

OLGA-WAS

Asymmetric beam for wall-washing. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	20.8 mm
Fastening	tape
ROHS compliant	yes ⓘ

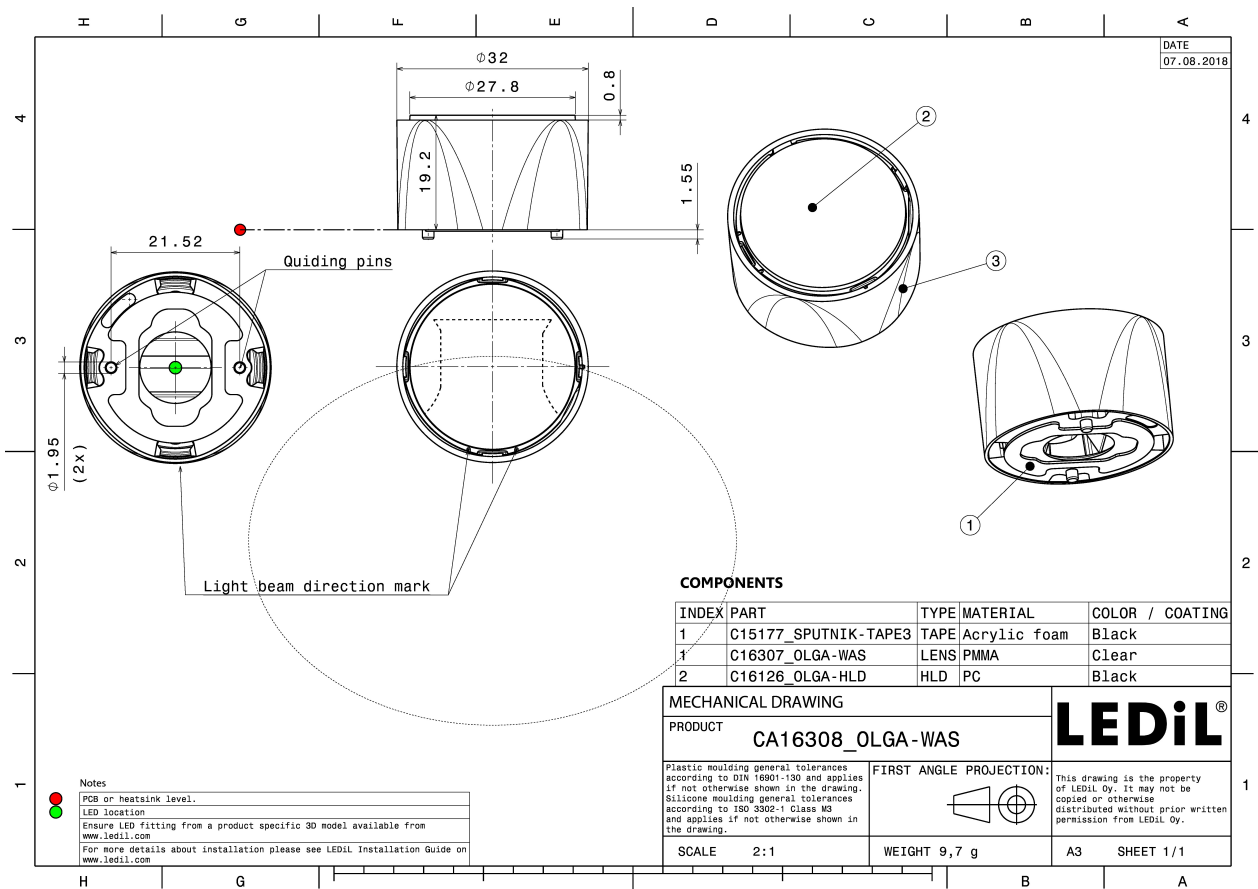
MATERIALS:

Component	Type	Material	Colour	Finish
OLGA-WAS	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16308_OLGA-WAS	Single lens	792	132	66	9.0
» Box size: 476 x 273 x 292 mm					



