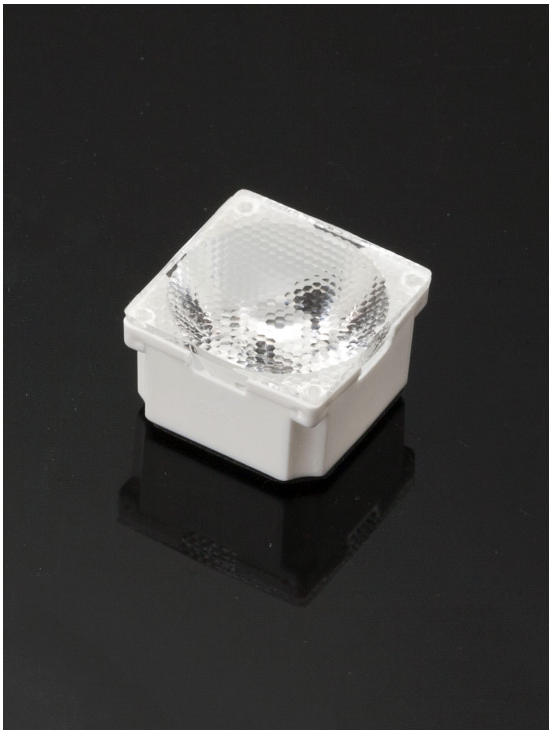
G2-LAURA-SS-P

~11° smooth spot beam. Assembly with thinner white holder, installation tape and location pins.



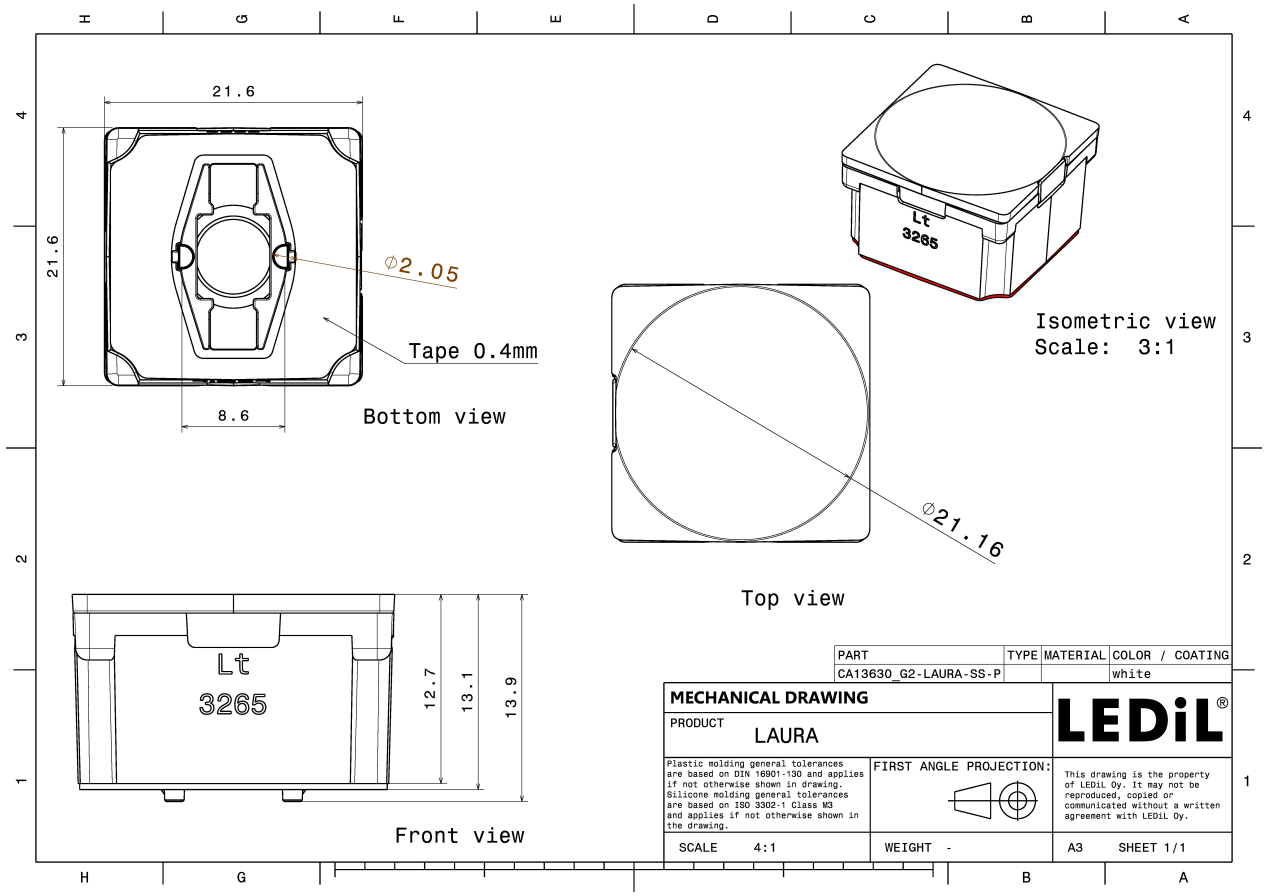
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	6 kg
Quantity in Box	pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LAURA-SS	Single lens	PMMA	
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	
ROSE-TAPE	Tape	PU tape	

