G2-LXP2-RS2-P

~8.5° spot beam with light, black holder. Assembly with location pins and installation tape.

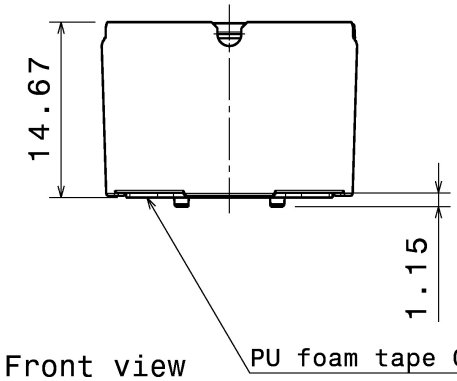
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	pin, tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	8.1 kg
Quantity in Box	1680 pcs
ROHS compliant	yes

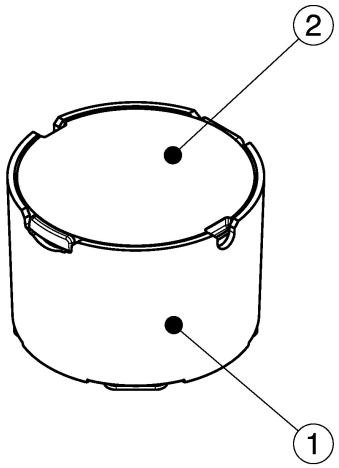
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LXP2-RS2	Lens	PMMA	
LXP2-LT-HLD	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black

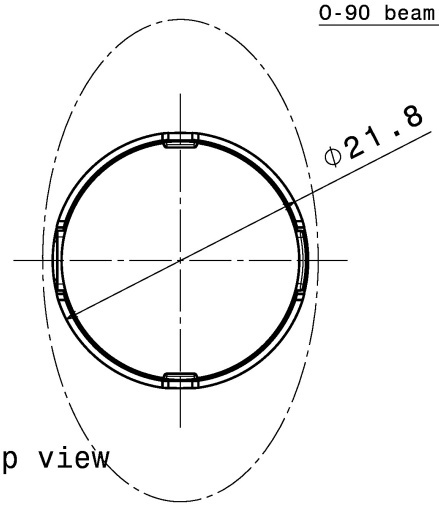
Applies to:
CA14503
CA14505
CA14507
CA14509
CA14511



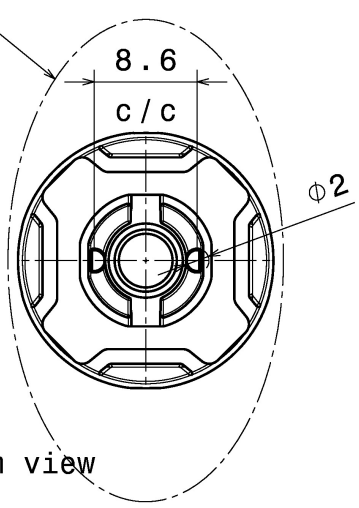
Front view



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

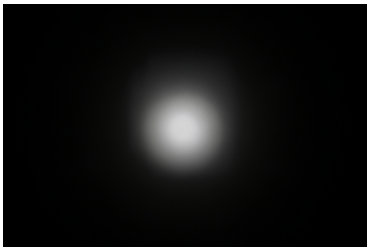
SIZE A4 | PART NUMBER -

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

PHOTOMETRIC DATA (MEASURED):

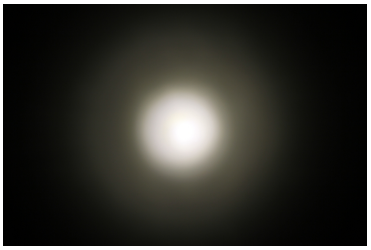
CREE

LED	XP-E
FWHM	7.0°
Efficiency	88 %
Peak intensity	34.650 cd/lm
Required components:	