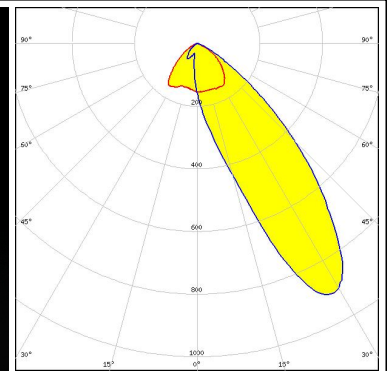


See also our general installation guide: www.ledil.com/installation_guide

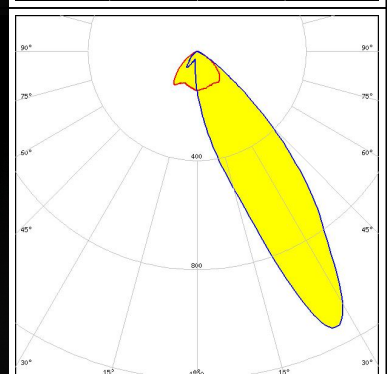
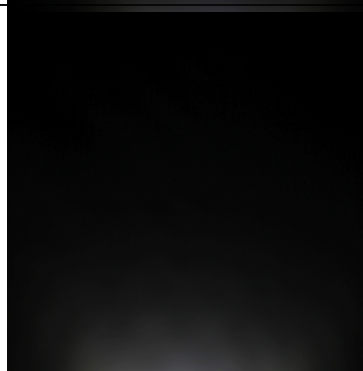
OPTICAL RESULTS (MEASURED):



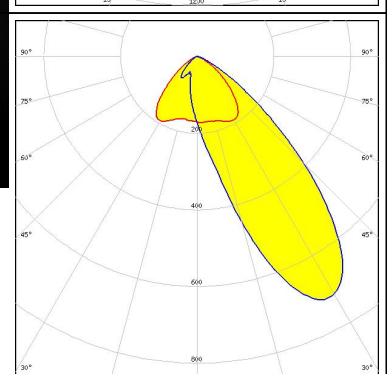
LED XHP35 HD
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



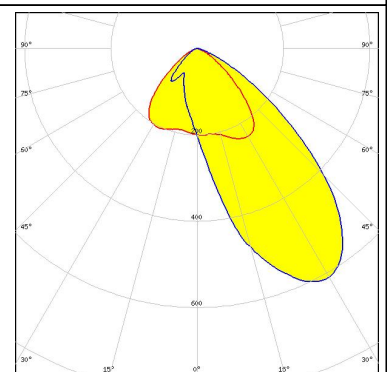
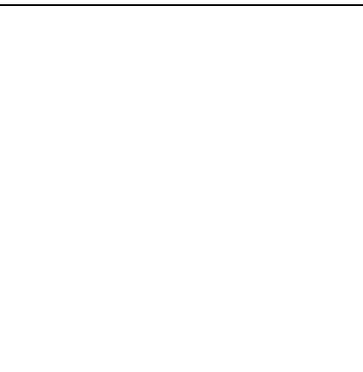
LED XHP35 HI
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM / FWTM Asymmetric
Efficiency 67 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



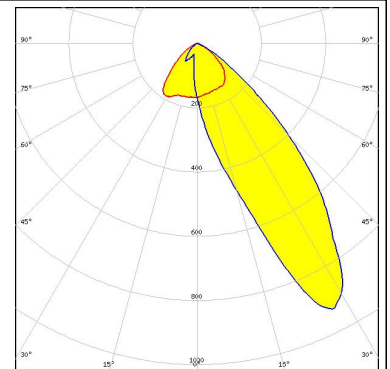
LED XHP70.2
FWHM / FWTM Asymmetric
Efficiency 70 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



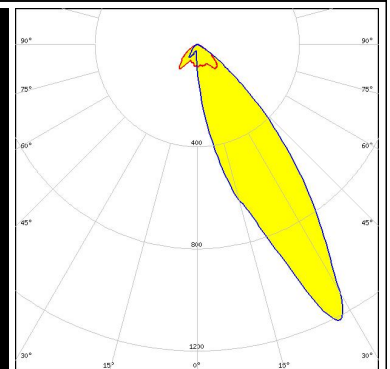
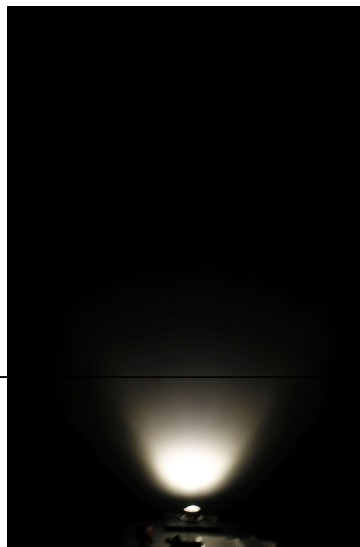
OPTICAL RESULTS (MEASURED):



