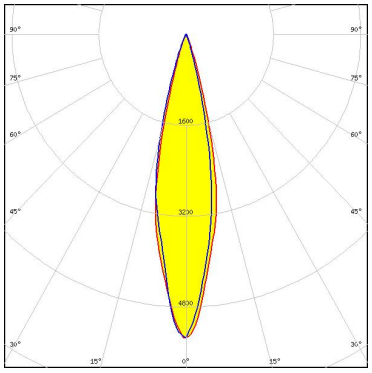
LED	XP-L
FWHM	24.0°
Efficiency	86 %
Peak intensity	4.100 cd/lm
Required components:	





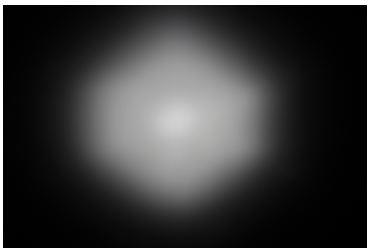
LUMILEDS

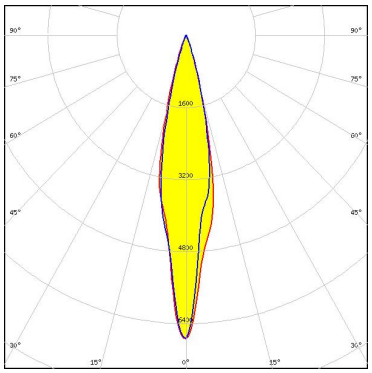
LED	LUXEON C
FWHM	23.0°
Efficiency	82 %
Peak intensity	5.300 cd/lm
Required components:	



LUMILEDS

LED	LUXEON CZ
FWHM	20.0°
Efficiency	89 %
Peak intensity	6.700 cd/lm
Required components:	

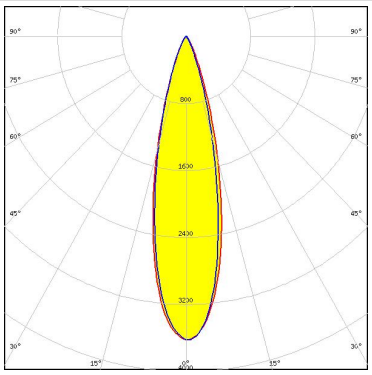




PHOTOMETRIC DATA (MEASURED):

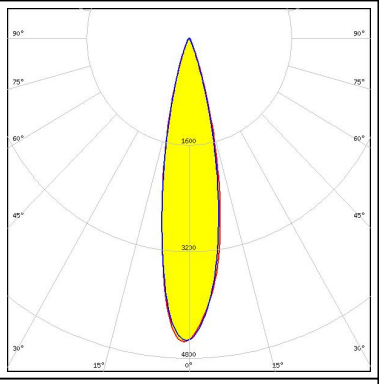
LUMILEDS

LED	LUXEON V
FWHM	26.0°
Efficiency	86 %
Peak intensity	3.600 cd/lm
Required components:	



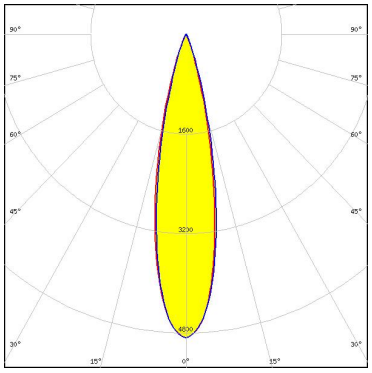
NICHIA

LED	NCSxx19A
FWHM	22.0°
Efficiency	86 %
Peak intensity	4.600 cd/lm
Required components:	



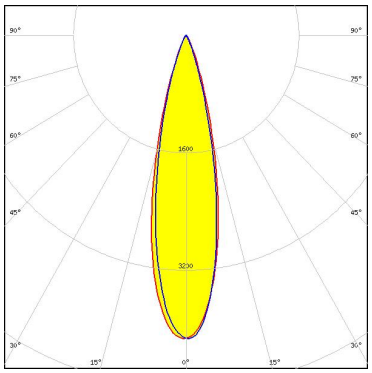
NICHIA

LED	NVSW219D
FWHM	23.0°
Efficiency	90 %
Peak intensity	4.900 cd/lm
Required components:	



