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

ANNA-40-7-S

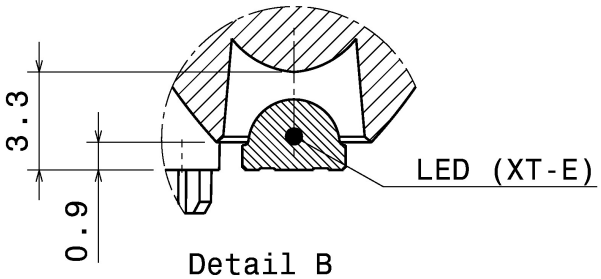
~15° spot beam with 7 optics

TECHNICAL SPECIFICATIONS:

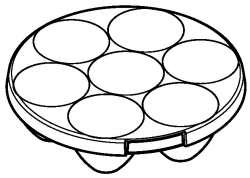
Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.2 kg
Quantity in Box	760 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

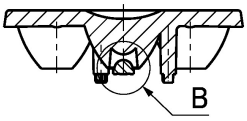
Component	Type	Material	Colour
ANNA-40-7-S	Lens array	PMMA	clear



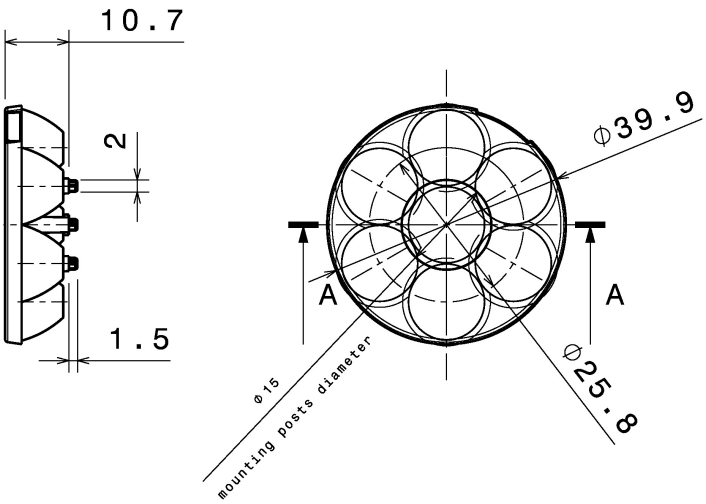
Detail B
Scale: 5:1



Isometric view
Scale: 1:1



Section view A-A
Scale: 1:1



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	ANNA-40-7-series		PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.
According to DIN ISO 2768-2
Form and position: class K

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
ANNA-40-7-series

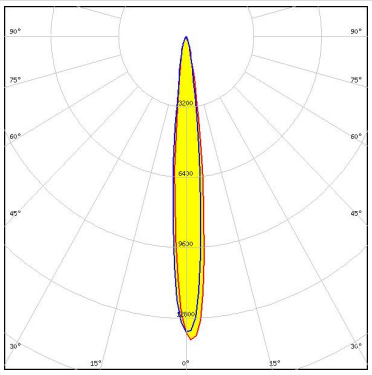
SIZE	PART NUMBER
A4	-

SCALE	WEIGHT		SHEET
1:1	7,60 g		1/1

PHOTOMETRIC DATA (MEASURED):

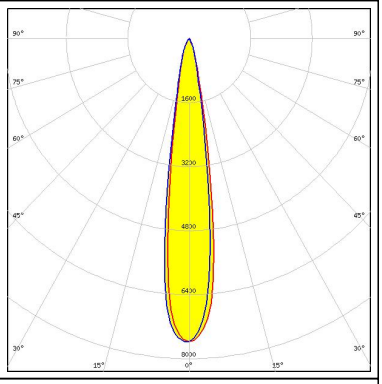
CREE

LED	XP-E2
FWHM	12.0°
Efficiency	87 %
Peak intensity	13.831 cd/lm
Required components:	



