

FLARE-MAXI

34 x 33 mm lens with ~100° x 15° oval beam

SPECIFICATION:

Dimensions	33.9 x 33.3 mm
Height	16.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

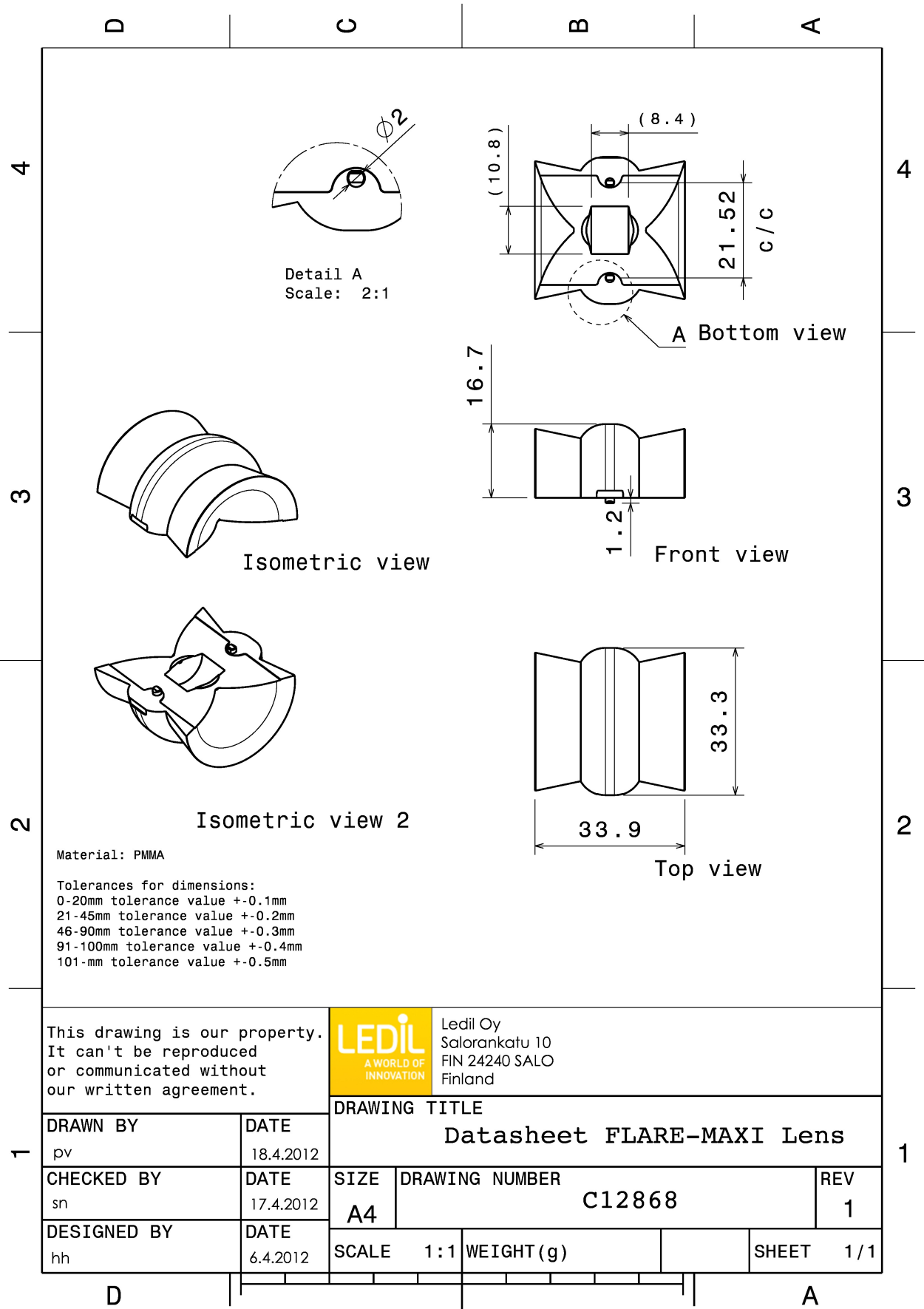
MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-MAXI	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12868_FLARE-MAXI	840	168	168	9.5
» Box size:				