NICHIA

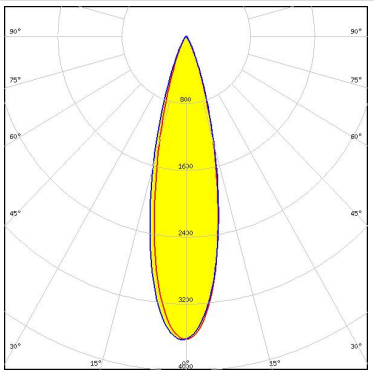
LED	NVSW3x9A
FWHM	24.0°
Efficiency	86 %
Peak intensity	4.300 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

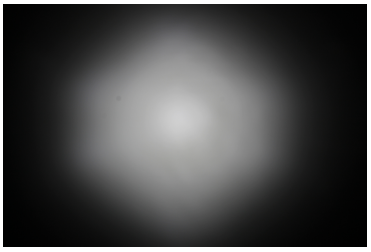
NICHIA

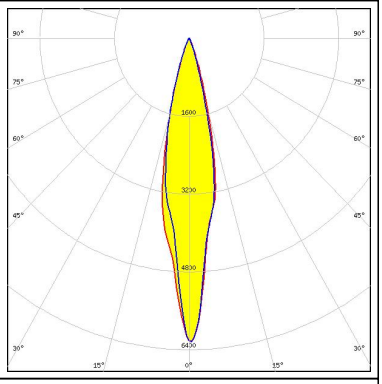
LED	NWSx229A
FWHM	25.0°
Efficiency	86 %
Peak intensity	3.600 cd/lm
Required components:	



OSRAM
Opto Semiconductors

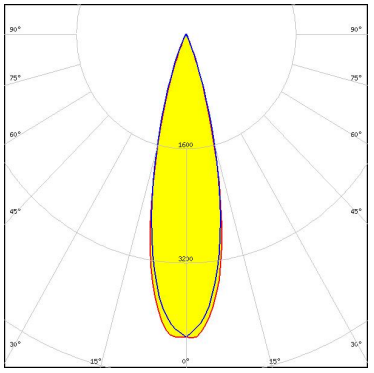
LED	Oslon Black Flat
FWHM	20.0°
Efficiency	87 %
Peak intensity	6.300 cd/lm
Required components:	





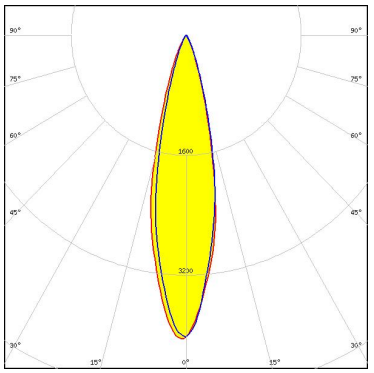
OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	24.0°
Efficiency	90 %
Peak intensity	5.100 cd/lm
Required components:	



SAMSUNG

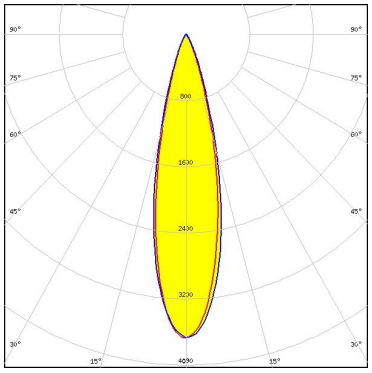
LED	LH181B
FWHM	25.0°
Efficiency	85 %
Peak intensity	4.100 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

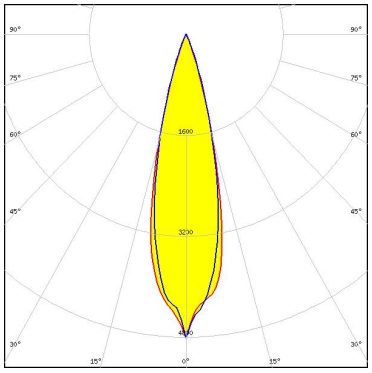
LED	Z8Y22P
FWHM	26.0°
Efficiency	81 %
Peak intensity	3.700 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