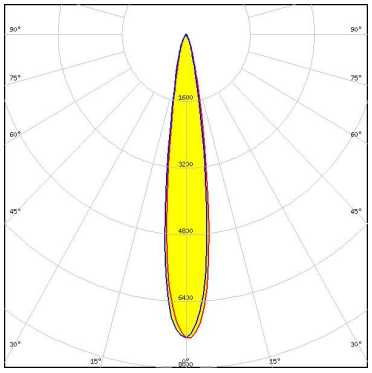
CREE

LED	XP-G2
FWHM	17.0°
Efficiency	91 %
Peak intensity	7.600 cd/lm
Required components:	



CREE

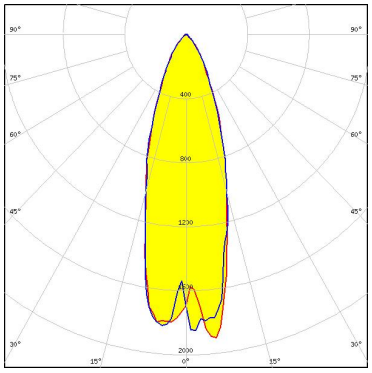
LED	XT-E
FWHM	16.0°
Efficiency	89 %
Peak intensity	7.300 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

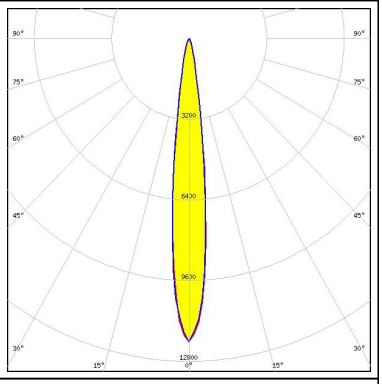
bridgelux

LED	SM4
FWHM	33.0°
Efficiency	87 %
Peak intensity	2.104 cd/lm
Required components:	



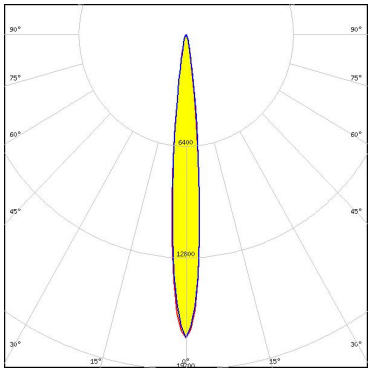
CREE

LED	XB-D
FWHM	13.0°
Efficiency	90 %
Peak intensity	12.030 cd/lm
Required components:	



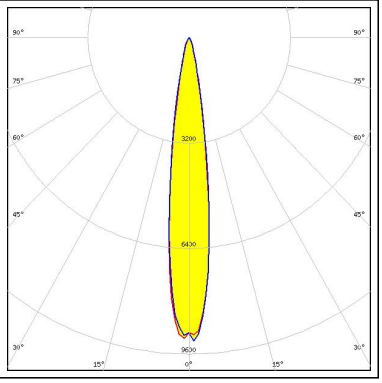
CREE

LED	XP-E
FWHM	11.0°
Efficiency	93 %
Peak intensity	17.390 cd/lm
Required components:	



CREE

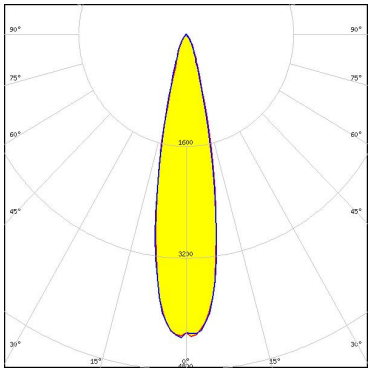
LED	XP-G
FWHM	15.0°
Efficiency	93 %
Peak intensity	9.337 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

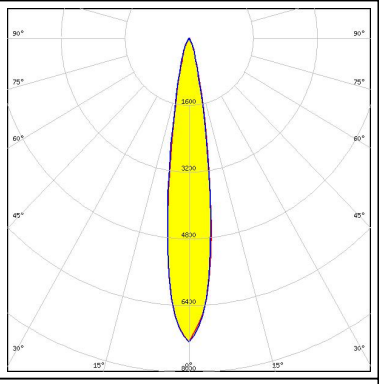
CREE

LED	XP-L
FWHM	22.0°
Efficiency	92 %
Peak intensity	4.370 cd/lm
Required components:	