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

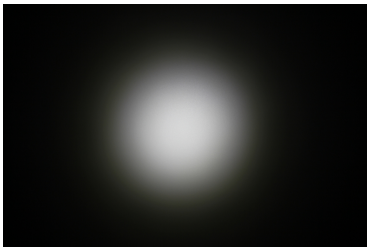


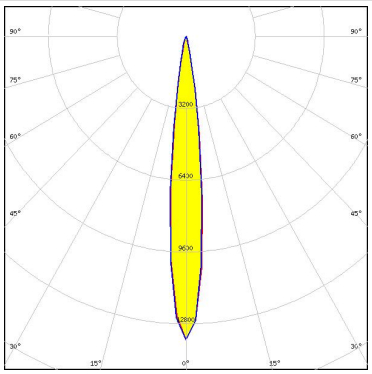
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

CREE

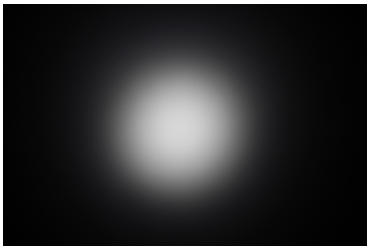
LED	XB-D
FWHM	13.0°
Efficiency	88 %
Peak intensity	13.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

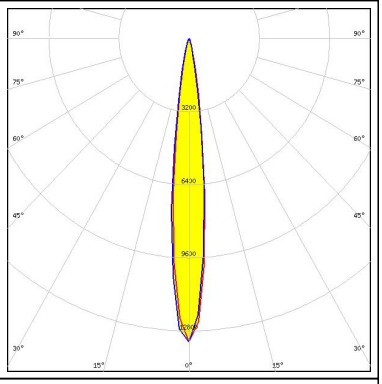




CREE

LED	XB-H
FWHM	13.0°
Efficiency	90 %
Peak intensity	13.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



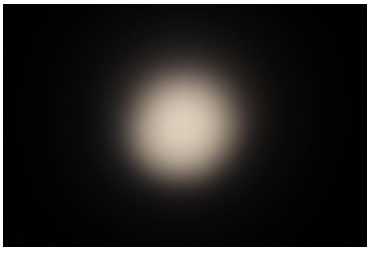


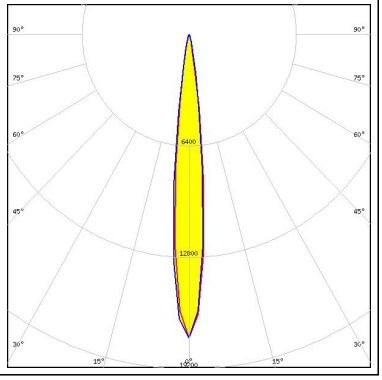
CREE

LED	XP-E
FWHM	11.0°
Efficiency	93 %
Peak intensity	16.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-E2
FWHM	12.0°
Efficiency	90 %
Peak intensity	17.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



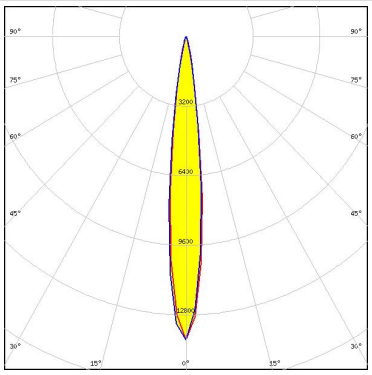


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

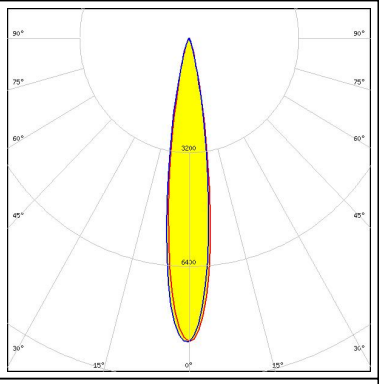
CREE

LED	XP-G2
FWHM	13.0°
Efficiency	90 %
Peak intensity	14.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