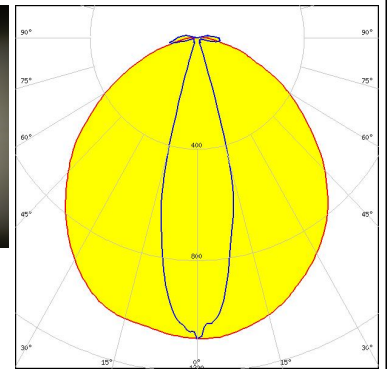
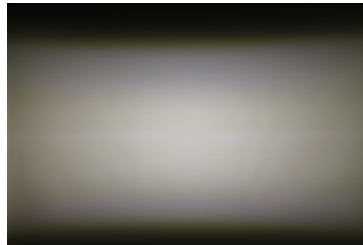


See also our general installation guide: www.ledil.com/installation_guide

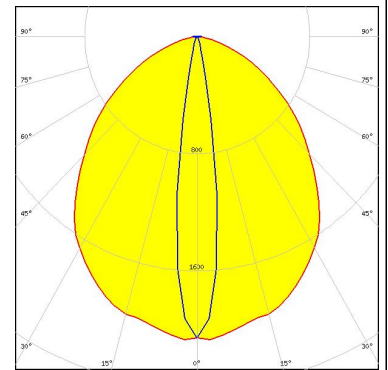
OPTICAL RESULTS (MEASURED):



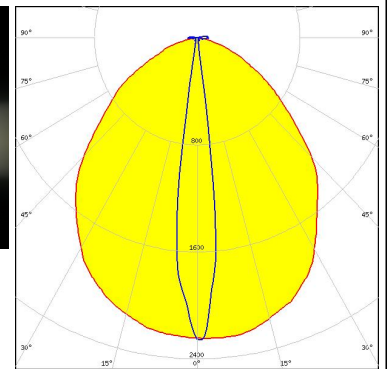
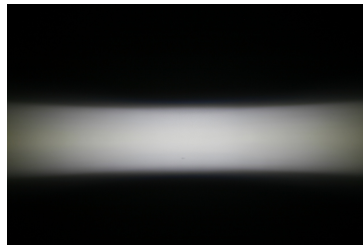
LED XHP70.2
FWHM / FWTM 105.0 + 28.0° / 153.0 + 38.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



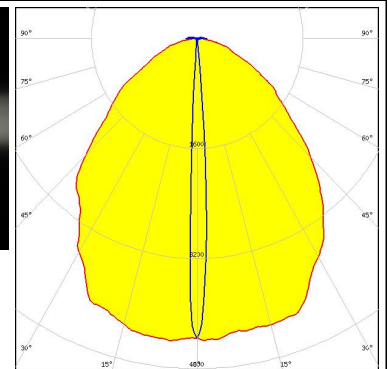
LED XM-L
FWHM / FWTM 96.0 + 15.0° / 147.0 + 28.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L2
FWHM / FWTM 95.0 + 14.0° / 145.0 + 18.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



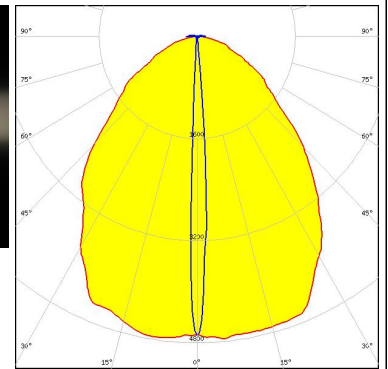
LED XP-E
FWHM / FWTM 94.0 + 6.0° / 149.0 + 10.0°
Efficiency 94 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



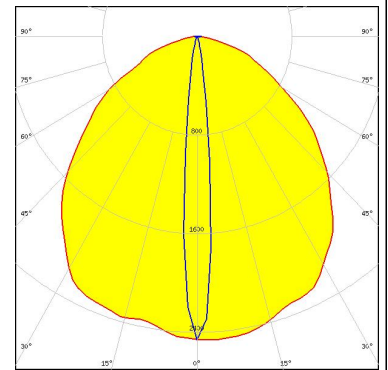
OPTICAL RESULTS (MEASURED):