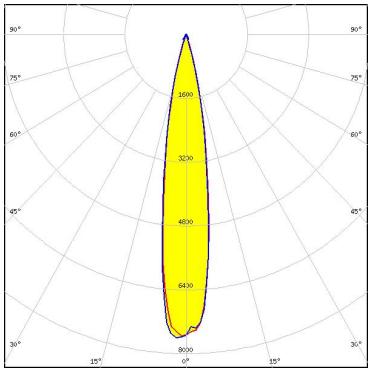
LG Innotek

LED	H35C0 (LEMWA33)
FWHM	16.0°
Efficiency	92 %
Peak intensity	7.270 cd/lm
Required components:	



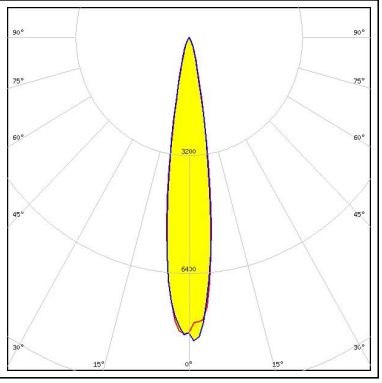
LUMILEDS

LED	LUXEON PWT
FWHM	17.0°
Efficiency	88 %
Peak intensity	7.630 cd/lm
Required components:	



LUMILEDS

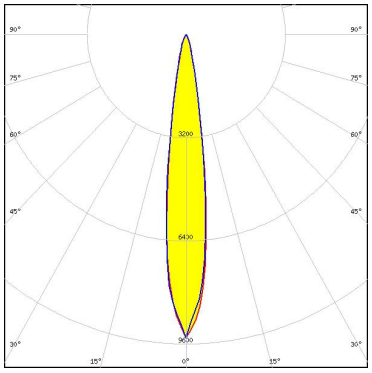
LED	LUXEON T
FWHM	17.0°
Efficiency	92 %
Peak intensity	8.467 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

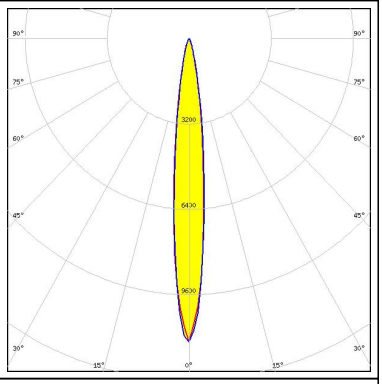
LUMILEDS

LED	LUXEON TX
FWHM	15.0°
Efficiency	93 %
Peak intensity	9.400 cd/lm
Required components:	



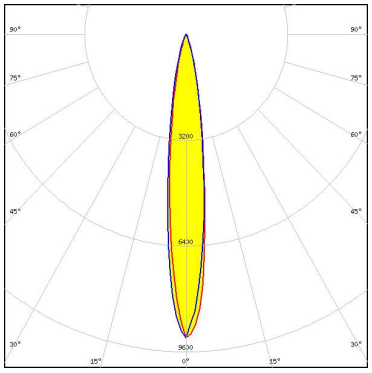
NICHIA

LED	NCSxx19A
FWHM	17.0°
Efficiency	87 %
Peak intensity	7.748 cd/lm
Required components:	



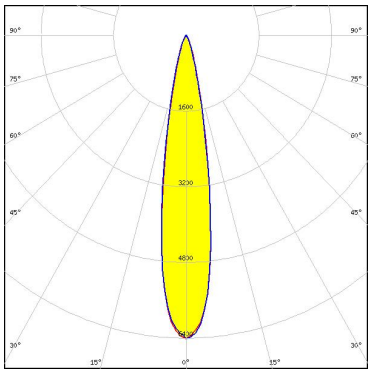
NICHIA

LED	NF2x757A
FWHM	14.0°
Efficiency	92 %
Peak intensity	9.180 cd/lm
Required components:	