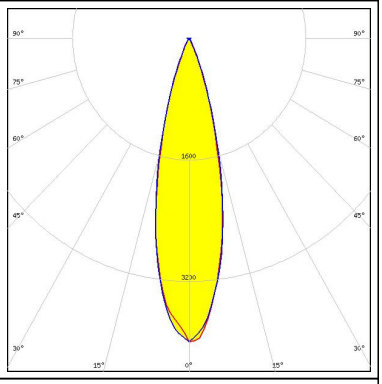
CREE

LED	XP-G2
FWHM	25.0°
Efficiency	93 %
Peak intensity	4.800 cd/lm
Required components:	



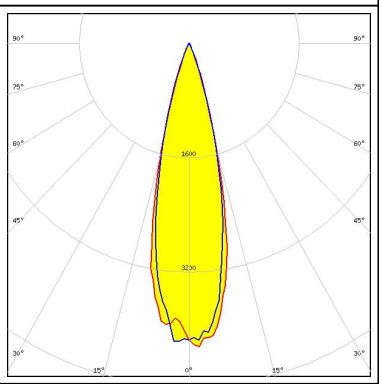
CREE

LED	XP-G3
FWHM	26.0°
Efficiency	89 %
Peak intensity	4.000 cd/lm
Required components:	



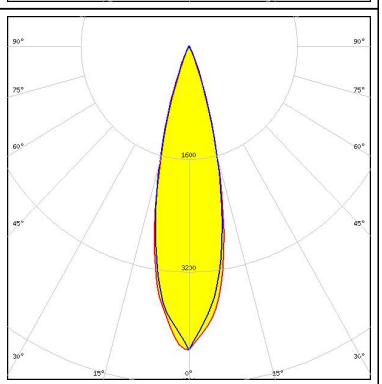
CREE

LED	XT-E
FWHM	26.0°
Efficiency	89 %
Peak intensity	4.300 cd/lm
Required components:	



LG Innotek

LED	H35C1 (LEMWA33)
FWHM	26.0°
Efficiency	91 %
Peak intensity	4.300 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON IR Compact
FWHM	26.0°
Efficiency	84 %
Peak intensity	0.000 cd/lm
Required components:	

LUMILEDS

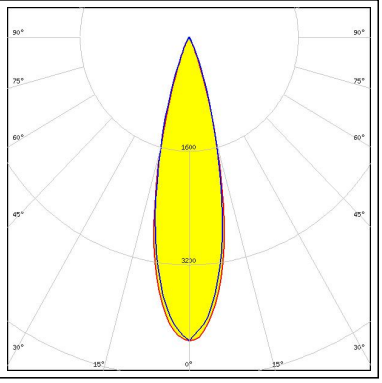
LED	LUXEON IR Domed 60
FWHM	24.0°
Efficiency	88 %
Peak intensity	0.000 cd/lm
Required components:	

LUMILEDS

LED	LUXEON IR Domed 90
FWHM	26.0°
Efficiency	90 %
Peak intensity	0.000 cd/lm
Required components:	

LUMILEDS

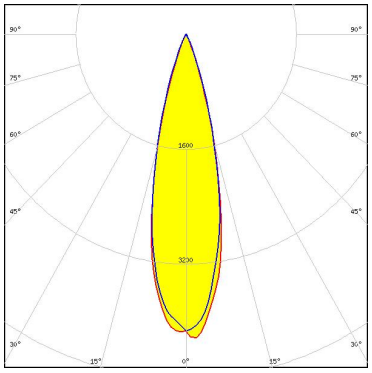
LED	LUXEON T
FWHM	26.0°
Efficiency	92 %
Peak intensity	4.300 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

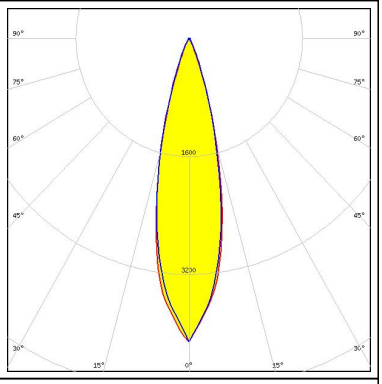
LUMILEDS

LED	LUXEON TX
FWHM	26.0°
Efficiency	91 %
Peak intensity	4.200 cd/lm
Required components:	