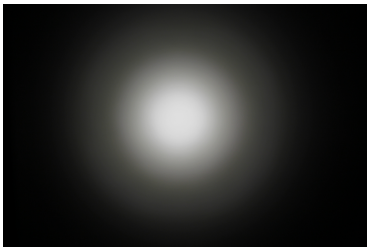
CREE

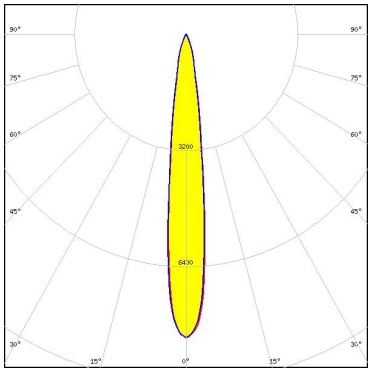
LED	XQ-E HI
FWHM	4.9°
Efficiency	83 %
Peak intensity	38.700 cd/lm
Required components:	



LUMILEDS

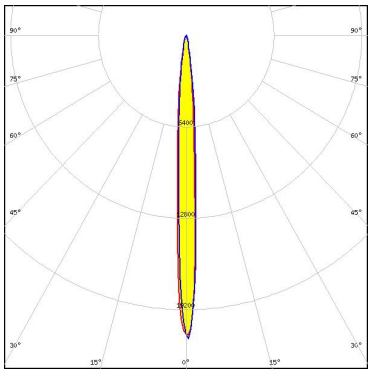
LED	LUXEON V
FWHM	14.0°
Efficiency	89 %
Peak intensity	8.400 cd/lm
Required components:	





NICHIA

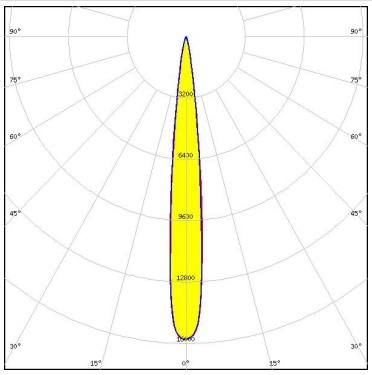
LED	NCSxx19A
FWHM	6.8°
Efficiency	89 %
Peak intensity	21.300 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

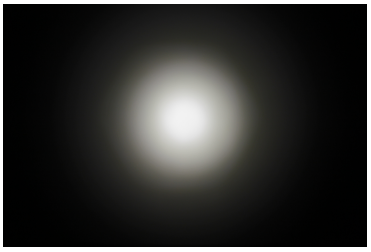
NICHIA

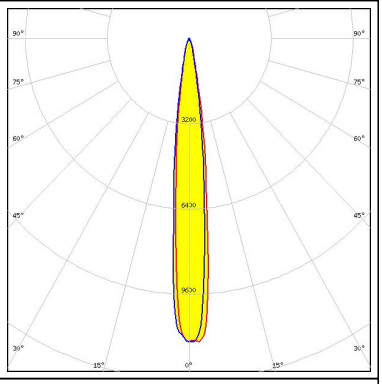
LED	NVSW219D
FWHM	12.0°
Efficiency	93 %
Peak intensity	16.000 cd/lm
Required components:	



NICHIA

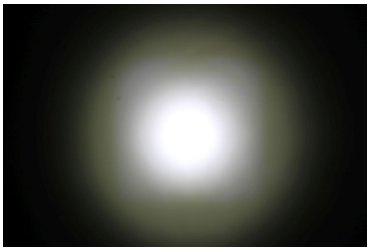
LED	NVSW3x9A
FWHM	12.0°
Efficiency	89 %
Peak intensity	11.400 cd/lm
Required components:	

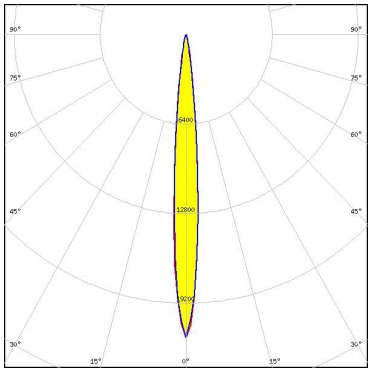




OSRAM
Opto Semiconductors

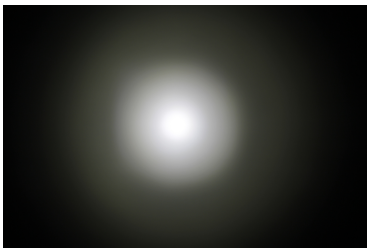
LED	Oslon Square Gen3
FWHM	8.6°
Efficiency	92 %
Peak intensity	20.900 cd/lm
Required components:	

