

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
ROHS compliant	yes ⓘ

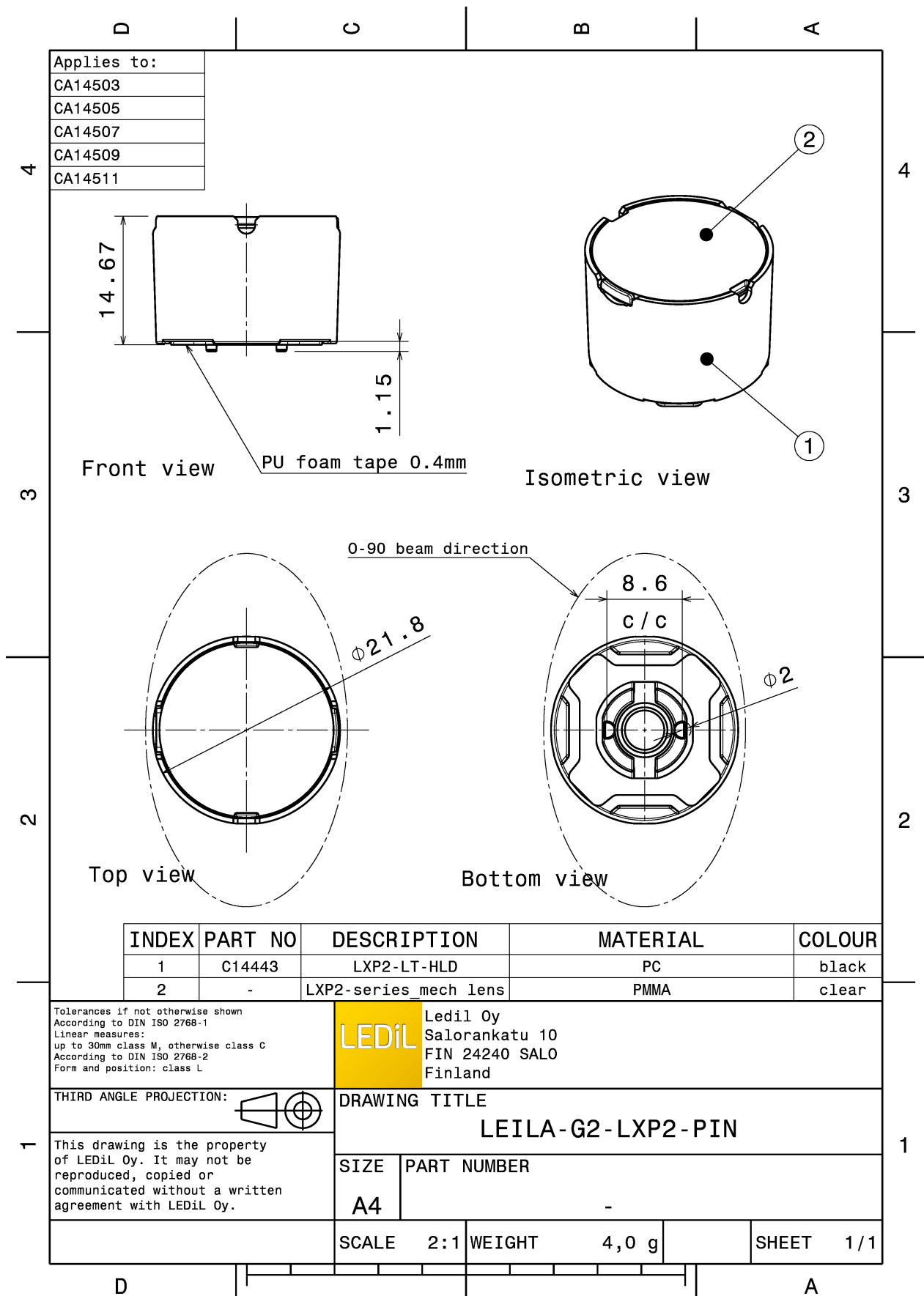
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14505_G2-LXP2-RS2-P	Single lens	1680	336	112	8.1
» Box size: 480 x 280 x 300 mm					