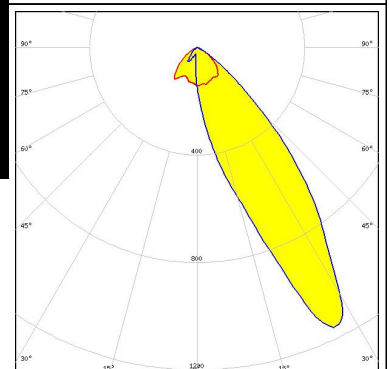
LED XM-L3
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



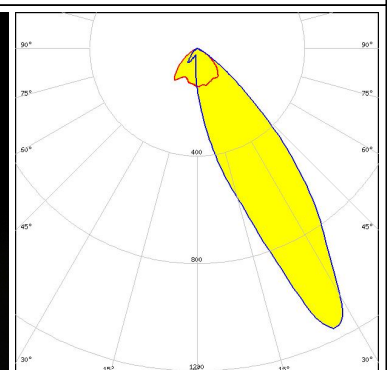
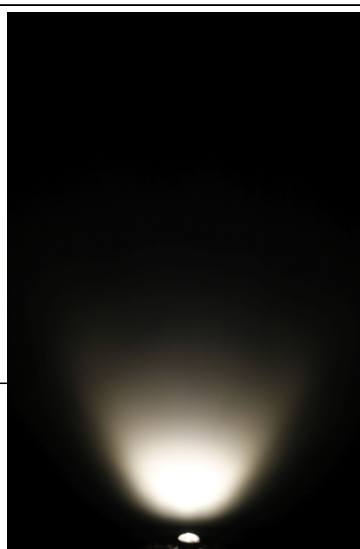
LED XP-E2
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



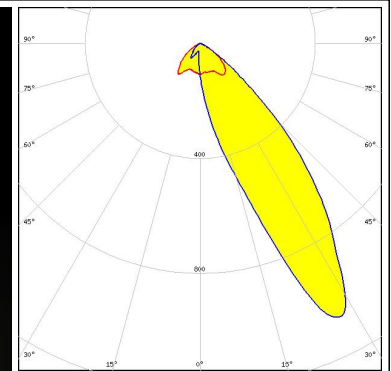
LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



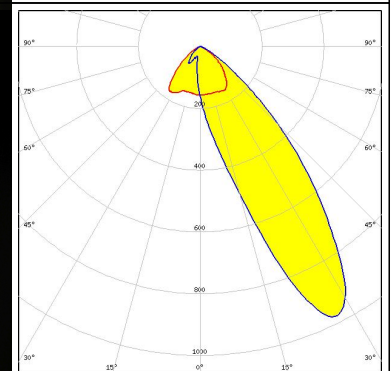
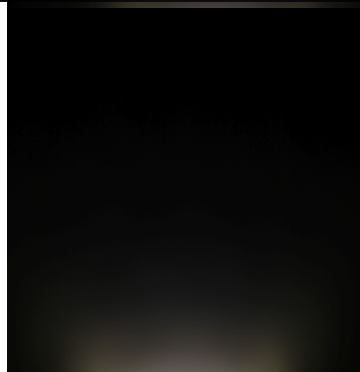
OPTICAL RESULTS (MEASURED):



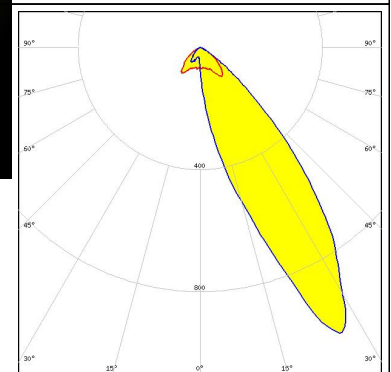
LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



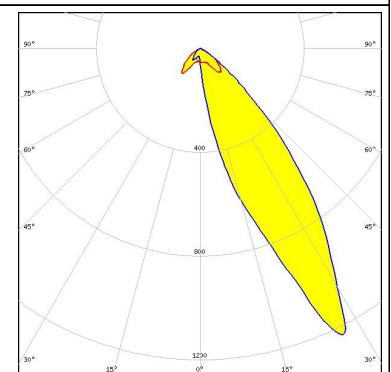
LED XP-L2
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HD
FWHM / FWTM Asymmetric
Efficiency 67 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



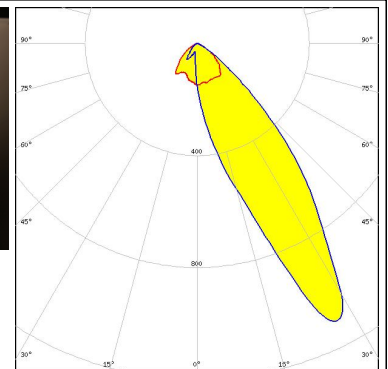
LED XQ-E HI
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