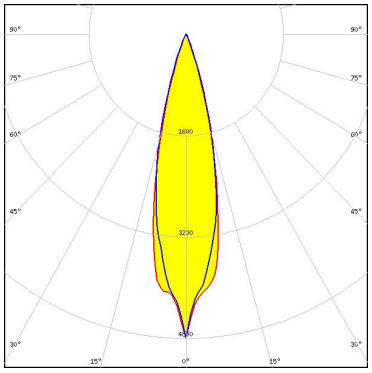
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	25.0°
Efficiency	88 %
Peak intensity	4.100 cd/lm
Required components:	



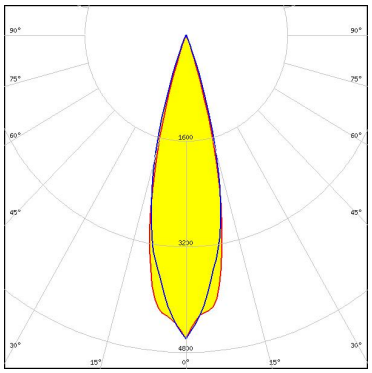
OSRAM
Opto Semiconductors

LED	Oslon Black Flat
FWHM	24.0°
Efficiency	91 %
Peak intensity	4.800 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Oslon SSL 80
FWHM	27.0°
Efficiency	91 %
Peak intensity	4.600 cd/lm
Required components:	



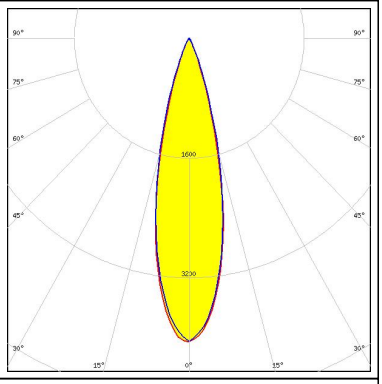
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	SFH 4770S
FWHM	25.0°
Efficiency	84 %
Peak intensity	cd/lm
Required components:	

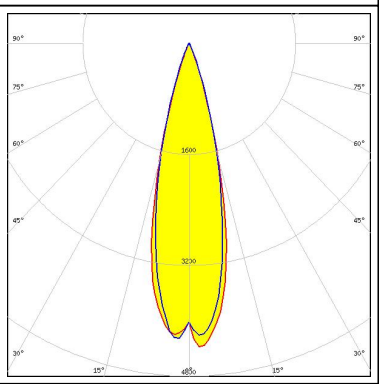
SAMSUNG

LED	LH181B
FWHM	26.0°
Efficiency	90 %
Peak intensity	4.100 cd/lm
Required components:	



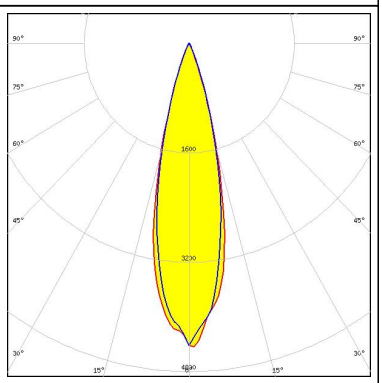
SAMSUNG

LED	LH351A(3535)
FWHM	25.0°
Efficiency	91 %
Peak intensity	4.400 cd/lm
Required components:	



SAMSUNG

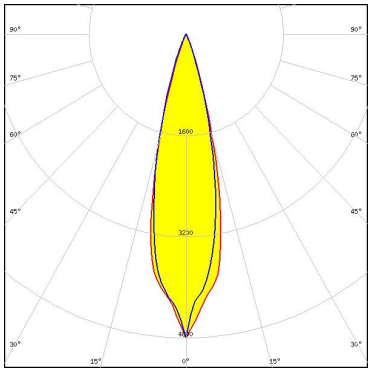
LED	LH351B
FWHM	25.0°
Efficiency	91 %
Peak intensity	4.500 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

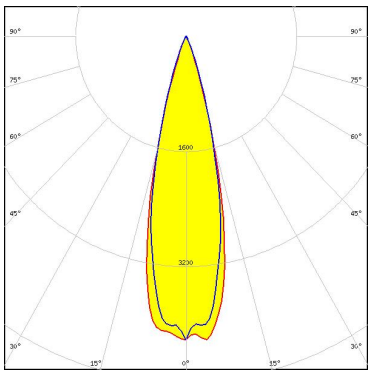
SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	24.0°
Efficiency	92 %
Peak intensity	4.800 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5P
FWHM	26.0°
Efficiency	91 %
Peak intensity	4.300 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:

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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