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

EMILY-W

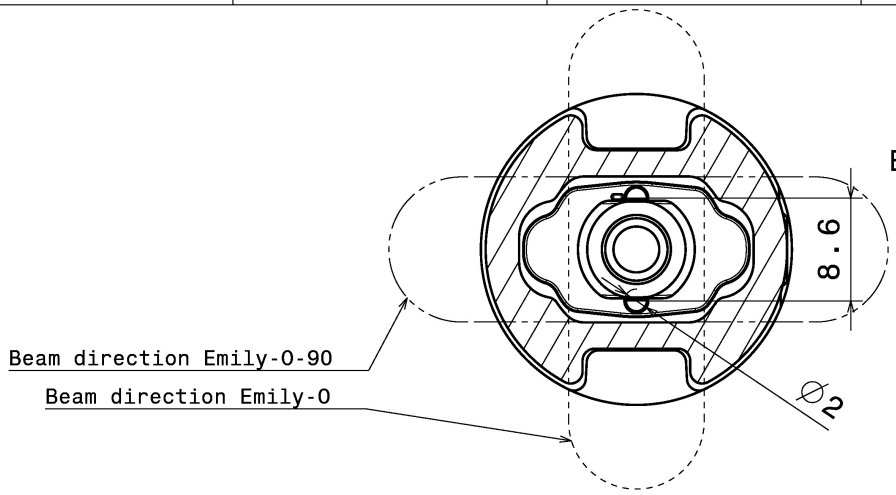
~40° wide beam 14.74 mm high lens.

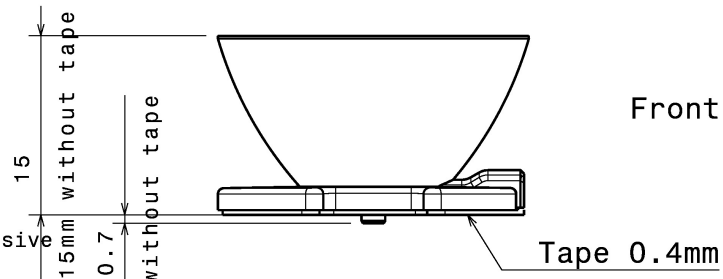
TECHNICAL SPECIFICATIONS:

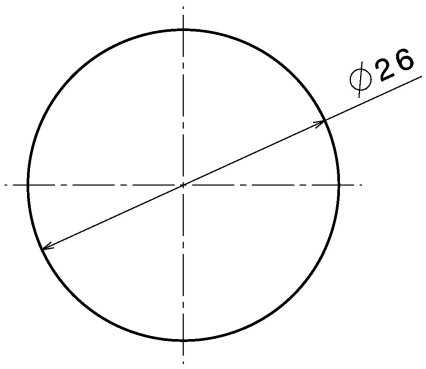
Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.8 kg
Quantity in Box	1690 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
EMILY-W	Lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black







Materials:
Lens PMMA
Tape PU Foam with adhesive

Part no.s:
CA11387_Emily-SS
CA11388_Emily-M
CA11389_Emily-O
CA11390_Emily-O-90
CA11391_Emily-M2
CA11934_Emily-W
CA11998_Emily-SS-WAS
CA12000_Emily-O-WAS
CA12062_Emily-D
CA12064_Emily-M

CA12068_Emily-O-90
CA12070_Emily-M2
CA12589_Emily-WWW
CA13498_Emily-WWW
CA13546_Emily-RS
CA15359_Emily-WW

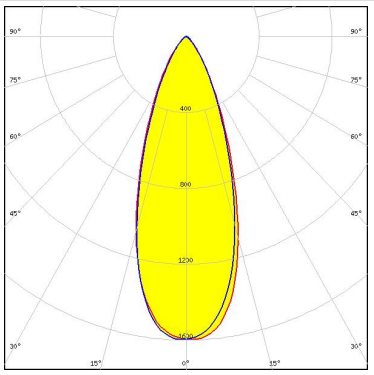
Ledil Oy
Joensuunkatu 13
FIN 24240 SALO
Finland

DRAWN BY: pv	DATE: 22.5.2012	DRAWING TITLE: Datasheet Emily Series Lens			
CHECKED BY: tk	DATE: 18.02.2010	SIZE: A4	DRAWING NUMBER:		REV: 1
DESIGNED BY: hh	DATE: 18.02.2010	SCALE: 2:1	WEIGHT(g):		SHEET: 1/1

PHOTOMETRIC DATA (MEASURED):

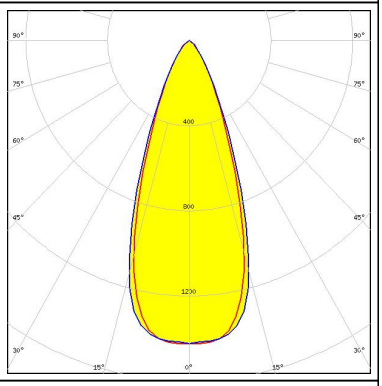
CREE

LED	XHP35 HD
FWHM	39.0°
Efficiency	83 %
Peak intensity	1.600 cd/lm
Required components:	



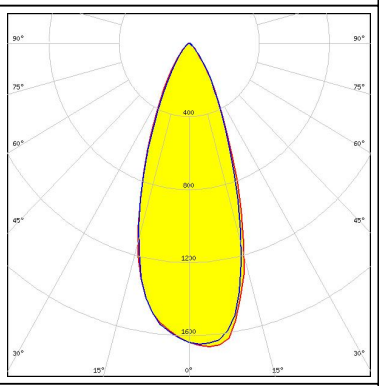
CREE

LED	XM-L
FWHM	36.0°
Efficiency	86 %
Peak intensity	cd/lm
Required components:	



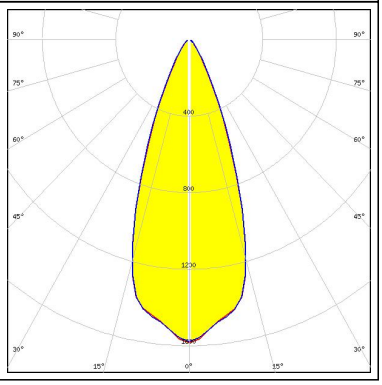
CREE

LED	XM-L2
FWHM	39.0°
Efficiency	86 %
Peak intensity	1.700 cd/lm
Required components:	



CREE

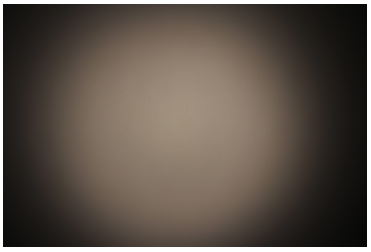
LED	XP-E
FWHM	39.0°
Efficiency	86 %
Peak intensity	1.600 cd/lm
Required components:	

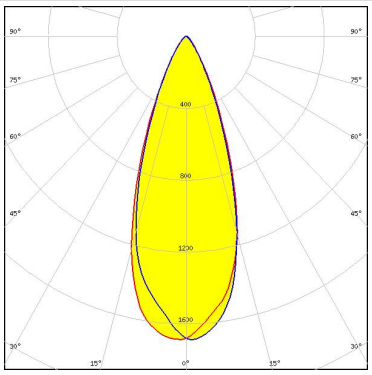


PHOTOMETRIC DATA (MEASURED):

CREE

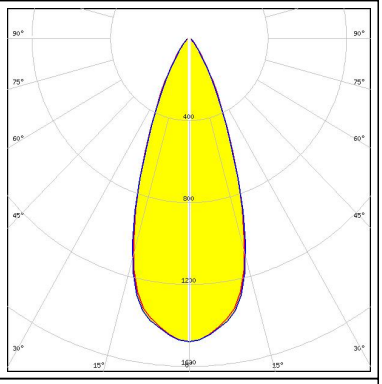
LED	XP-E2
FWHM	39.0°
Efficiency	84 %
Peak intensity	1.700 cd/lm
Required components:	





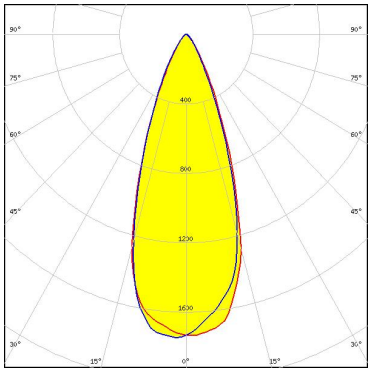
CREE

LED	XP-G
FWHM	40.0°
Efficiency	86 %
Peak intensity	1.500 cd/lm
Required components:	



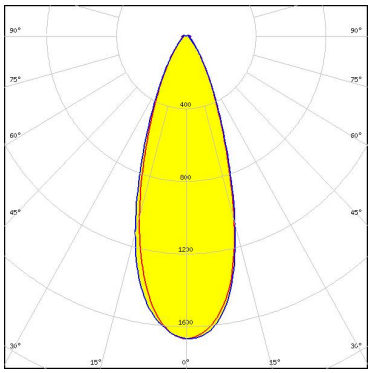
CREE

LED	XP-G2
FWHM	38.0°
Efficiency	84 %
Peak intensity	1.700 cd/lm
Required components:	



CREE

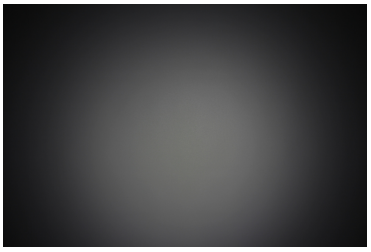
LED	XP-G3
FWHM	36.0°
Efficiency	92 %
Peak intensity	1.700 cd/lm
Required components:	

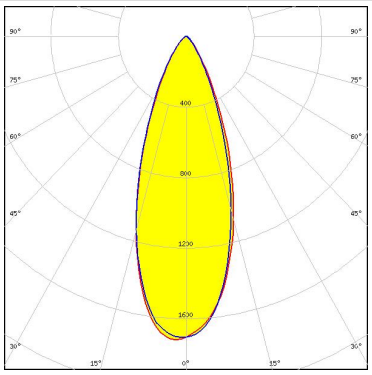


PHOTOMETRIC DATA (MEASURED):

CREE

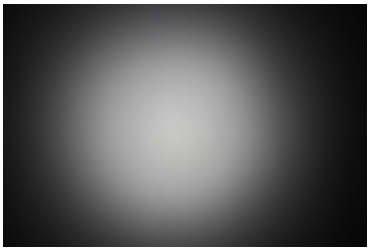
LED	XP-L
FWHM	38.0°
Efficiency	87 %
Peak intensity	1.710 cd/lm
Required components:	

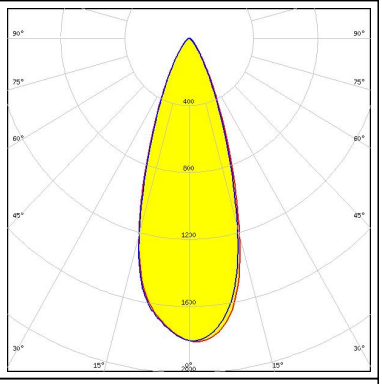




CREE

LED	XP-L HI
FWHM	36.0°
Efficiency	86 %
Peak intensity	1.800 cd/lm
Required components:	





CREE

LED	XT-E
FWHM	36.0°
Efficiency	%
Peak intensity	1.500 cd/lm
Required components:	

LUMILEDS

LED	LUXEON A
FWHM	40.0°
Efficiency	84 %
Peak intensity	cd/lm
Required components:	

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM	40.0°
Efficiency	86 %
Peak intensity	cd/lm
Required components:	

LUMILEDS

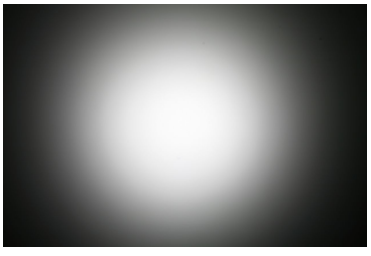
LED	LUXEON Rebel ES
FWHM	40.0°
Efficiency	88 %
Peak intensity	cd/lm
Required components:	

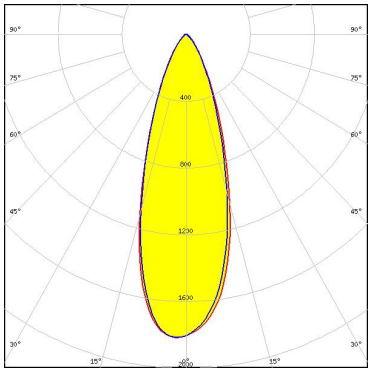
NICHIA

LED	NCSxx19A
FWHM	40.0°
Efficiency	86 %
Peak intensity	cd/lm
Required components:	

NICHIA

LED	NS9x383
FWHM	34.0°
Efficiency	84 %
Peak intensity	1.800 cd/lm
Required components:	





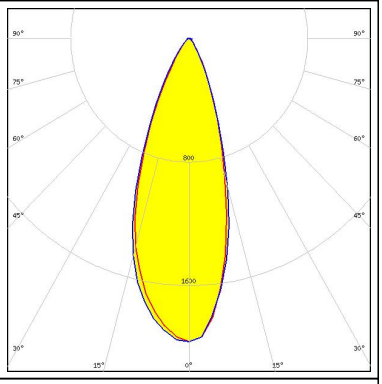
PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NVSxx19A
FWHM	40.0°
Efficiency	86 %
Peak intensity	cd/lm
Required components:	

OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	38.0°
Efficiency	84 %
Peak intensity	1.860 cd/lm
Required components:	

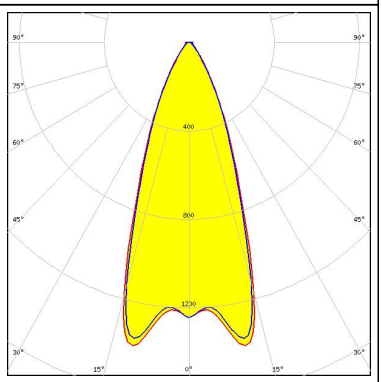


OSRAM
Opto Semiconductors

LED	Oslon SSL 150
FWHM	40.0°
Efficiency	86 %
Peak intensity	cd/lm
Required components:	

OSRAM
Opto Semiconductors

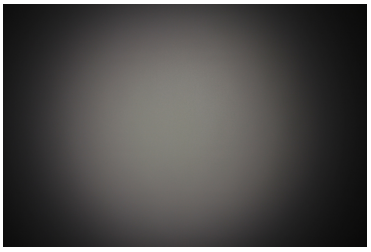
LED	Oslon SSL 80
FWHM	40.0°
Efficiency	86 %
Peak intensity	1.250 cd/lm
Required components:	

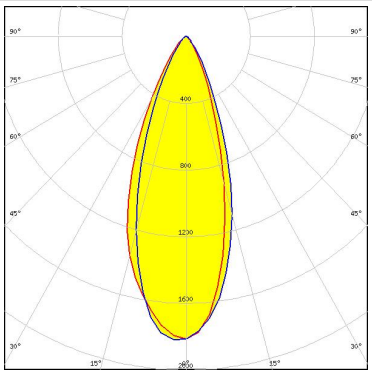


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

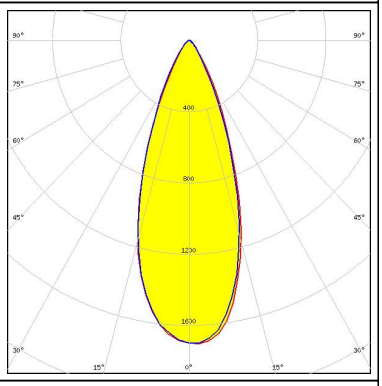
LED	LH351B
FWHM	38.0°
Efficiency	88 %
Peak intensity	1.800 cd/lm
Required components:	





SAMSUNG

LED	LH351Z
FWHM	39.0°
Efficiency	85 %
Peak intensity	1.700 cd/lm
Required components:	

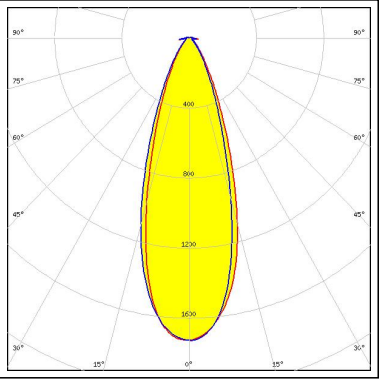


SEOUL SEMICONDUCTOR

LED	Z5
FWHM	40.0°
Efficiency	86 %
Peak intensity	cd/lm
Required components:	

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	34.0°
Efficiency	89 %
Peak intensity	1.700 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

SHARP

LED	Double Dome (GM2BB)
FWHM	40.0°
Efficiency	86 %
Peak intensity	cd/lm

Required components:

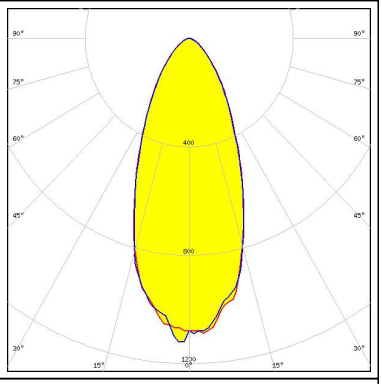
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XM-L HVW
FWHM	36.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

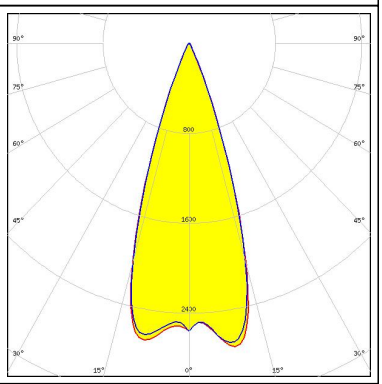
NICHIA

LED	NCSxx19B
FWHM	45.0°
Efficiency	86 %
Peak intensity	1.000 cd/lm
Required components:	



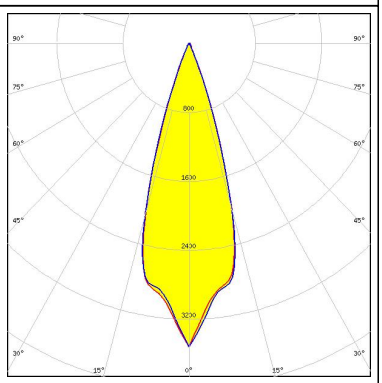
OSRAM
Opto Semiconductors

LED	Oslon Black
FWHM	36.0°
Efficiency	96 %
Peak intensity	2.800 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Oslon Black Flat
FWHM	32.0°
Efficiency	94 %
Peak intensity	3.500 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.

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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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