NICHIA

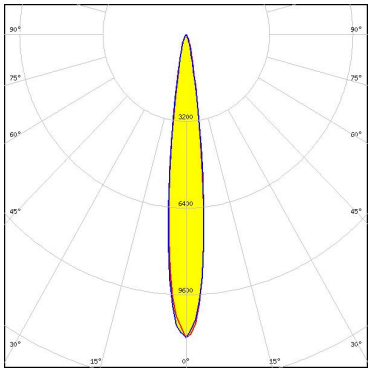
LED	NVSxx19B/NVSxx19C
FWHM	18.0°
Efficiency	92 %
Peak intensity	6.270 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

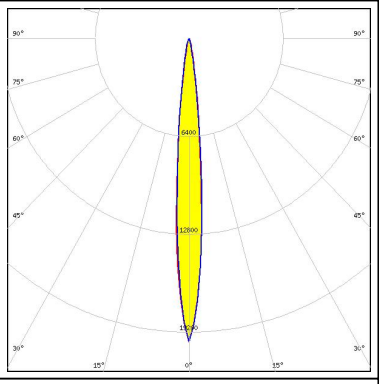
OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	13.0°
Efficiency	92 %
Peak intensity	11.210 cd/lm
Required components:	



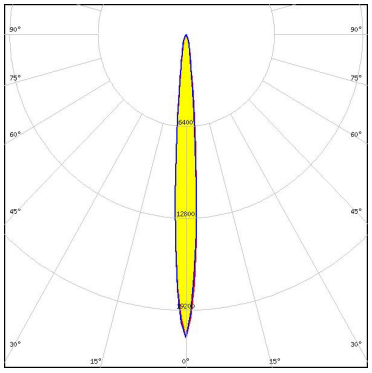
OSRAM
Opto Semiconductors

LED	Oslon SSL 150
FWHM	10.0°
Efficiency	92 %
Peak intensity	19.840 cd/lm
Required components:	



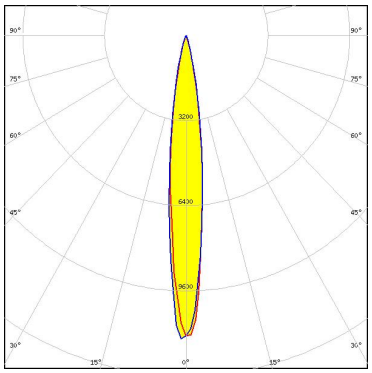
OSRAM
Opto Semiconductors

LED	Oslon SSL 80
FWHM	8.0°
Efficiency	%
Peak intensity	21.130 cd/lm
Required components:	



OSRAM
Opto Semiconductors

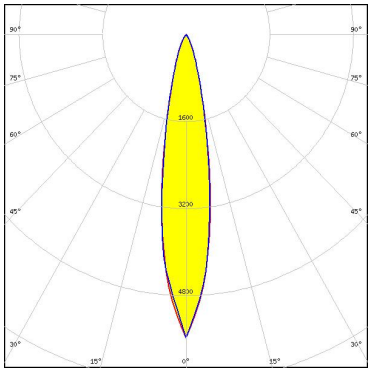
LED	SFH 4715S
FWHM	13.0°
Efficiency	90 %
Peak intensity	11.690 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

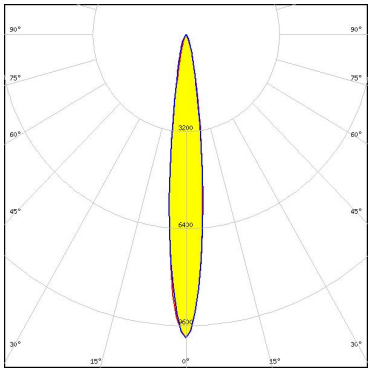
SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	18.0°
Efficiency	90 %
Peak intensity	5.500 cd/lm
Required components:	



SHARP

LED	Double Dome (GM2BB)
FWHM	13.0°
Efficiency	89 %
Peak intensity	10.000 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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