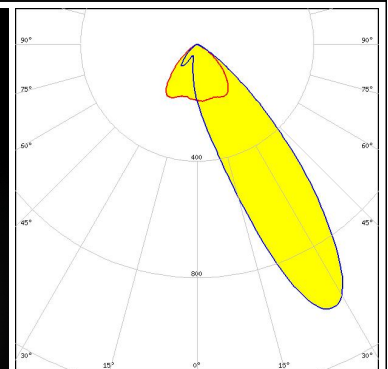
OPTICAL RESULTS (MEASURED):



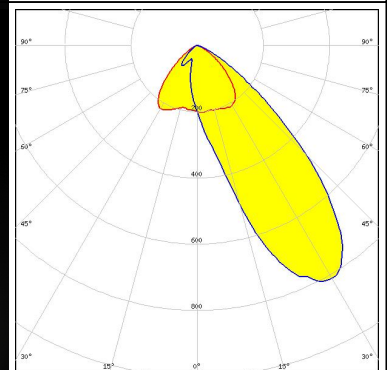
LED XT-E
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



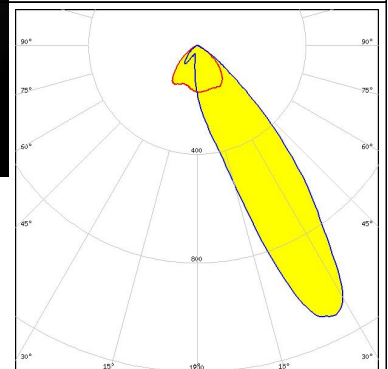
LED LUXEON 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON M/MX
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



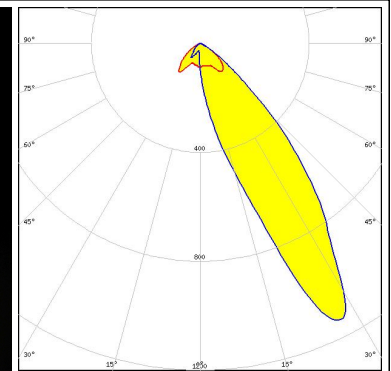
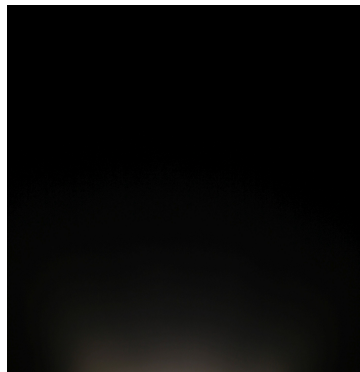
LED LUXEON MZ
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

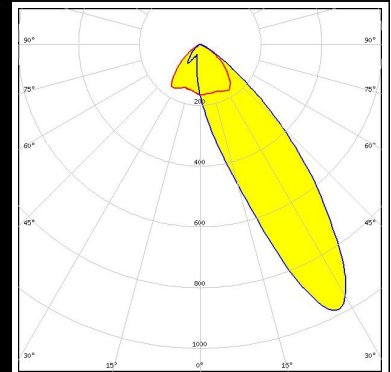
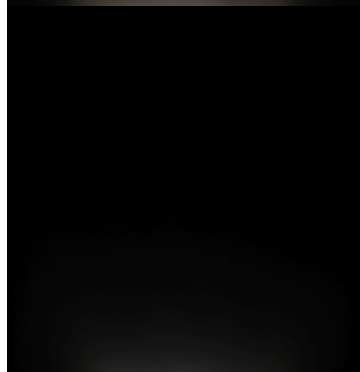
LUMILEDS

LED LUXEON TX
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



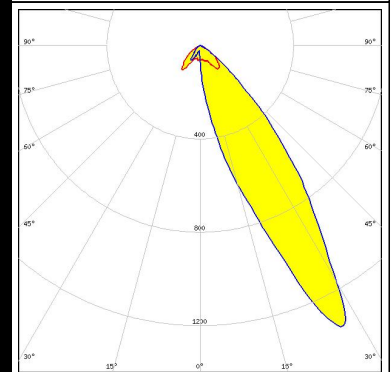
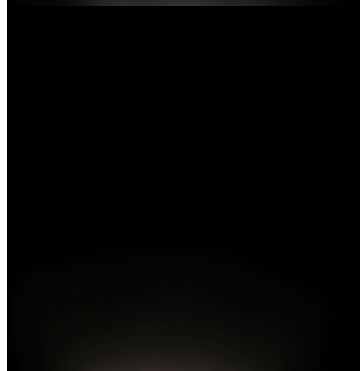
LUMILEDS

LED LUXEON V
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



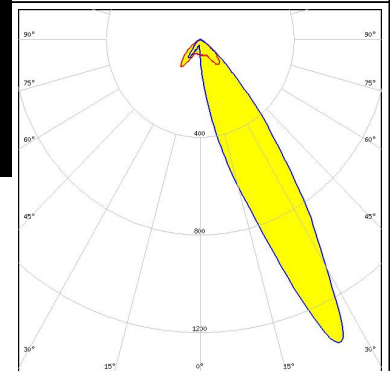
LUMILEDS

LED LUXEON Z ES
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

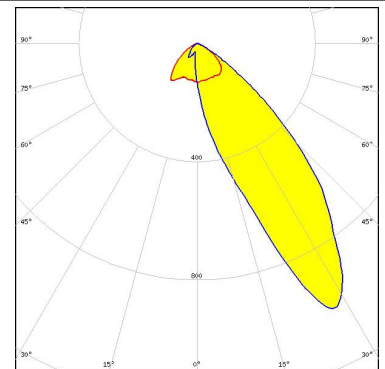
LED NCSxE17A
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



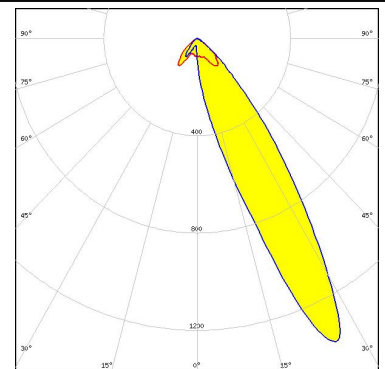
OPTICAL RESULTS (MEASURED):



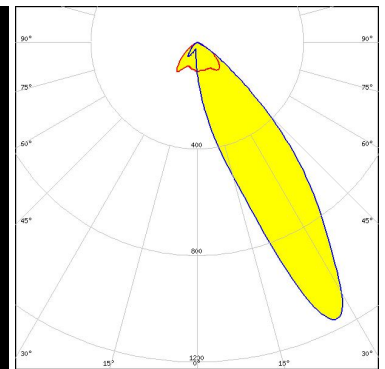
LED NVSW319B
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



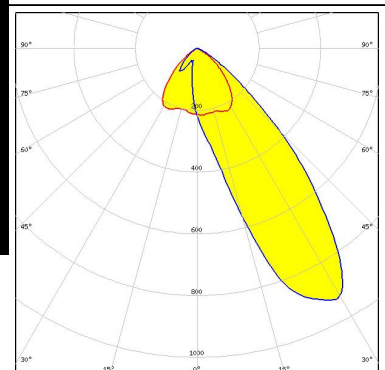
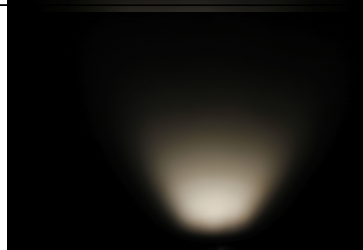
LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

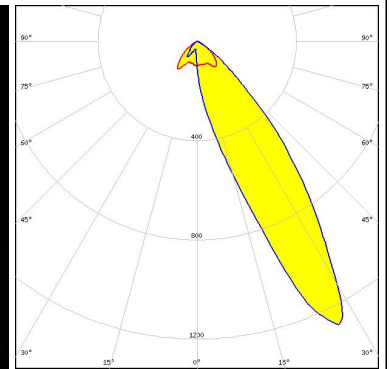
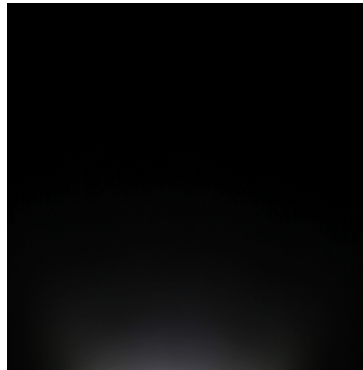


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

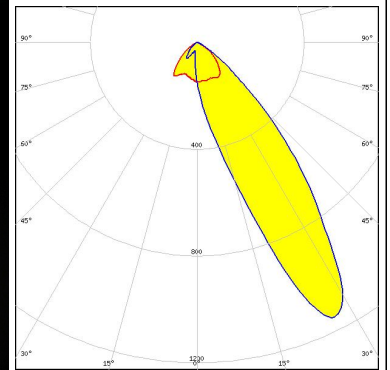
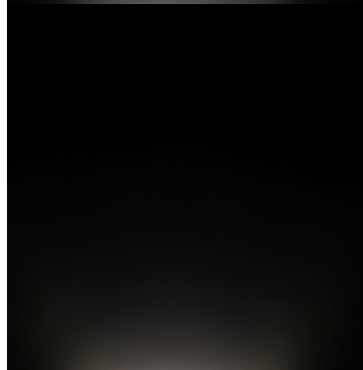
LED OSCONIQ P 3737 (2W version)
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

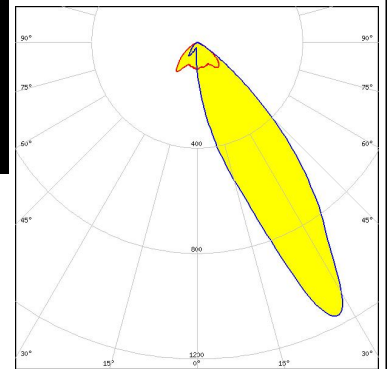
LED OSCONIQ P 3737 (3W version)
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

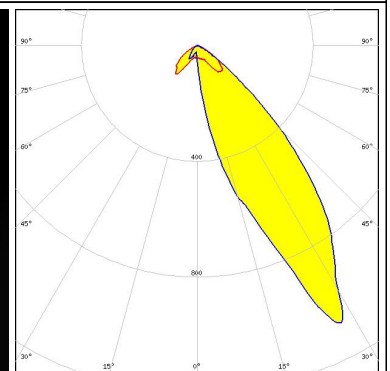
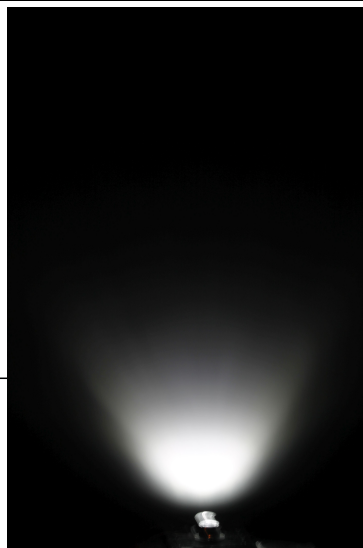
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

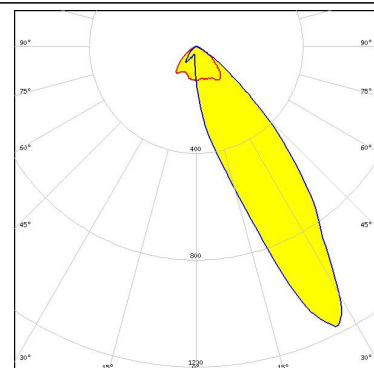


OPTICAL RESULTS (MEASURED):

OSRAM

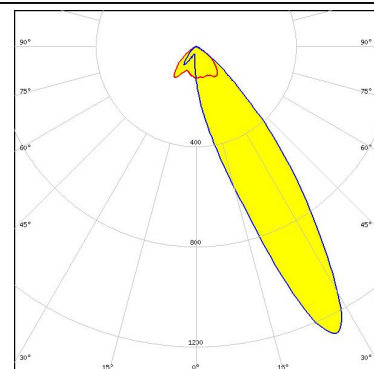
Opto Semiconductors

LED OSTAR Stage (S2WN)
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



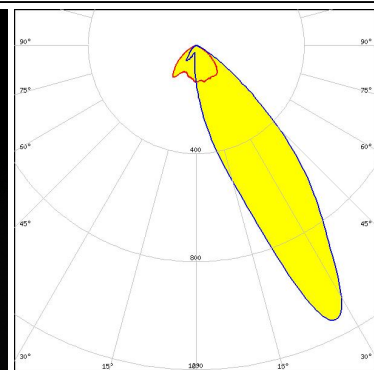
SAMSUNG

LED LH231B
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



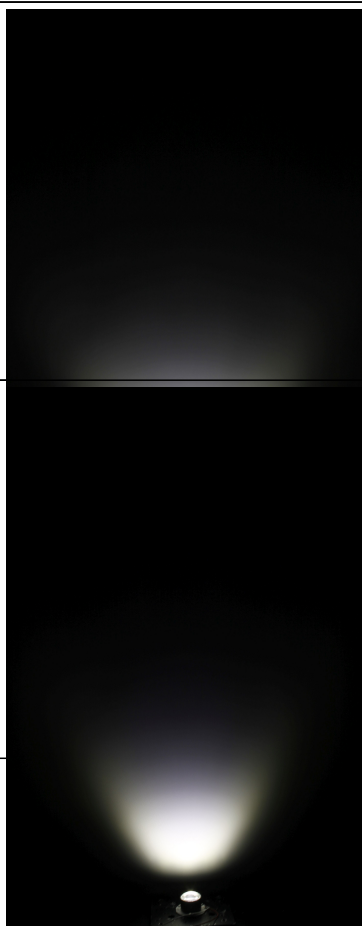
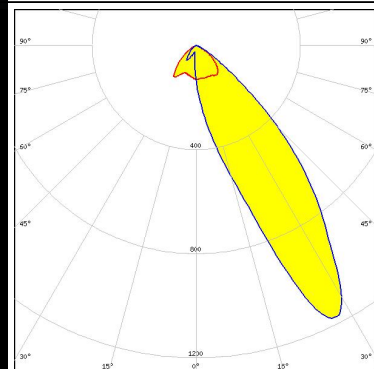
SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

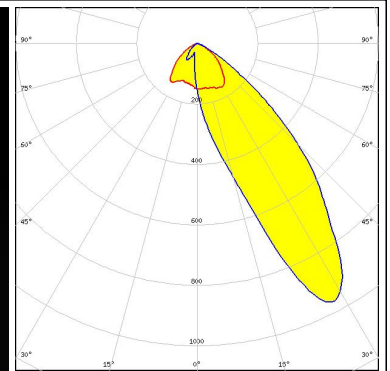
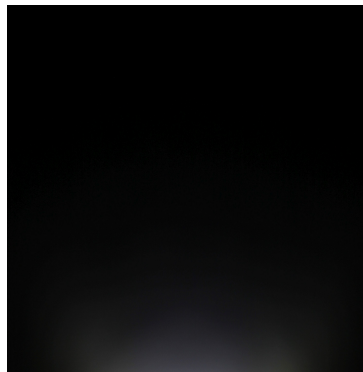
LED LH351C
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

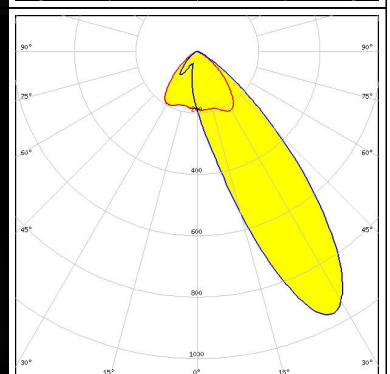
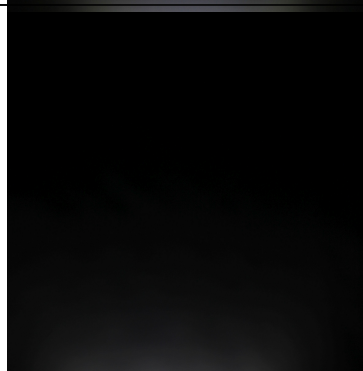
SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



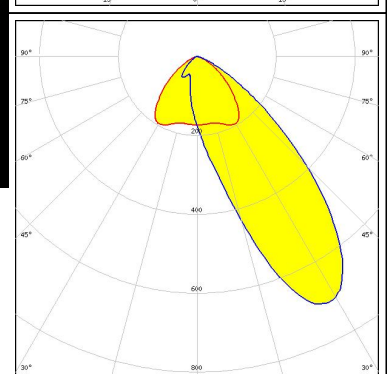
SAMSUNG

LED LH508A
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



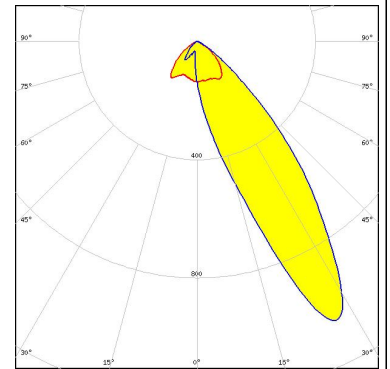
SEOUL SEMICONDUCTOR

LED WICOP 5050
FWHM / FWTM Asymmetric
Efficiency 69 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

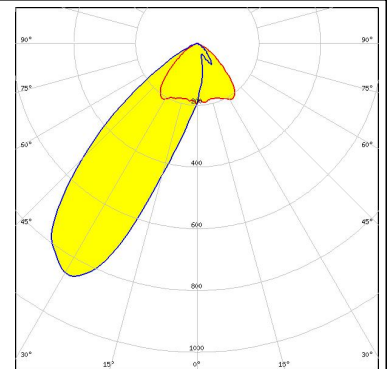
LED Z5M3
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