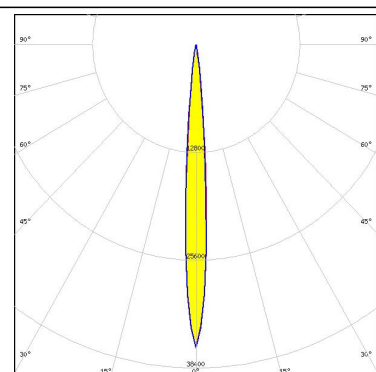
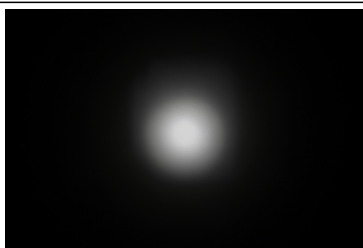




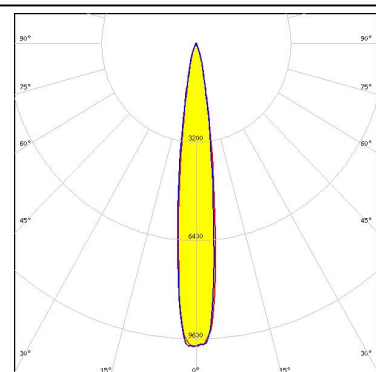
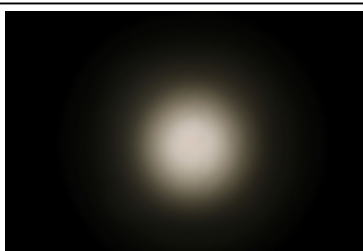
PHOTOMETRIC DATA (MEASURED):



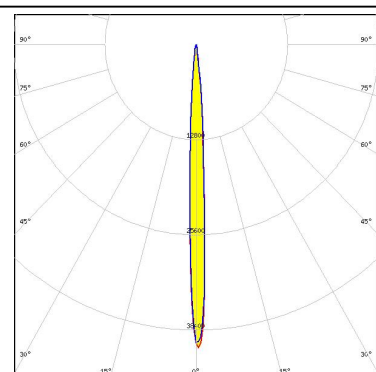
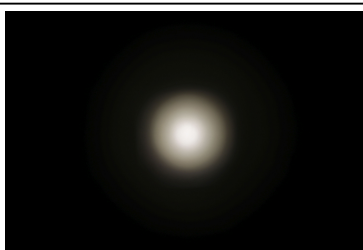
LED XP-E
FWHM 7.0°
Efficiency 88 %
Peak intensity 34.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



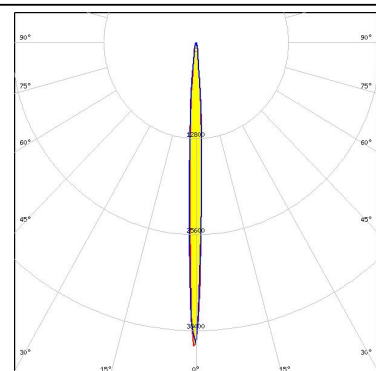
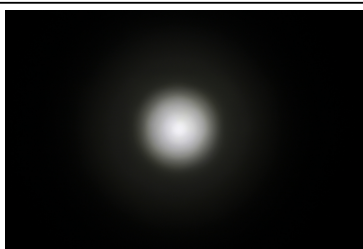
LED XP-L HD
FWHM 14.0°
Efficiency 90 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HD
FWHM 5.0°
Efficiency 89 %
Peak intensity 42 cd/lm
LEDs/each optic 1
Light colour White
Required components:



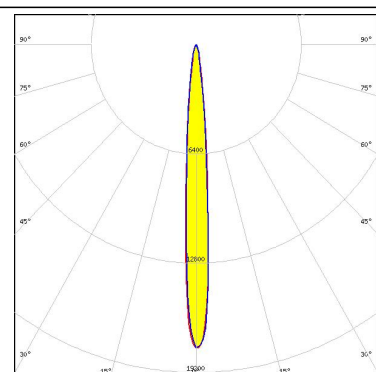
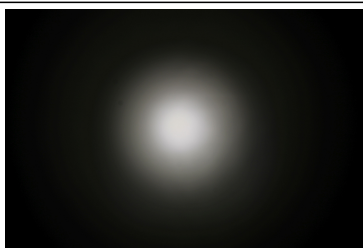
LED XQ-E HI
FWHM 5.0°
Efficiency 88 %
Peak intensity 40.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



