

FLARE-MAXI

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

TECHNICAL SPECIFICATIONS:

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

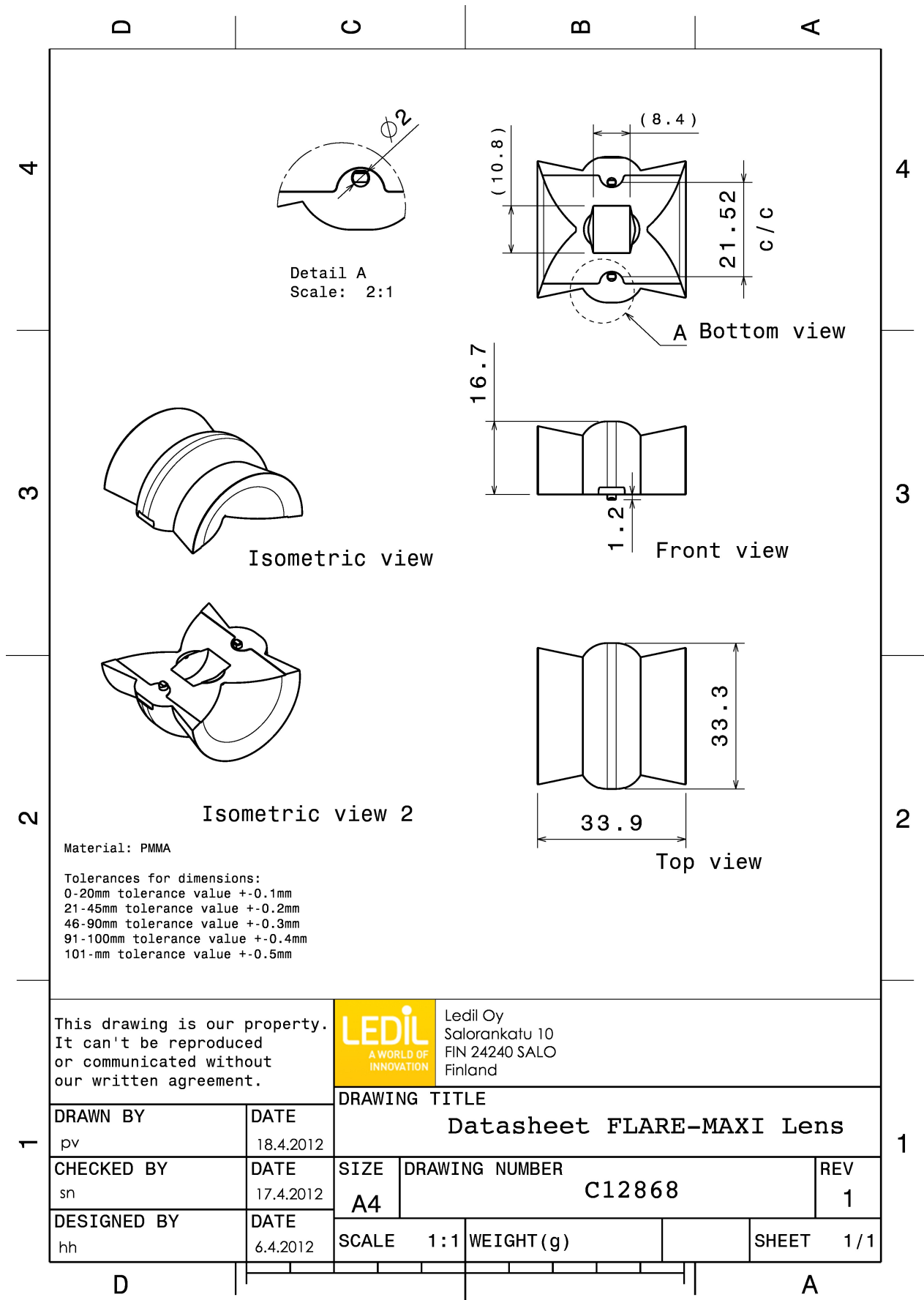


MATERIAL SPECIFICATIONS:

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 » Box size:	840	168	168	9.5



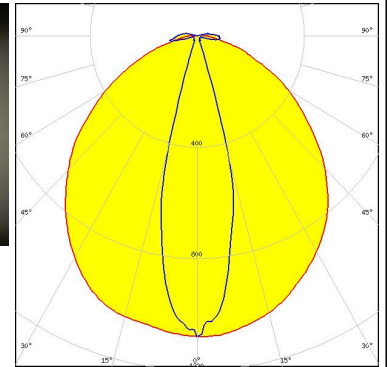
This drawing is our property. It can't be reproduced or communicated without our written agreement.				LediL Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWN BY pv		DATE 18.4.2012		DRAWING TITLE Datasheet FLARE-MAXI Lens	
CHECKED BY sn		DATE 17.4.2012		SIZE A4	DRAWING NUMBER C12868
DESIGNED BY hh		DATE 6.4.2012		SCALE 1:1	WEIGHT (g)
				SHEET	1/1

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

PHOTOMETRIC DATA (MEASURED):

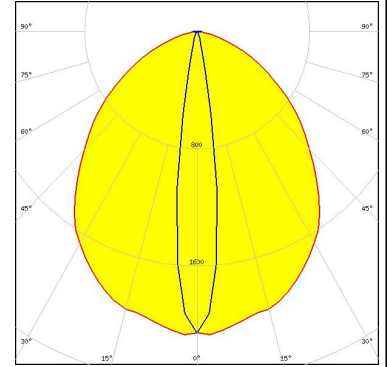
CREE LED

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:



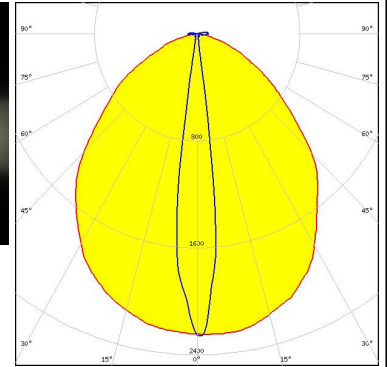
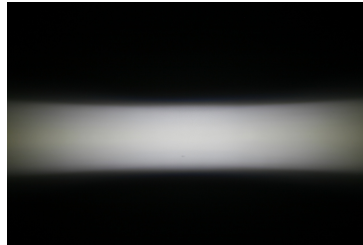
CREE LED

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:



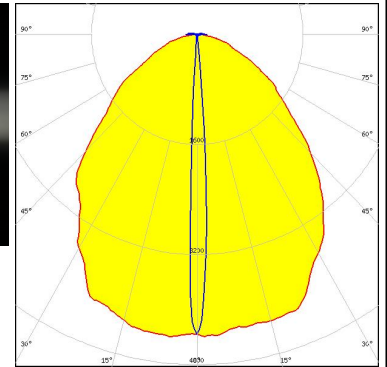
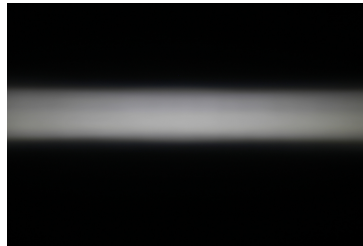
CREE LED

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:



CREE LED

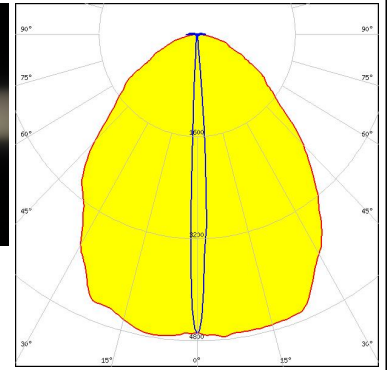
LED XP-E
 FWHM / FWTM 94.0 + 6.0° / 149.0 + 10.0°
 Efficiency 94 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

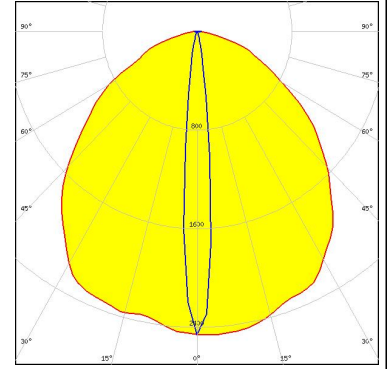
CREE LED

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:



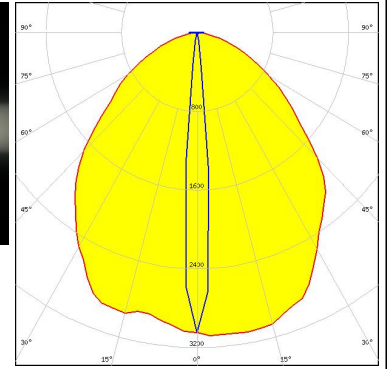
CREE LED

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:



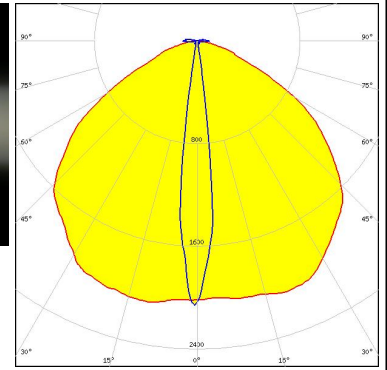
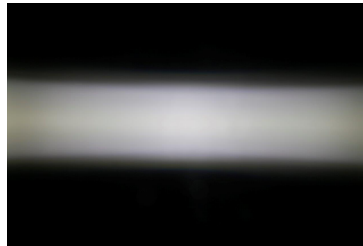
CREE LED

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:



CREE LED

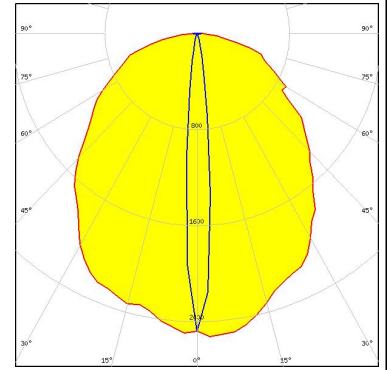
LED XP-L HD
 FWHM / FWTM 115.0 + 13.0° / 149.0 + 19.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



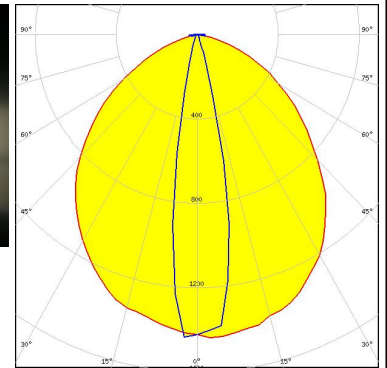
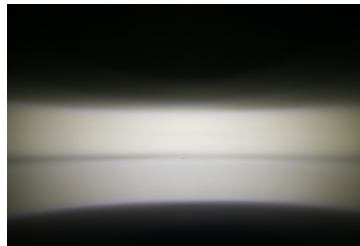
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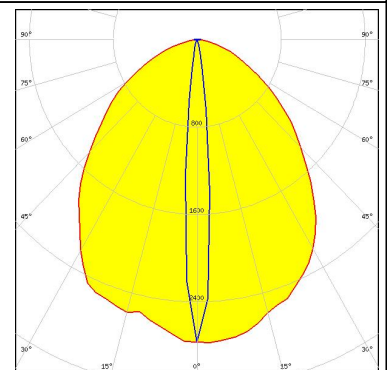
LED XT-E
 FWHM / FWTM 96.0 + 10.0° / 160.0 + 23.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



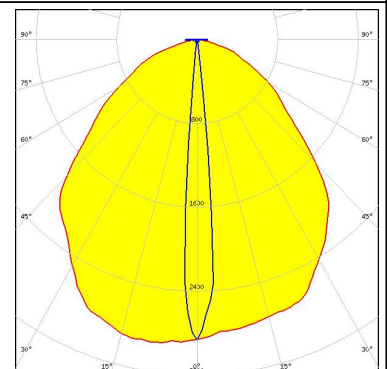
LED LUXEON M/MX
 FWHM / FWTM 100.0 + 23.0° / 147.0 + 36.0°
 Efficiency 94 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



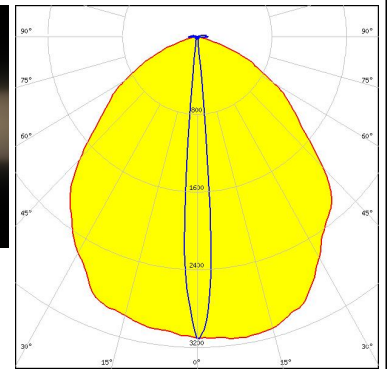
LED LUXEON T
 FWHM / FWTM 96.0 + 10.0° / 147.0 + 115.0°
 Efficiency 92 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

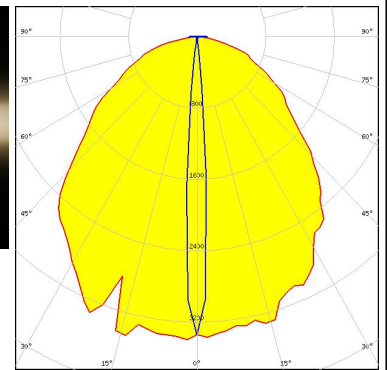
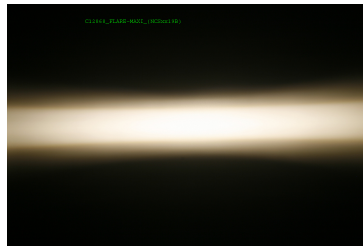
LUMILEDS

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:



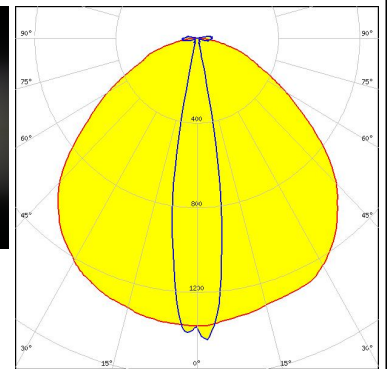
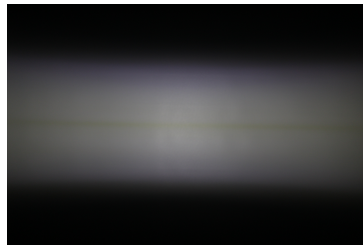
NICHIA

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:



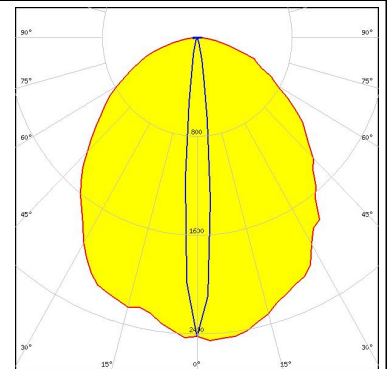
NICHIA

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:



NICHIA

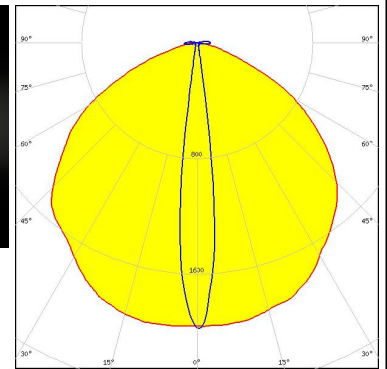
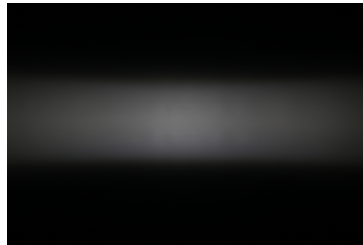
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 98.0 + 11.0° / 153.0 + 23.0°
 Efficiency 94 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



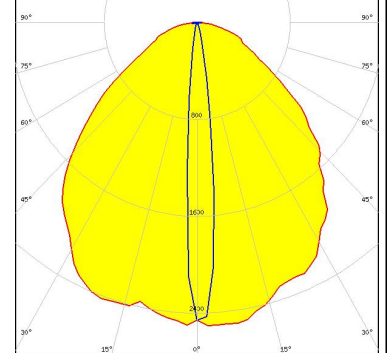
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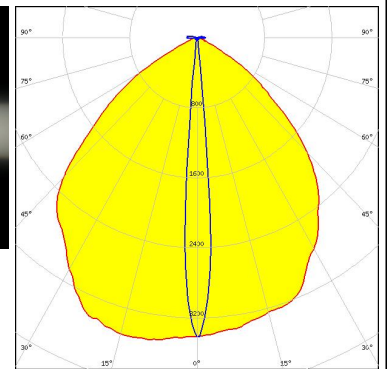
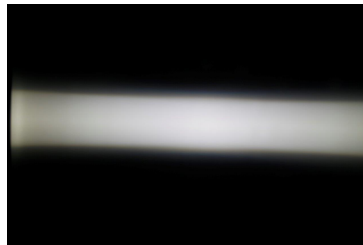
LED NWSx229A
FWHM / FWTM 122.0 + 13.0° / 147.0 + 20.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSOLON 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:



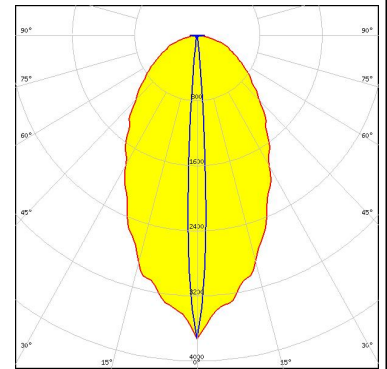
LED LH351Z
FWHM / FWTM 95.0 + 9.0° / 125.0 + 13.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



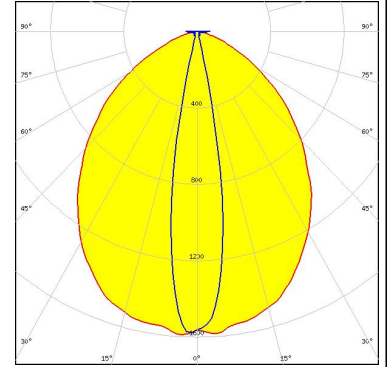
PHOTOMETRIC DATA (SIMULATED):



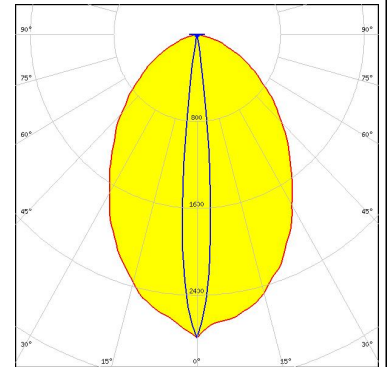
LED XD16
 FWHM / FWTM 60.0 + 7.0° / 143.0 + 13.0°
 Efficiency 94 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



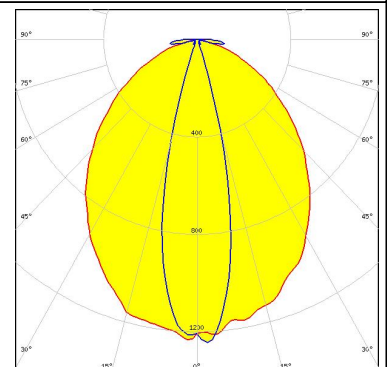
LED XHP50.3 HD
 FWHM / FWTM 92.0 + 20.0° / 139.0 + 28.0°
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



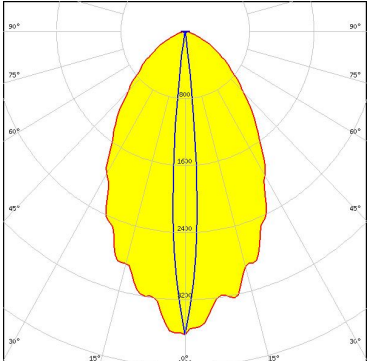
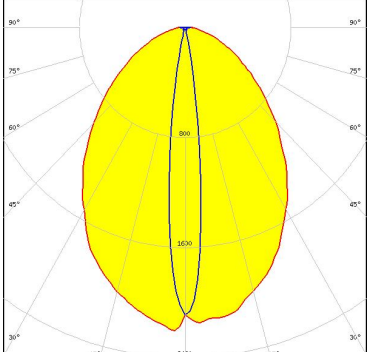
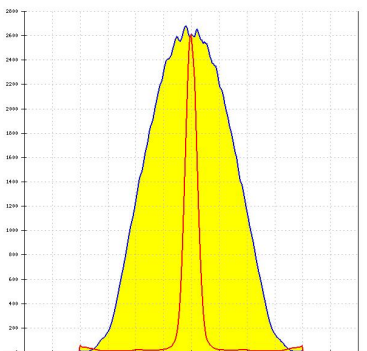
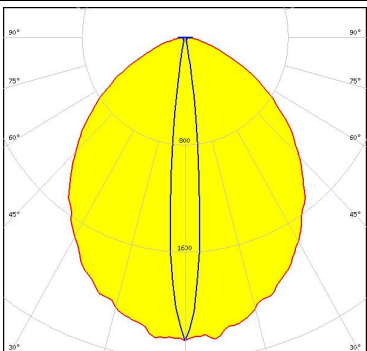
LED XP-G2 HE
 FWHM / FWTM 75.0 + 11.0° / 137.0 + 18.0°
 Efficiency 95 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



PHOTOMETRIC DATA (SIMULATED):

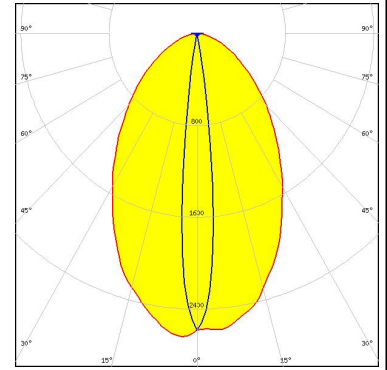
<p>LUMILEDS</p> <p>LED LUXEON H50-2 FWHM / FWTM 9.5 + 64.0° / 15.0 + 122.0° Efficiency 92 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON V FWHM / FWTM 12.0 + 79.0° / 23.0 + 143.0° Efficiency 93 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>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:</p>	
<p>NICHIA</p> <p>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:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

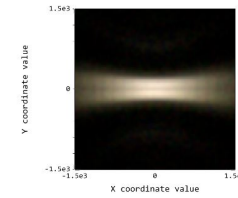
LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM 69.0 + 12.0° / 133.0 + 20.0°
 Efficiency 95 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

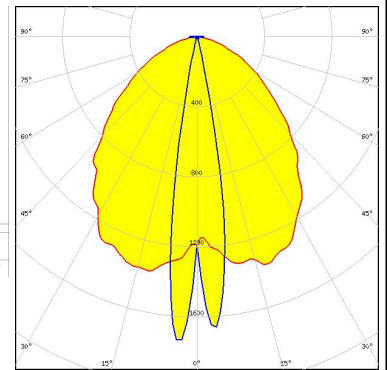
Opto Semiconductors

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:



detector image: illuminance
 21.0.0264
 detector: 0.020 surface: 1
 0.020 0.020 0.020 0.020 0.020 0.020
 0.020 0.020 0.020 0.020 0.020 0.020
 0.020 0.020 0.020 0.020 0.020 0.020
 Total Power: 1.8 0.020 0.020 lumens

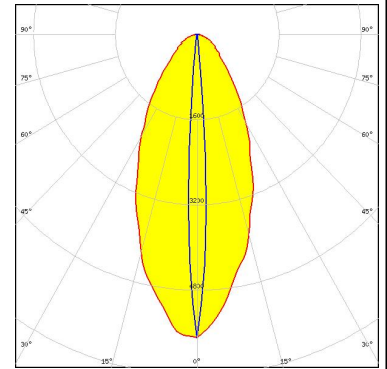
C12868_FLARE-MAXI_0001_P14.dwg
 Configuration: 1 of 1



OSRAM

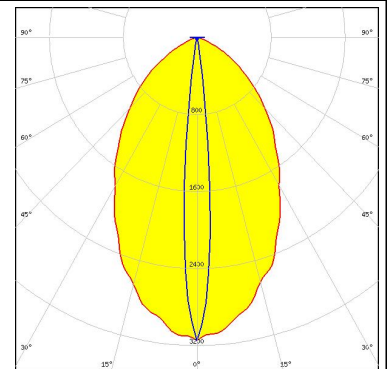
Opto Semiconductors

LED OSLOM 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:



SAMSUNG

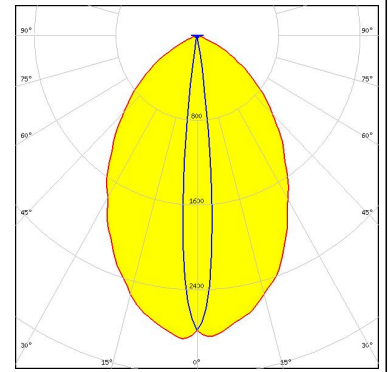
LED LH351B
 FWHM / FWTM 68.0 + 10.0° / 126.0 + 17.0°
 Efficiency 94 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

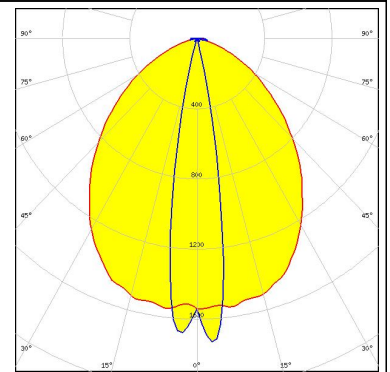
SAMSUNG

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

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P.R.CHINA

Local sales and technical support

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Shipping locations

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Hong Kong, China

Distribution Partners

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