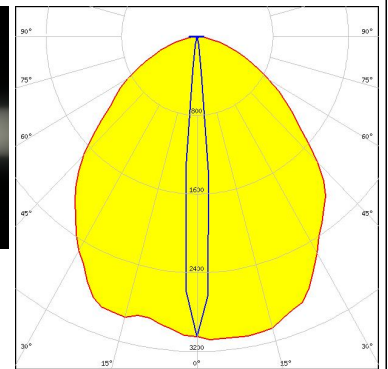
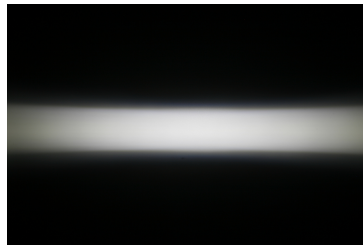
LED XP-E2
FWHM / FWTM 91.0 + 6.0° / 146.0 + 10.0°
Efficiency 94 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



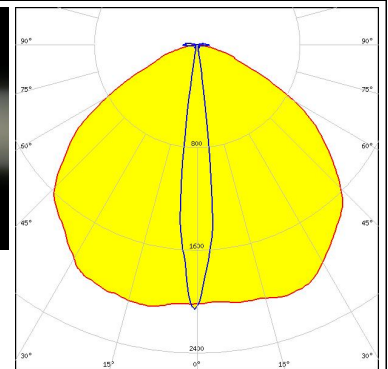
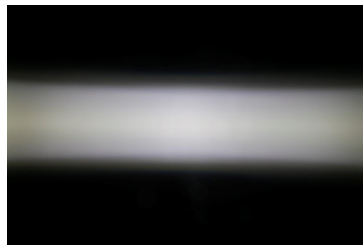
LED XP-G
FWHM / FWTM 105.0 + 11.0° / 152.0 + 22.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM / FWTM 96.0 + 10.0° / 147.0 + 15.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



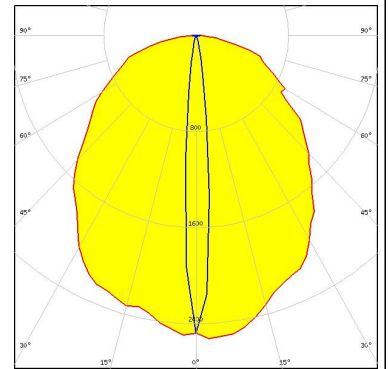
LED XP-L HD
FWHM / FWTM 115.0 + 13.0° / 149.0 + 19.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



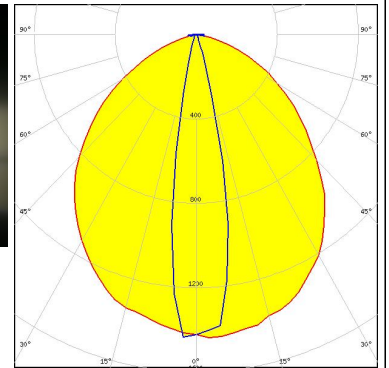
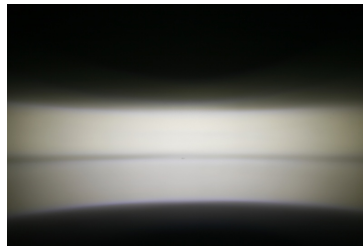
OPTICAL RESULTS (MEASURED):



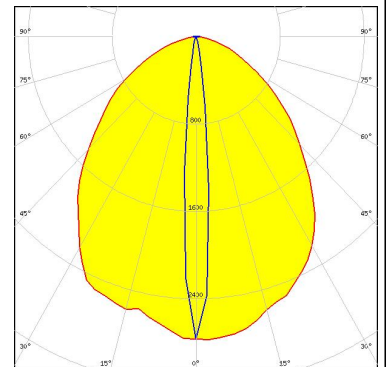
LED XT-E
FWHM / FWTM 96.0 + 10.0° / 160.0 + 23.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