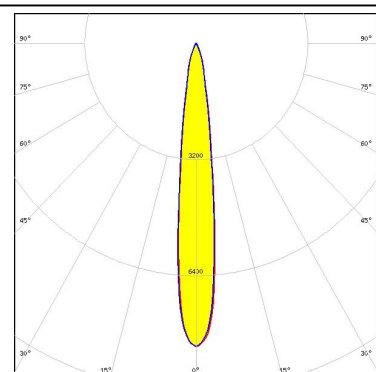
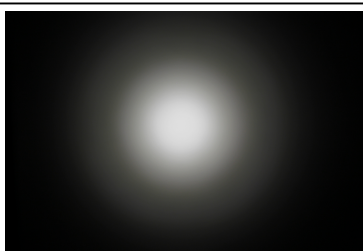
PHOTOMETRIC DATA (MEASURED):



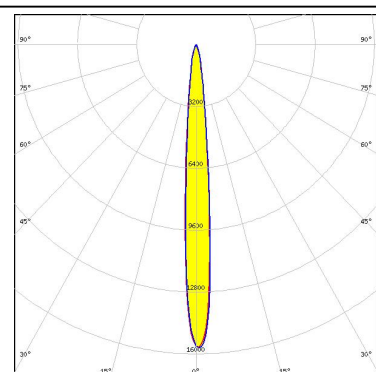
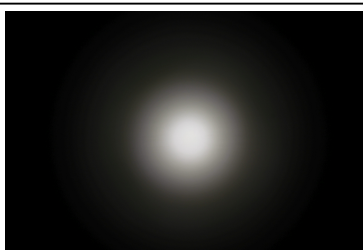
LED LUXEON Rebel ES
FWHM 9.0°
Efficiency 90 %
Peak intensity 17.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



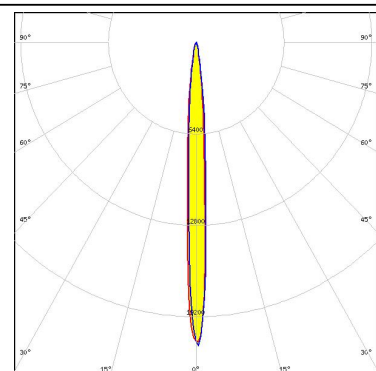
LED LUXEON V
FWHM 14.0°
Efficiency 89 %
Peak intensity 8.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON V2
FWHM 9.0°
Efficiency 90 %
Peak intensity 15.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



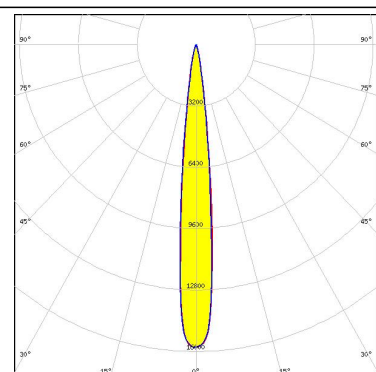
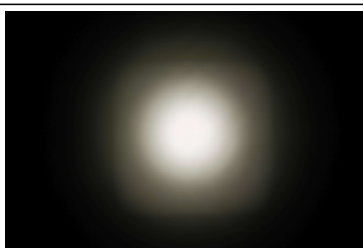
LED NCSxx19A
FWHM 6.8°
Efficiency 89 %
Peak intensity 21.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



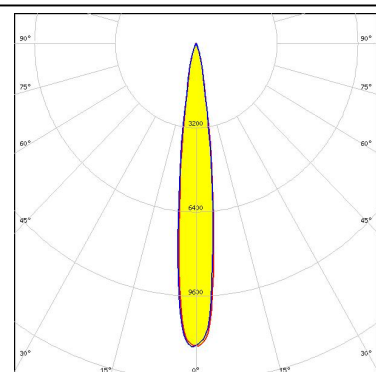
PHOTOMETRIC DATA (MEASURED):



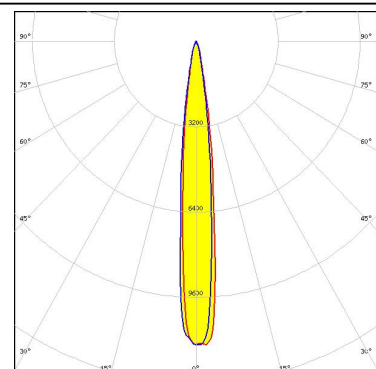
LED NVSW219D
FWHM 12.0°
Efficiency 93 %
Peak intensity 16 cd/lm
LEDs/each optic 1
Light colour White
Required components:



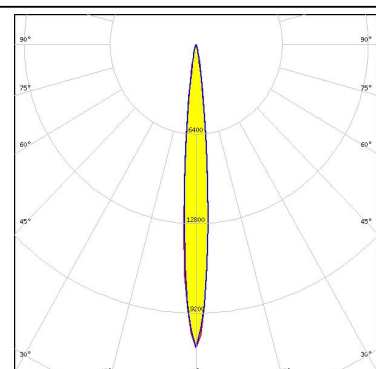
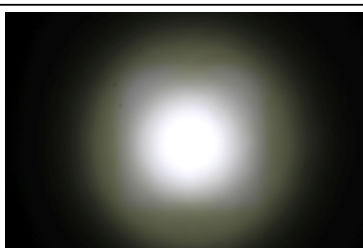
LED NVSW319B
FWHM 13.0°
Efficiency 93 %
Peak intensity 11.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM 12.0°
Efficiency 89 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



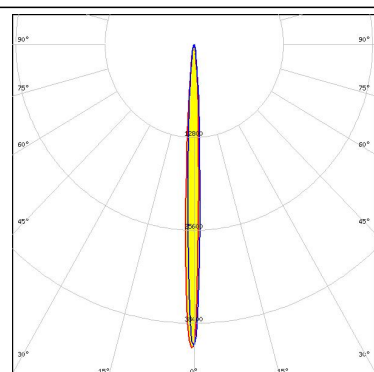
LED OSLOM Square CSSRM2/CSSRM3
FWHM 8.6°
Efficiency 92 %
Peak intensity 20.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

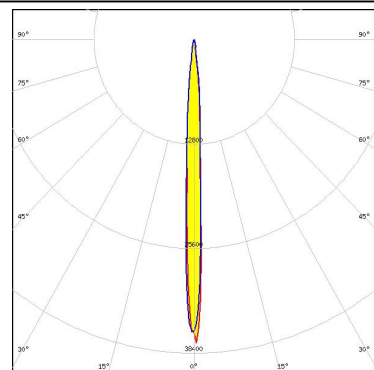
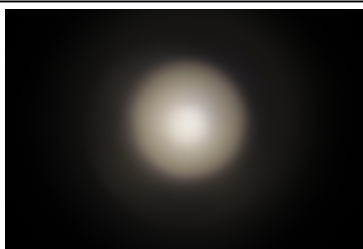
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 5.0°
Efficiency 90 %
Peak intensity 41.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



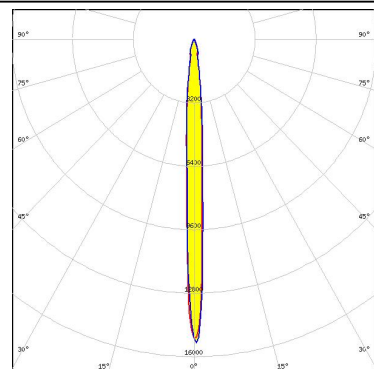
OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM 5.0°
Efficiency 91 %
Peak intensity 37.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

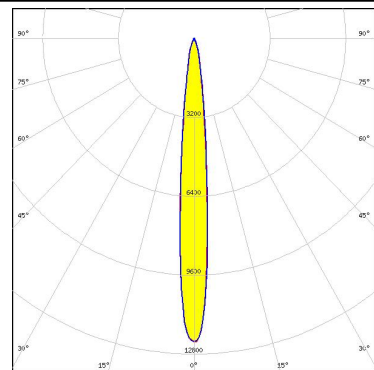
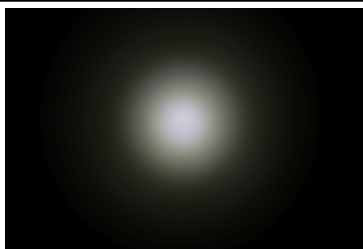
LED LH181A
FWHM 6.0°
Efficiency 80 %
Peak intensity 15.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



SEOL

SEOUL SEMICONDUCTOR

LED Z5M3
FWHM 10.0°
Efficiency 88 %
Peak intensity 12.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



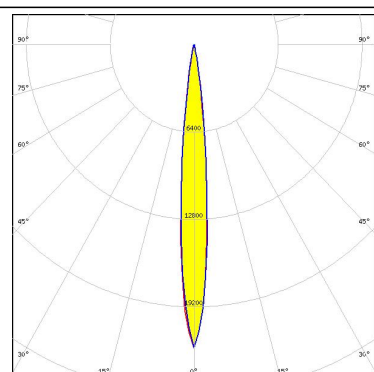
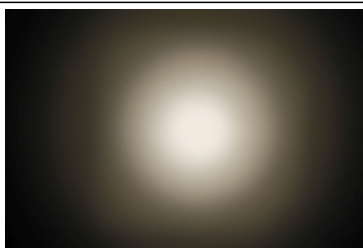
PHOTOMETRIC DATA (MEASURED):



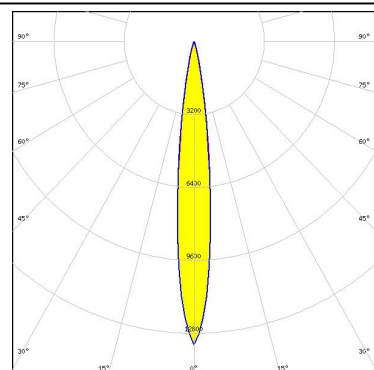
PHOTOMETRIC DATA (SIMULATED):



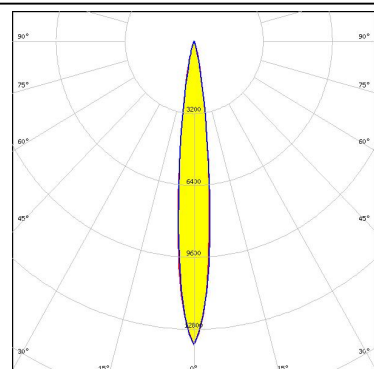
LED XP-G2
FWHM 10.0°
Efficiency 94 %
Peak intensity 22.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



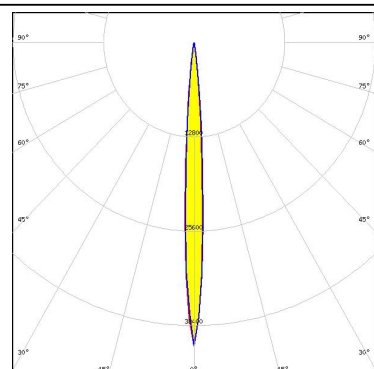
LED XP-G2 HE
FWHM 12.0°
Efficiency 91 %
Peak intensity 13.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM 12.0°
Efficiency 91 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



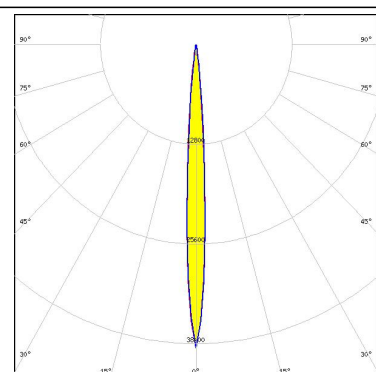
LED XQ-E HD
FWHM 6.7°
Efficiency 91 %
Peak intensity 41.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



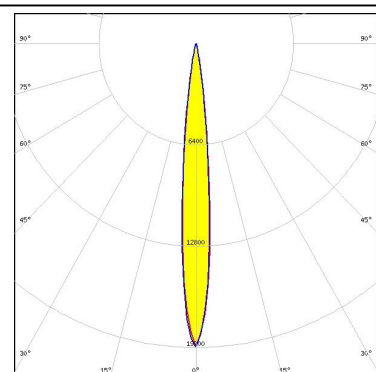
PHOTOMETRIC DATA (SIMULATED):



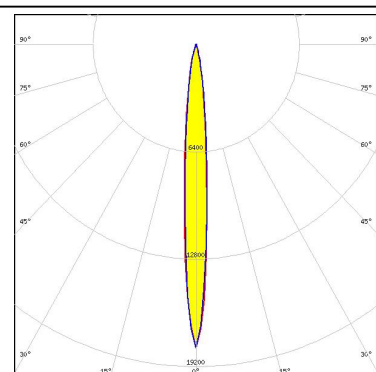
LED XQ-E HD
FWHM 7.1°
Efficiency 92 %
Peak intensity 38.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



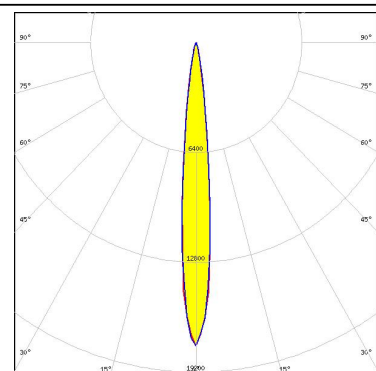
LED H35C1 (LEMWA33)
FWHM 11.0°
Efficiency 92 %
Peak intensity 19.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON IR Domed 60
FWHM 9.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



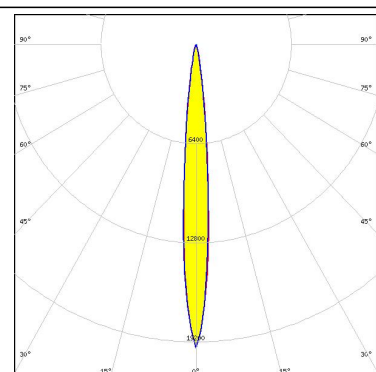
LED LUXEON T
FWHM 11.0°
Efficiency 93 %
Peak intensity 17.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



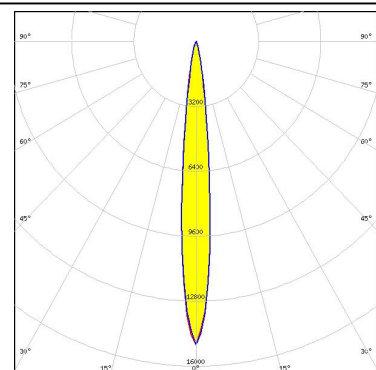
PHOTOMETRIC DATA (SIMULATED):



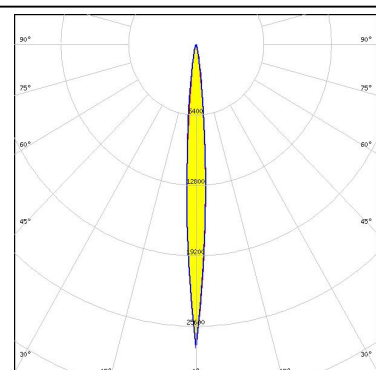
LED LUXEON TX
FWHM 9.7°
Efficiency 91 %
Peak intensity 19.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



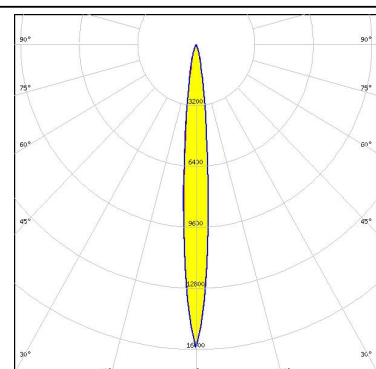
LED NVSxx19B/NVSxx19C
FWHM 11.0°
Efficiency 88 %
Peak intensity 15.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3030
FWHM 8.0°
Efficiency 92 %
Peak intensity 27.6 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



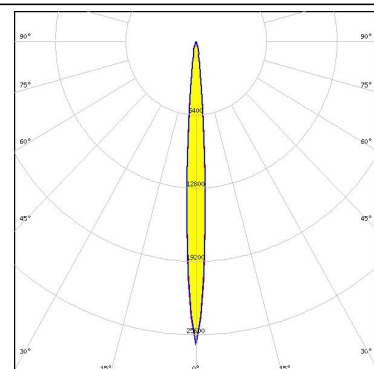
LED OSCONIQ P 3737 Flat
FWHM 10.0°
Efficiency 93 %
Peak intensity 15.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

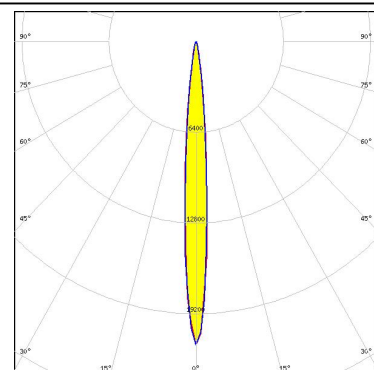
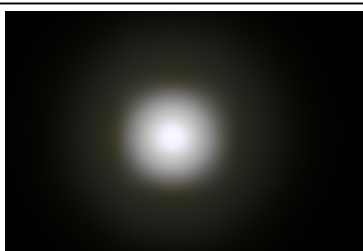
OSRAM
Opto Semiconductors

LED OSLON Black Flat
FWHM 8.0°
Efficiency 90 %
Peak intensity 26.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



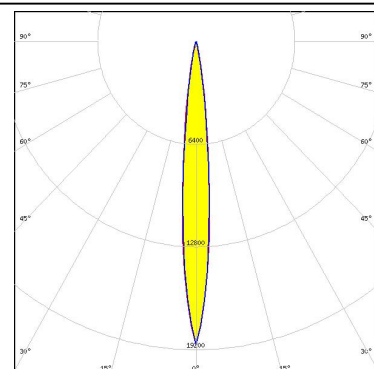
OSRAM
Opto Semiconductors

LED OSLON Square Flat
FWHM 8.7°
Efficiency 91 %
Peak intensity 21.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



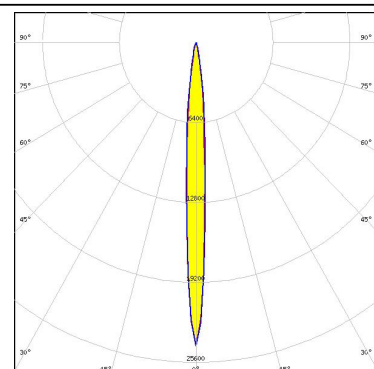
OSRAM
Opto Semiconductors

LED OSLON Square PC
FWHM 11.0°
Efficiency 94 %
Peak intensity 18.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

LED SFH 4715AS
FWHM 7.0°
Efficiency 92 %
Peak intensity 24.3 cd/lm
LEDs/each optic 1
Light colour IR
Required components:

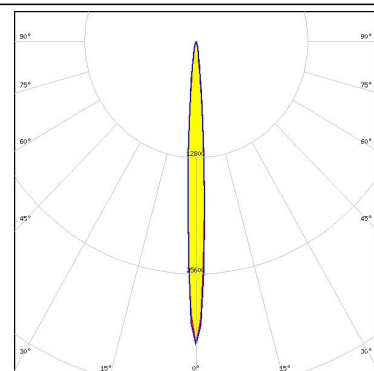


PHOTOMETRIC DATA (SIMULATED):

OSRAM

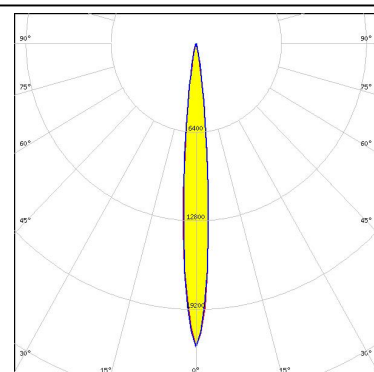
Opto Semiconductors

LED SFH 4716AS
FWHM 6.5°
Efficiency 92 %
Peak intensity 33.4 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



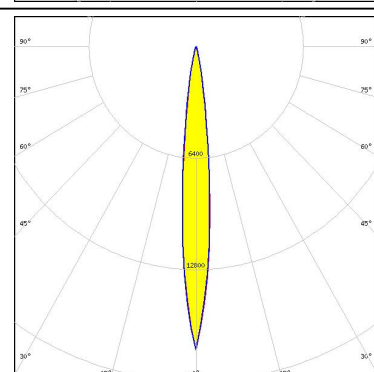
SAMSUNG

LED LH351A
FWHM 9.0°
Efficiency 91 %
Peak intensity 21.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



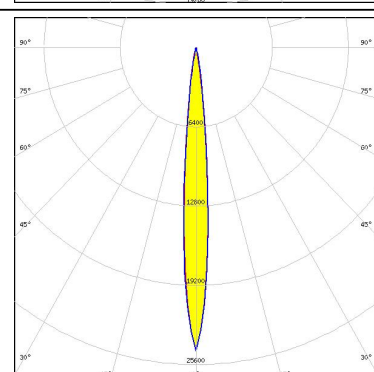
SAMSUNG

LED LH351B
FWHM 10.0°
Efficiency 92 %
Peak intensity 17.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351Z
FWHM 9.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM 10.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 19.9 cd/Im</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5P</p> <p>FWHM 8.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 26.1 cd/Im</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

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](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)