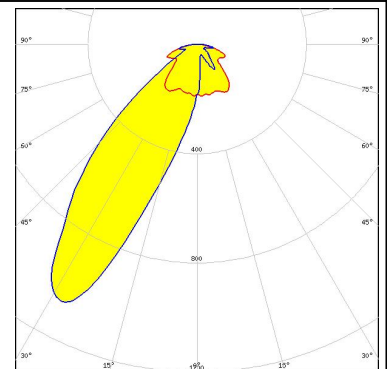
OPTICAL RESULTS (SIMULATED):



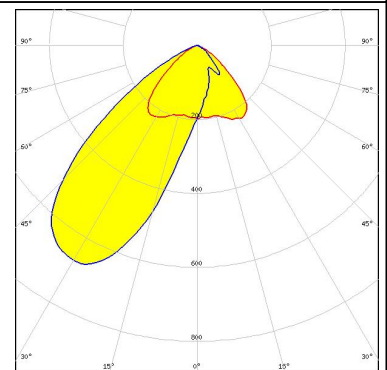
LED XHP50.3 HD
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



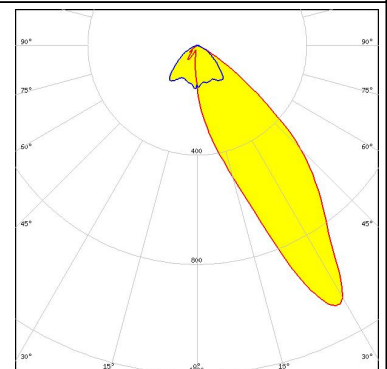
LED XHP50.3 HI
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP70.3 HD
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



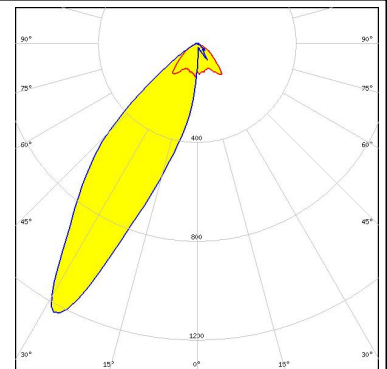
LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



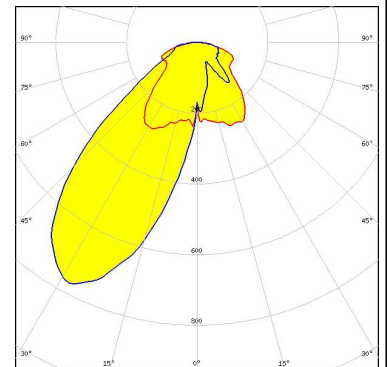
OPTICAL RESULTS (SIMULATED):



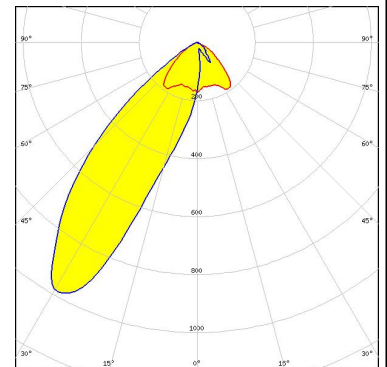
LED XP-L HI
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



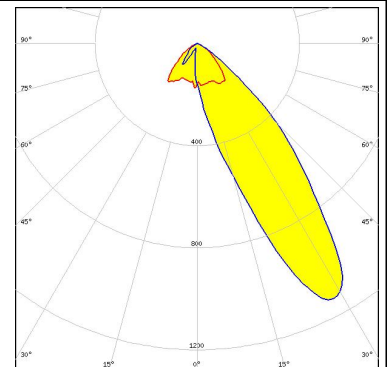
LED LUXEON 7070
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SST-70X-WCS
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



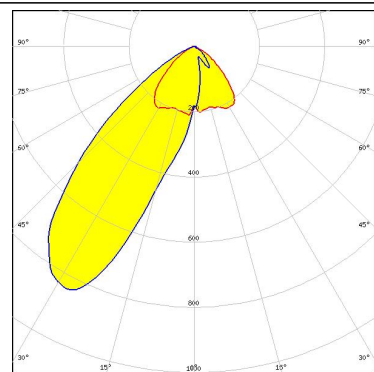
LED NV4WB35AM
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



LED	NV4x144A
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
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.

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LEDiL Oy

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