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

LXP2-RS

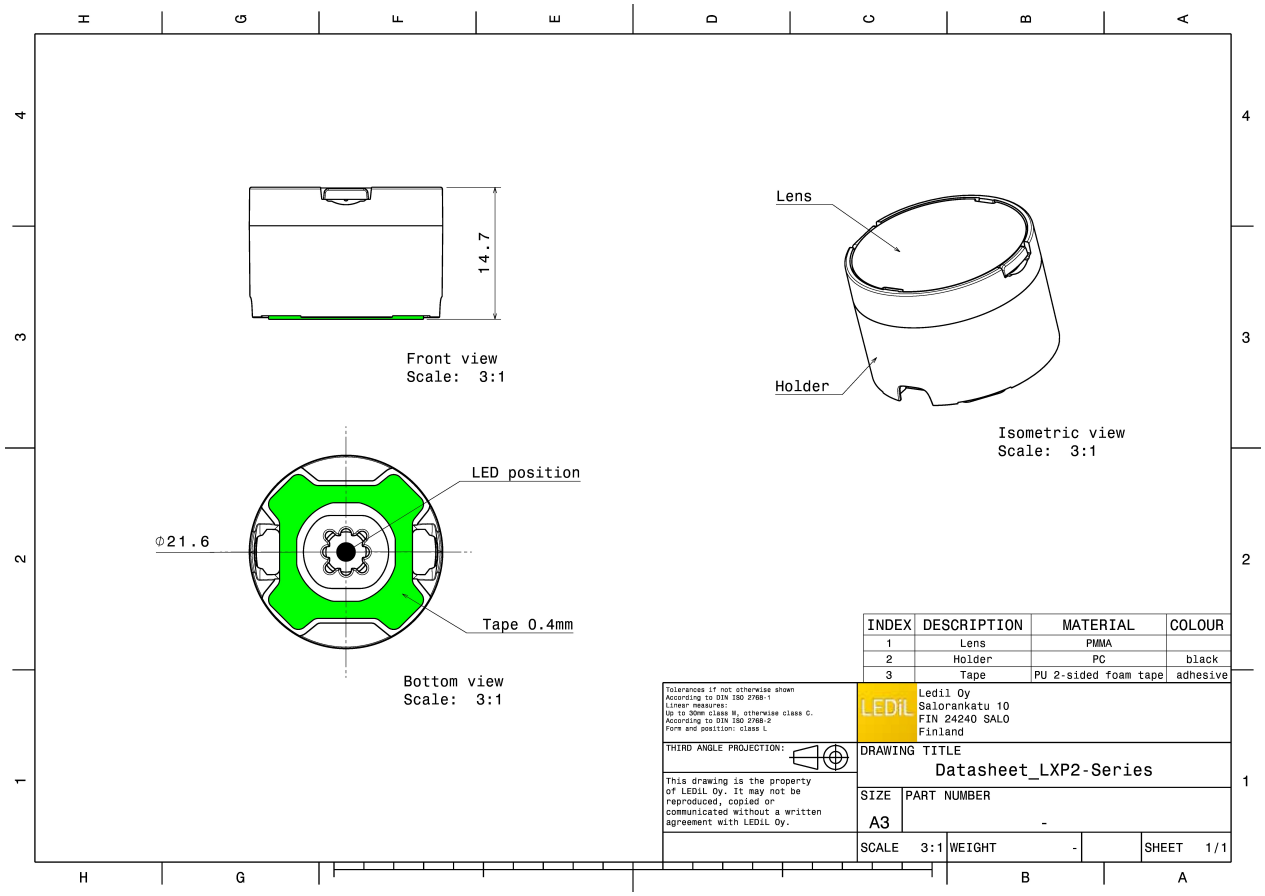
~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9.5 kg
Quantity in Box	1680 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LXP2-RS	Lens	PMMA	clear
LXP2-LH1-TAPE-BLK	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



INDEX	DESCRIPTION	MATERIAL	COLOUR
1	Lens	PMMA	
2	Holder	PC	black
3	Tape	PU 2-sided foam tape	adhesive

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

THIRD ANGLE PROJECTION:

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet_LXP2-Series

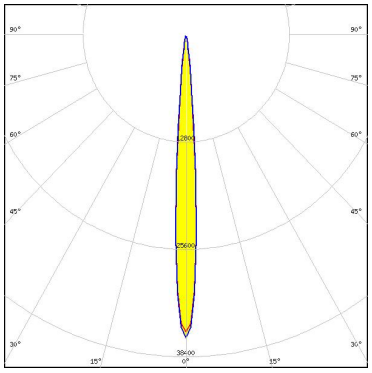
SIZE A3 | PART NUMBER -

SCALE 3:1 | WEIGHT - | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

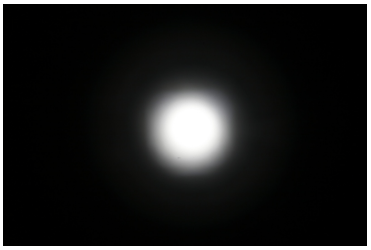
CREE

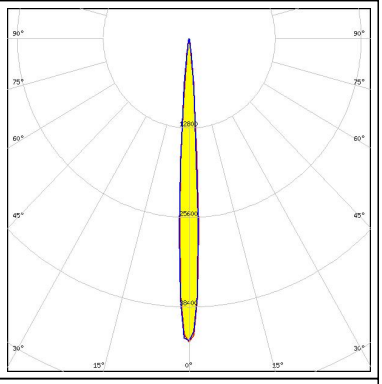
LED	XP-E
FWHM	7.0°
Efficiency	94 %
Peak intensity	cd/lm
Required components:	



CREE

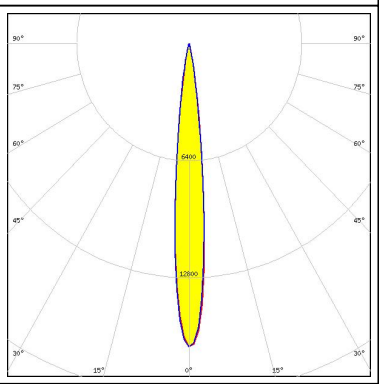
LED	XP-E2
FWHM	8.0°
Efficiency	90 %
Peak intensity	44.000 cd/lm
Required components:	





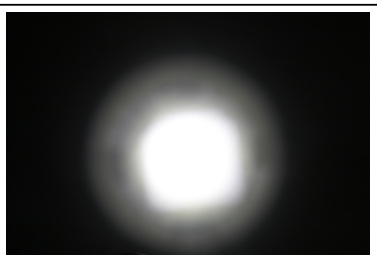
CREE

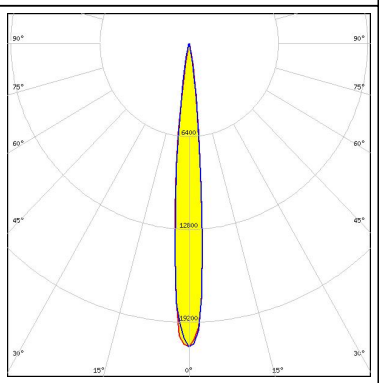
LED	XP-G
FWHM	10.0°
Efficiency	94 %
Peak intensity	cd/lm
Required components:	



CREE

LED	XP-G2
FWHM	10.0°
Efficiency	94 %
Peak intensity	21.000 cd/lm
Required components:	

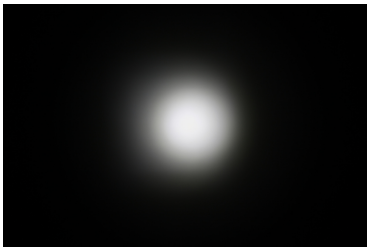


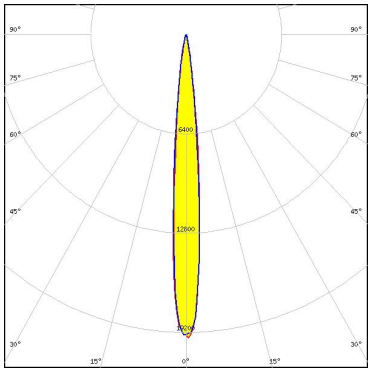


PHOTOMETRIC DATA (MEASURED):

CREE

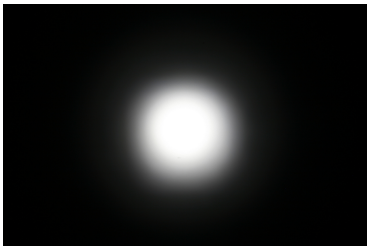
LED	XP-L HI
FWHM	10.0°
Efficiency	89 %
Peak intensity	20.000 cd/lm
Required components:	