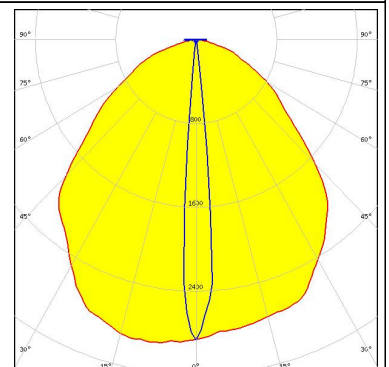
LED LUXEON M/MX
FWHM / FWTM 100.0 + 23.0° / 147.0 + 36.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel ES
FWHM / FWTM 91.0 + 10.0° / 144.0 + 20.0°
Efficiency 94 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



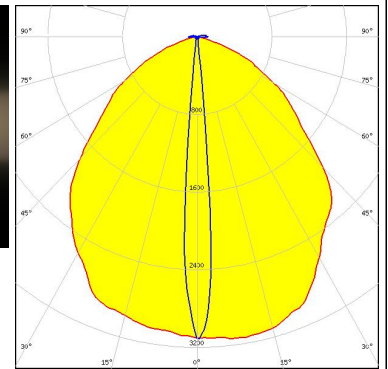
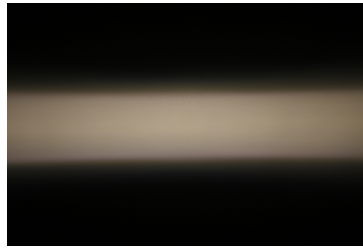
LED LUXEON T
FWHM / FWTM 96.0 + 10.0° / 147.0 + 115.0°
Efficiency 92 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



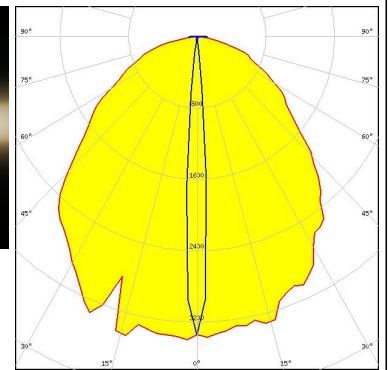
OPTICAL RESULTS (MEASURED):



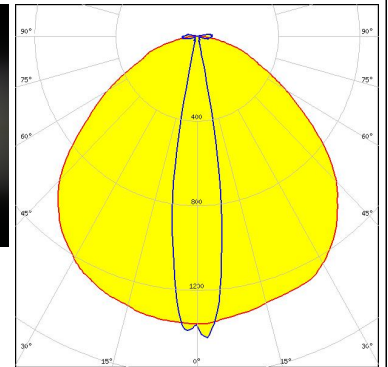
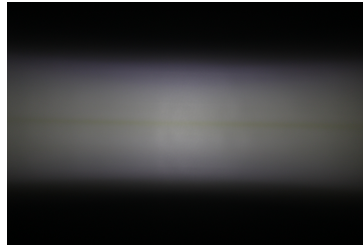
LED LUXEON TX
FWHM / FWTM 96.0 + 9.0° / 141.0 + 14.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



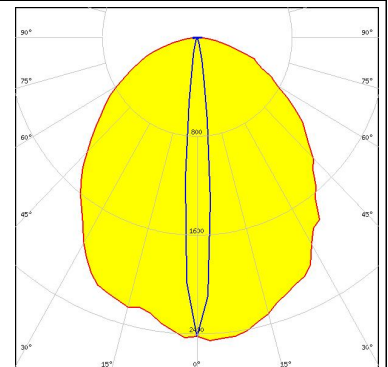
LED NCSxx19B
FWHM / FWTM 98.0 + 9.0° / 155.0 + 15.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NV4x144A
FWHM / FWTM 108.0 + 19.0° / 157.0 + 27.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



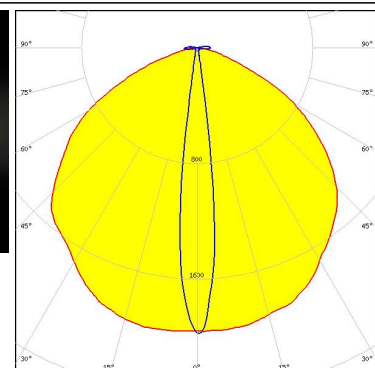
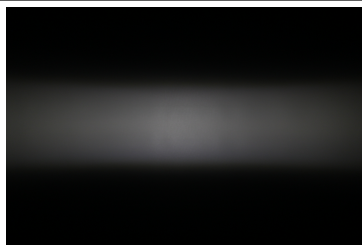
LED NVSxx19B/NVSxx19C
FWHM / FWTM 98.0 + 11.0° / 153.0 + 23.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



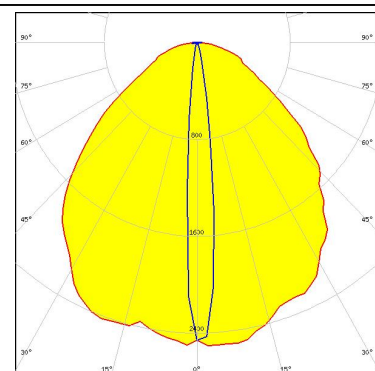
OPTICAL RESULTS (MEASURED):



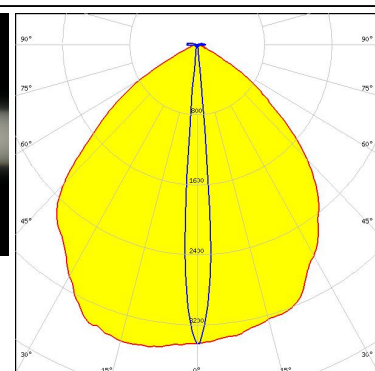
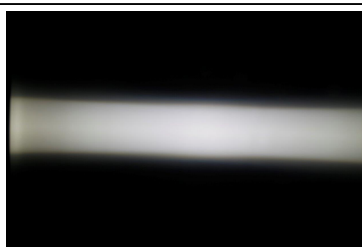
LED NWSx229A
FWHM / FWTM 122.0 + 13.0° / 147.0 + 20.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM Square PC
FWHM / FWTM 98.0 + 13.0° / 153.0 + 25.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



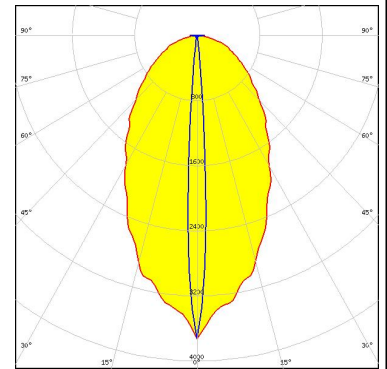
LED LH351Z
FWHM / FWTM 95.0 + 9.0° / 125.0 + 13.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



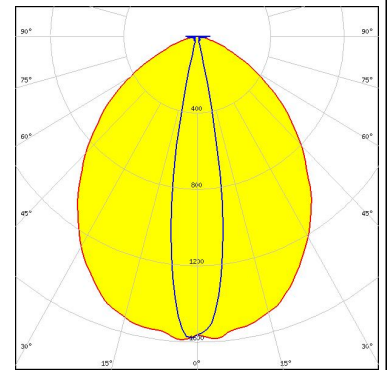
OPTICAL RESULTS (SIMULATED):



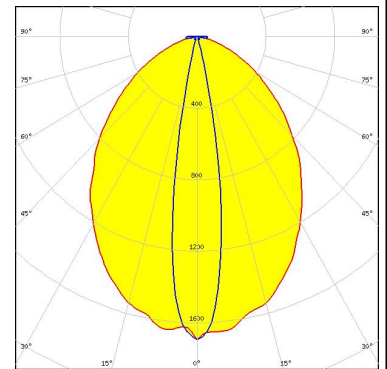
LED XD16
FWHM / FWTM 60.0 + 7.0° / 143.0 + 13.0°
Efficiency 94 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



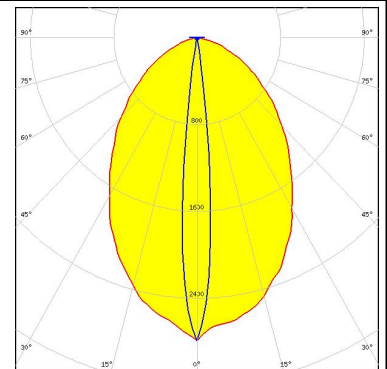
LED XHP50.3 HD
FWHM / FWTM 92.0 + 20.0° / 139.0 + 28.0°
Efficiency 95 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP70.3 HI
FWHM / FWTM 86.0 + 18.0° / 141.0 + 29.0°
Efficiency 96 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



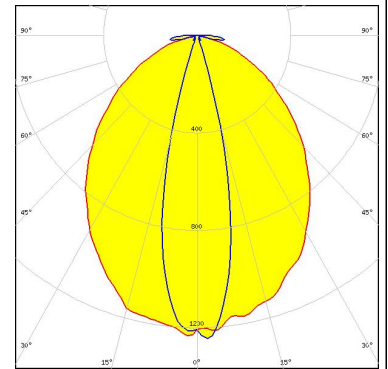
LED XP-G2 HE
FWHM / FWTM 75.0 + 11.0° / 137.0 + 18.0°
Efficiency 95 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

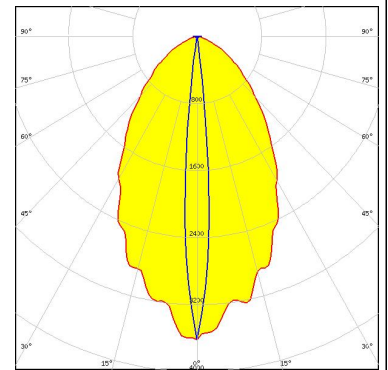
LUMILEDS

LED LUXEON 7070
FWHM / FWTM 92.0 + 25.0° / 146.0 + 100.0°
Efficiency 96 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



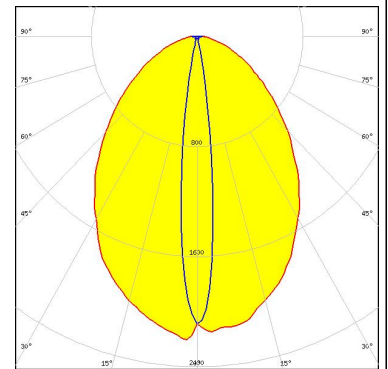
LUMILEDS

LED LUXEON H50-2
FWHM / FWTM 9.5 + 64.0° / 15.0 + 122.0°
Efficiency 92 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



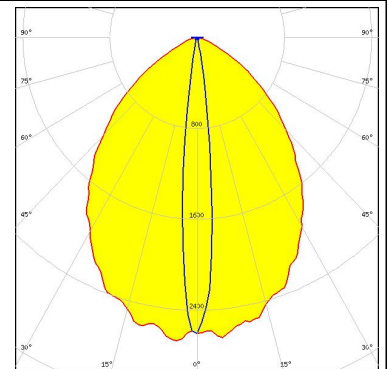
LUMILEDS

LED LUXEON V
FWHM / FWTM 12.0 + 79.0° / 23.0 + 143.0°
Efficiency 93 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

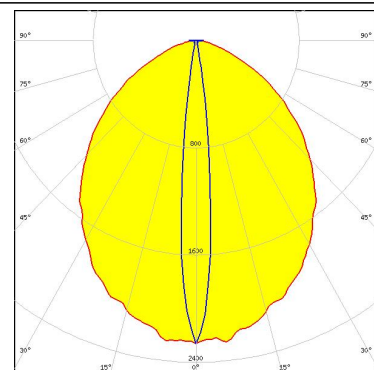
LED NVSW219D
FWHM / FWTM 85.0 + 12.0° / 127.0 + 21.0°
Efficiency 94 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



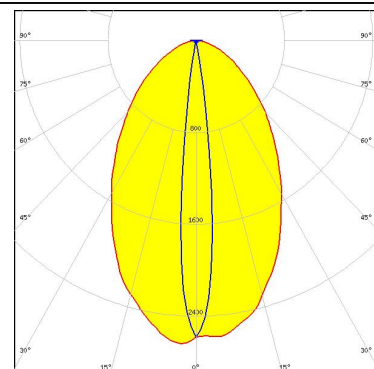
OPTICAL RESULTS (SIMULATED):



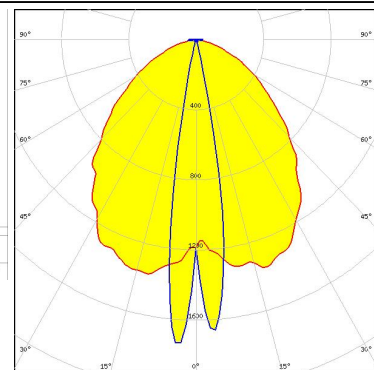
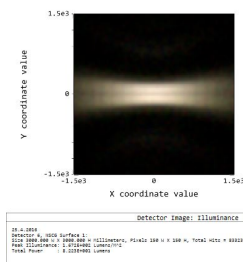
LED	NVSW3x9A
FWHM / FWTM	95.0 + 12.0° / 144.0 + 22.0°
Efficiency	94 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



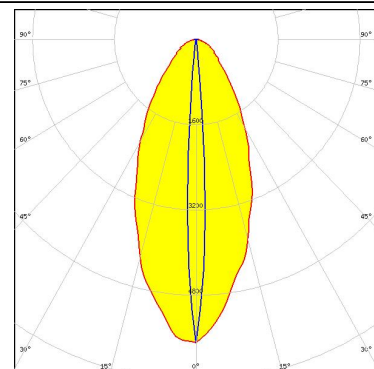
LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	69.0 + 12.0° / 133.0 + 20.0°
Efficiency	95 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	OSCONIQ P 7070
FWHM / FWTM	84.0 + 18.0° / 140.0 + 23.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



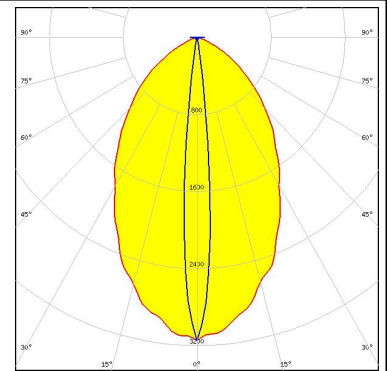
LED	OSLON SSL 80
FWHM / FWTM	46.0 + 6.0° / 101.0 + 12.0°
Efficiency	95 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

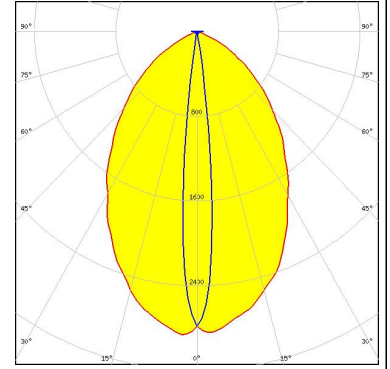
SAMSUNG

LED LH351B
FWHM / FWTM 68.0 + 10.0° / 126.0 + 17.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



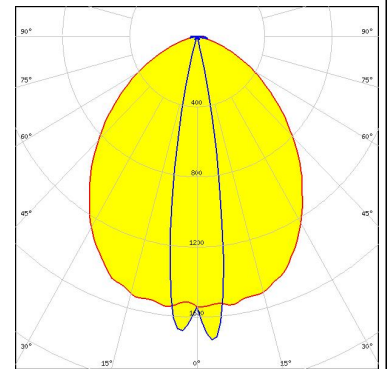
SAMSUNG

LED LH351C
FWHM / FWTM 74.0 + 11.0° / 126.0 + 20.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH502C
FWHM / FWTM 93.0 + 18.0° / 140.0 + 27.0°
Efficiency 95 %
Peak intensity 1.7 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.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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