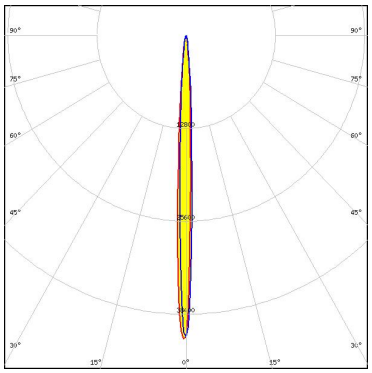




OSRAM
Opto Semiconductors

LED	Oslon SSL 150
FWHM	5.0°
Efficiency	90 %
Peak intensity	41.900 cd/lm
Required components:	

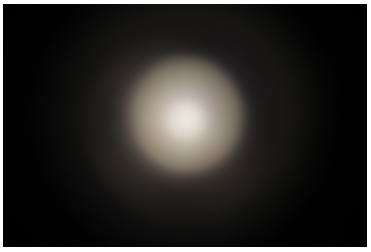


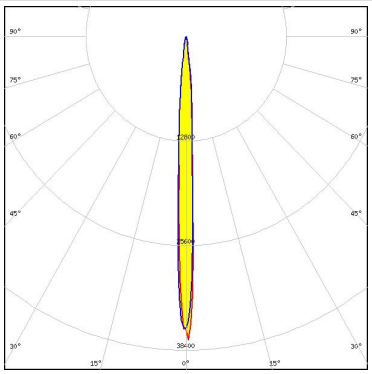


PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

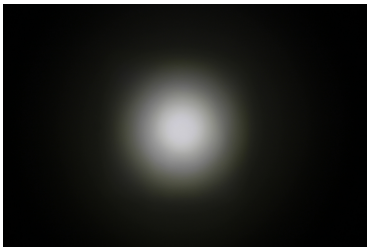
LED	Oslon SSL 80
FWHM	5.0°
Efficiency	91 %
Peak intensity	37.100 cd/lm
Required components:	

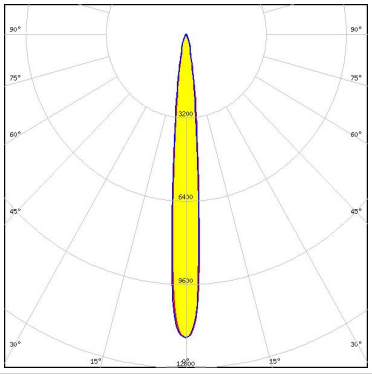




SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	10.0°
Efficiency	84 %
Peak intensity	11.600 cd/lm
Required components:	

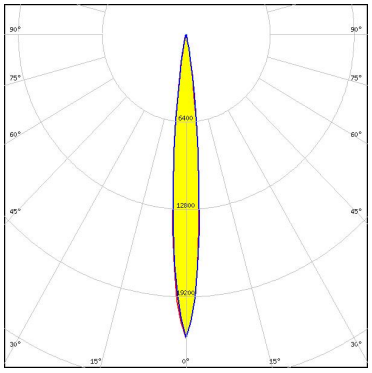




PHOTOMETRIC DATA (SIMULATED):

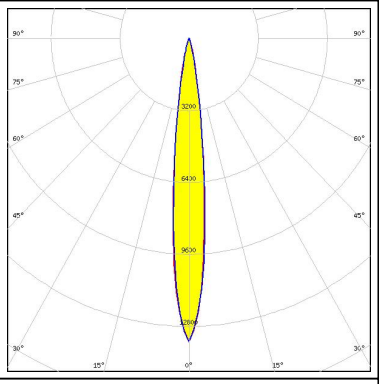
CREE

LED	XP-G2
FWHM	10.0°
Efficiency	94 %
Peak intensity	22.200 cd/lm
Required components:	