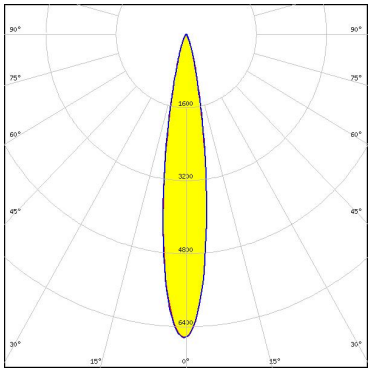
CREE

LED	XP-L HD
FWHM	16.0°
Efficiency	89 %
Peak intensity	8.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



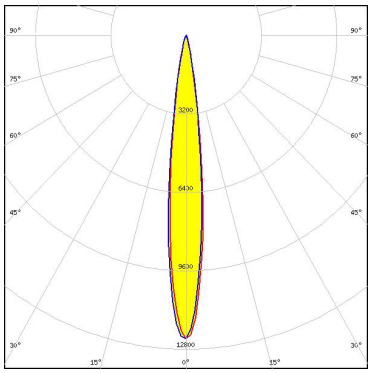
CREE

LED	XP-L2
FWHM	17.0°
Efficiency	88 %
Peak intensity	6.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XT-E
FWHM	13.0°
Efficiency	90 %
Peak intensity	12.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

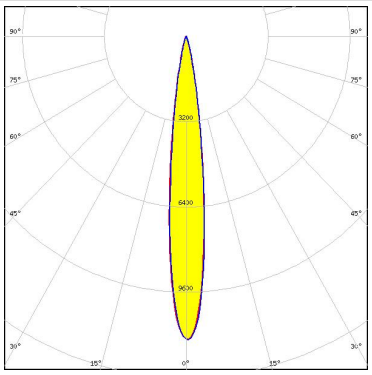


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

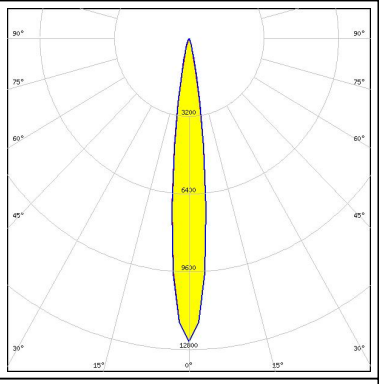
LUMILEDS

LED	LUXEON 3030 2D (Round LES)
FWHM	13.0°
Efficiency	91 %
Peak intensity	11.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



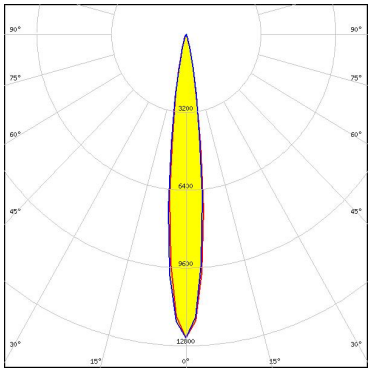
LUMILEDS

LED	LUXEON TX
FWHM	14.0°
Efficiency	90 %
Peak intensity	12.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



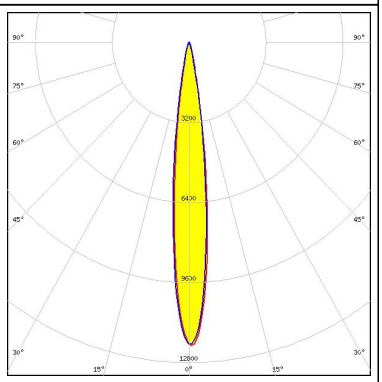
NICHIA

LED	NCSxx19A
FWHM	14.0°
Efficiency	91 %
Peak intensity	12.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSW219D
FWHM	13.0°
Efficiency	94 %
Peak intensity	12.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

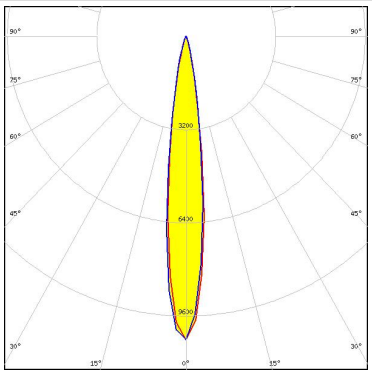


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NVSxx19A
FWHM	15.0°
Efficiency	88 %
Peak intensity	10.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