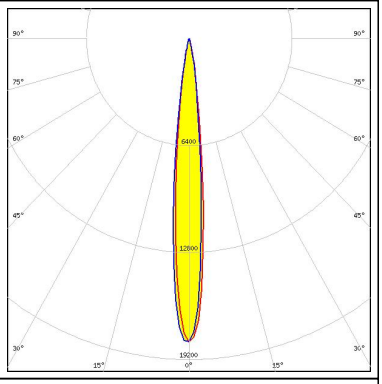




LG Innotek

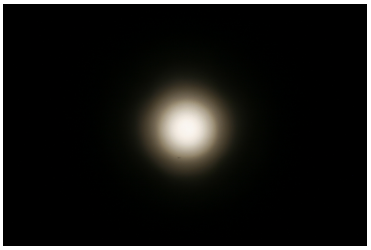
LED	H35C1 (LEMWA33)
FWHM	11.0°
Efficiency	88 %
Peak intensity	18.200 cd/lm
Required components:	

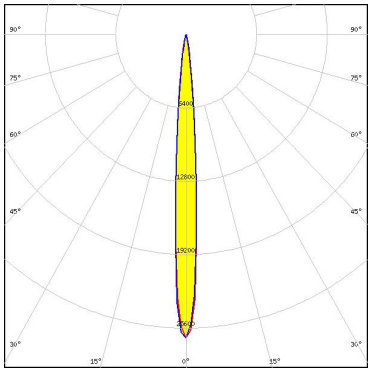




NICHIA

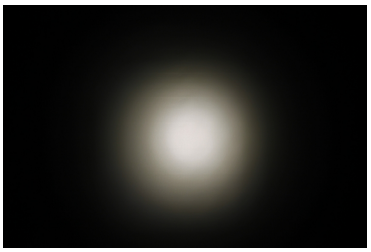
LED	NCSxx19A
FWHM	8.0°
Efficiency	86 %
Peak intensity	26.400 cd/lm
Required components:	

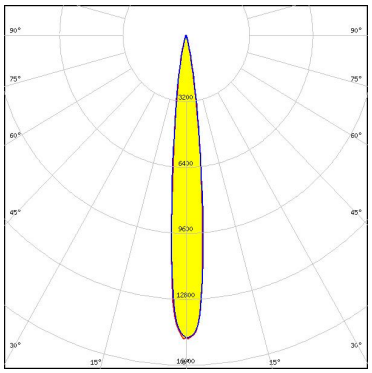




NICHIA

LED	NVSW219D
FWHM	12.0°
Efficiency	92 %
Peak intensity	14.700 cd/lm
Required components:	

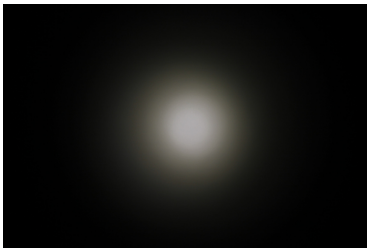


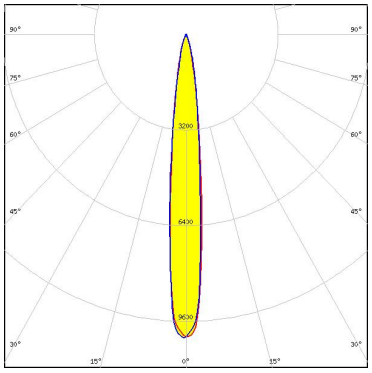


PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NVSW3x9A
FWHM	12.0°
Efficiency	83 %
Peak intensity	10.200 cd/lm
Required components:	





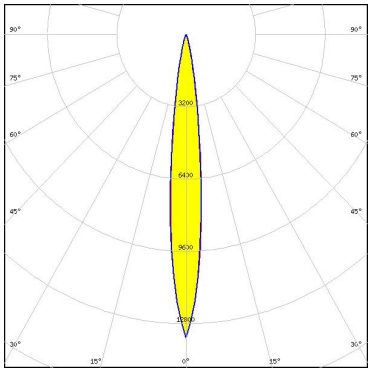
PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5
FWHM	10.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	12.0°
Efficiency	92 %
Peak intensity	13.430 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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support
www.ledil.com/
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Shipping locations
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