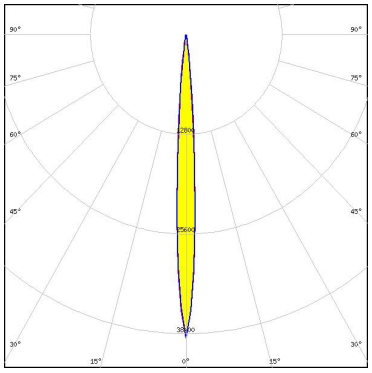
CREE

LED	XP-G3
FWHM	12.0°
Efficiency	91 %
Peak intensity	13.500 cd/lm
Required components:	



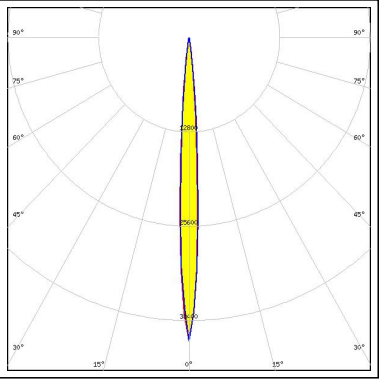
CREE

LED	XQ-E
FWHM	7.1°
Efficiency	92 %
Peak intensity	38.900 cd/lm
Required components:	



CREE

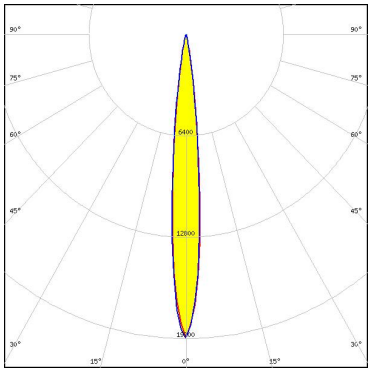
LED	XQ-E
FWHM	6.7°
Efficiency	91 %
Peak intensity	41.200 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

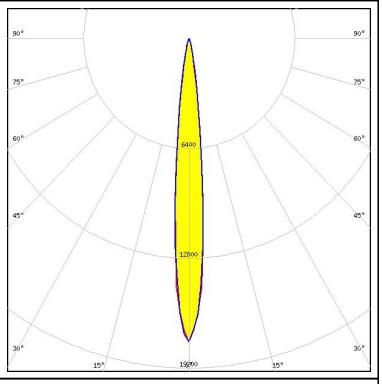
LG Innotek

LED	H35C1 (LEMWA33)
FWHM	11.0°
Efficiency	92 %
Peak intensity	19.200 cd/lm
Required components:	



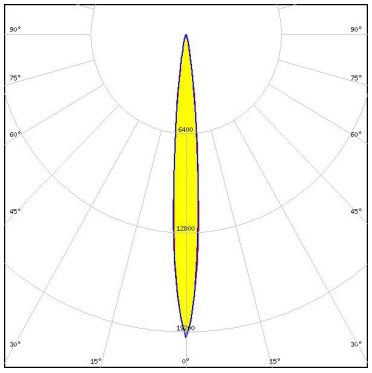
LUMILEDS

LED	LUXEON T
FWHM	11.0°
Efficiency	93 %
Peak intensity	17.700 cd/lm
Required components:	



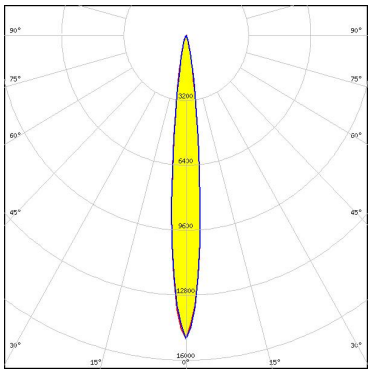
LUMILEDS

LED	LUXEON TX
FWHM	9.7°
Efficiency	91 %
Peak intensity	19.600 cd/lm
Required components:	



NICHIA

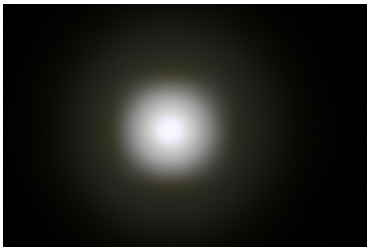
LED	NVSxx19B/NVSxx19C
FWHM	11.0°
Efficiency	88 %
Peak intensity	15.500 cd/lm
Required components:	