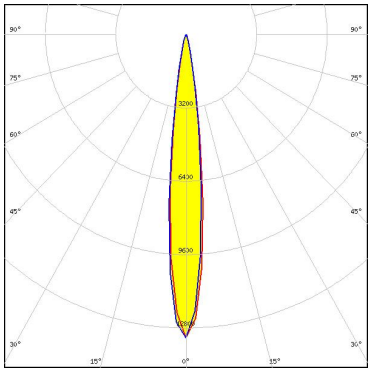


NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	14.0°
Efficiency	89 %
Peak intensity	11.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

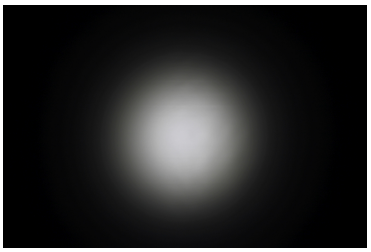
OSRAM
Opto Semiconductors

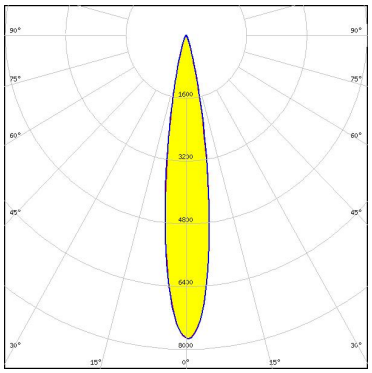
LED	OSLON Square EC
FWHM	13.0°
Efficiency	90 %
Peak intensity	13.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351D
FWHM	17.0°
Efficiency	94 %
Peak intensity	7.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





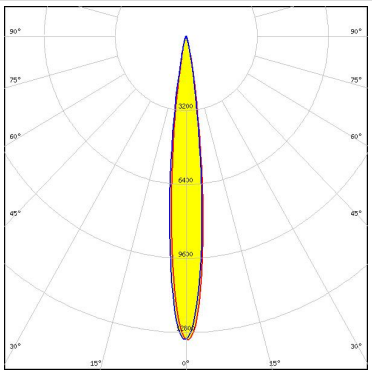
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	12.0°
Efficiency	90 %
Peak intensity	13.140 cd/lm
LEDs/each optic	1
Light colour	White

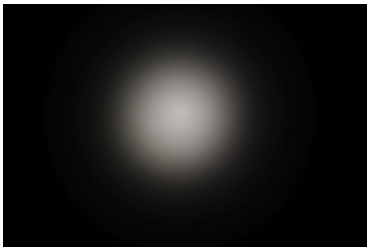
Required components:

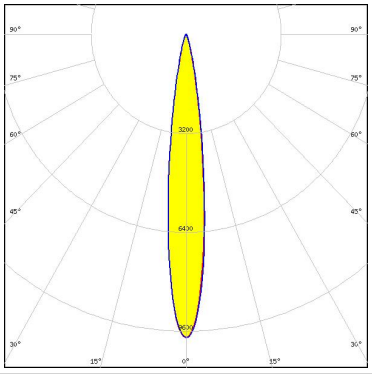


SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM	14.0°
Efficiency	94 %
Peak intensity	9.800 cd/lm
LEDs/each optic	1
Light colour	White

Required components:





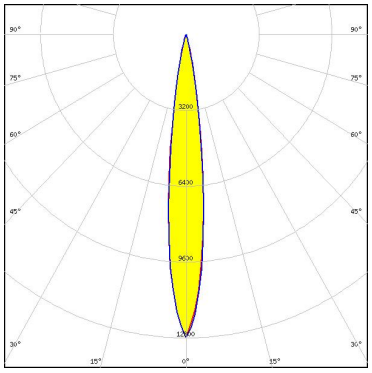
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XHP35 HI
FWHM	14.0°
Efficiency	94 %
Peak intensity	12.800 cd/lm
LEDs/each optic	1
Light colour	White

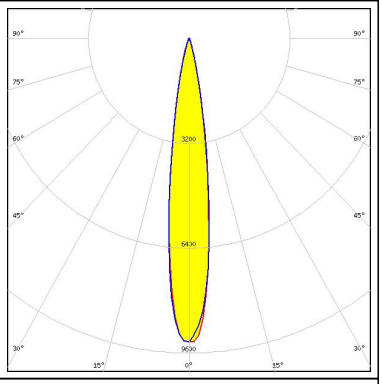
Required components:



CREE

LED	XP-G3
FWHM	15.0°
Efficiency	93 %
Peak intensity	9.310 cd/lm
LEDs/each optic	1
Light colour	White

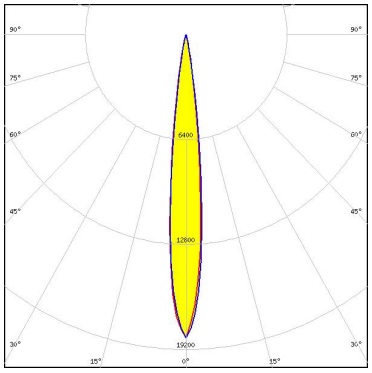
Required components:



CREE

LED	XQ-E HD
FWHM	12.0°
Efficiency	94 %
Peak intensity	18.500 cd/lm
LEDs/each optic	1
Light colour	White

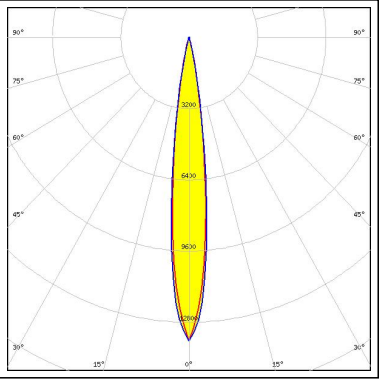
Required components:



OSRAM
Opto Semiconductors

LED	OSLON Black
FWHM	13.0°
Efficiency	96 %
Peak intensity	13.800 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

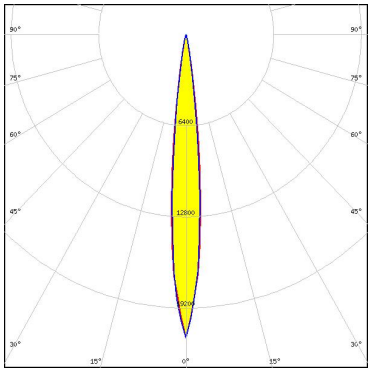


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

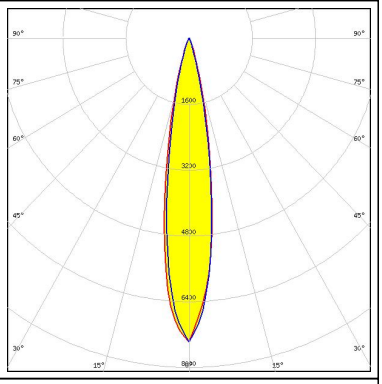
OSRAM
Opto Semiconductors

LED	OSLON Black Flat
FWHM	11.0°
Efficiency	94 %
Peak intensity	21.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



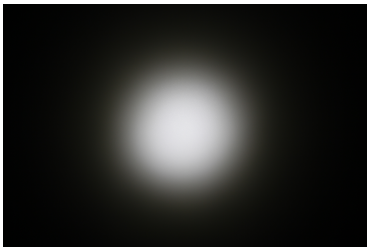
OSRAM
Opto Semiconductors

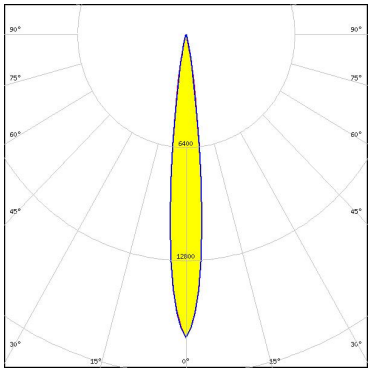
LED	OSLON Square CSSRM2/CSSRM3
FWHM	18.0°
Efficiency	96 %
Peak intensity	7.378 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSLON Square Flat
FWHM	12.0°
Efficiency	94 %
Peak intensity	17.170 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





OSRAM
Opto Semiconductors

LED	SFH 4770S
FWHM	13.0°
Efficiency	94 %
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

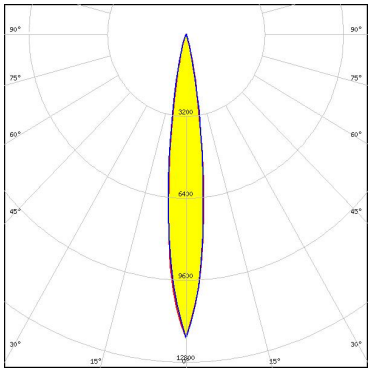
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	13.0°
Efficiency	97 %
Peak intensity	11.850 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.