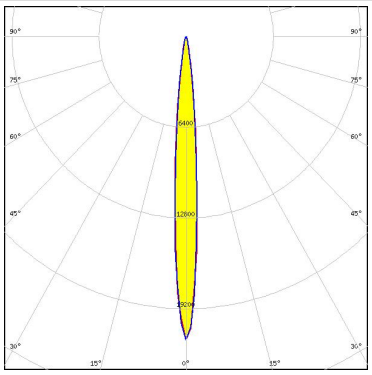


PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

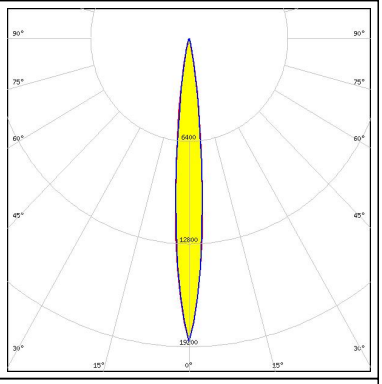
LED	Oslon Square Flat
FWHM	8.7°
Efficiency	91 %
Peak intensity	21.390 cd/lm
Required components:	





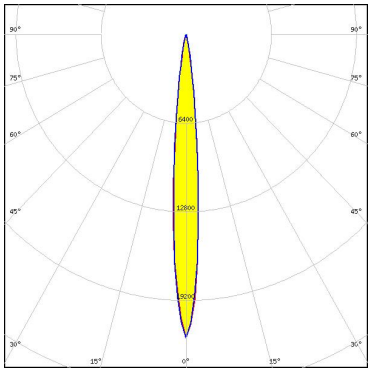
OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	11.0°
Efficiency	94 %
Peak intensity	18.900 cd/lm
Required components:	



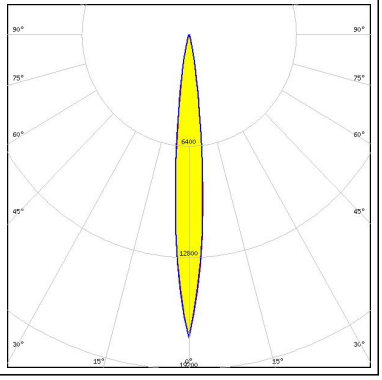
SAMSUNG

LED	LH351A(3535)
FWHM	9.0°
Efficiency	91 %
Peak intensity	21.900 cd/lm
Required components:	



SAMSUNG

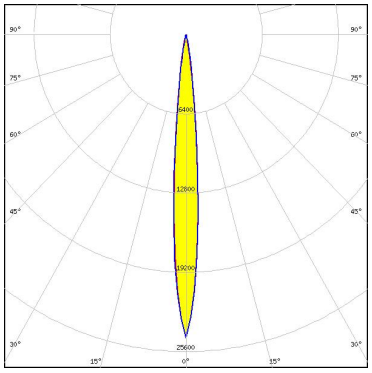
LED	LH351B
FWHM	10.0°
Efficiency	92 %
Peak intensity	17.400 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

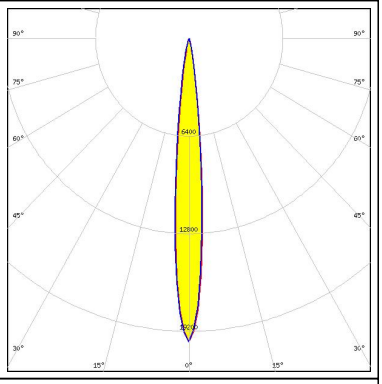
SAMSUNG

LED	LH351Z
FWHM	9.0°
Efficiency	93 %
Peak intensity	cd/lm
Required components:	



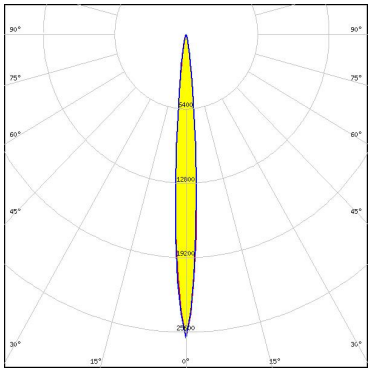
SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	10.0°
Efficiency	93 %
Peak intensity	19.900 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5P
FWHM	8.0°
Efficiency	92 %
Peak intensity	26.100 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy