

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 ⓘ

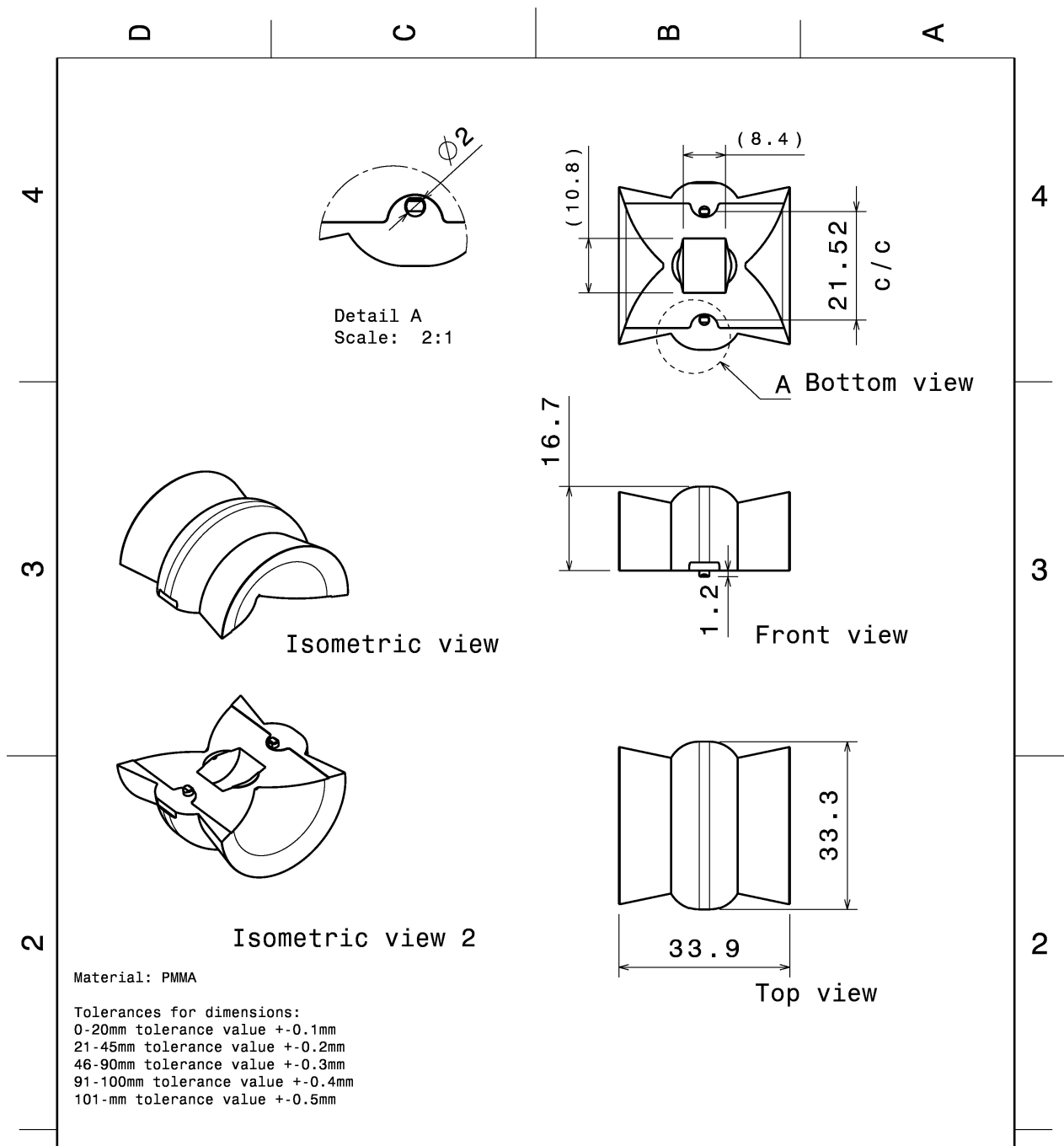
MATERIAL SPECIFICATIONS:

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

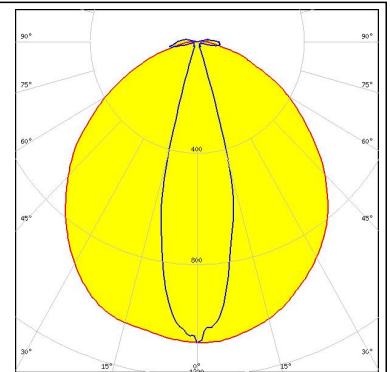
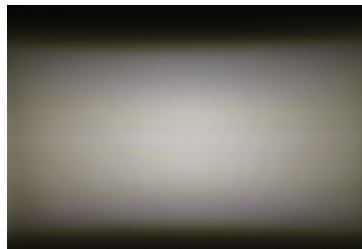


This drawing is our property. It can't be reproduced or communicated without our written agreement.				LediL Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWING TITLE					
DRAWN BY pv		DATE 18.4.2012		Datasheet FLARE-MAXI Lens	
CHECKED BY sn		DATE 17.4.2012		SIZE A4	
DESIGNED BY hh		DATE 6.4.2012		DRAWING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

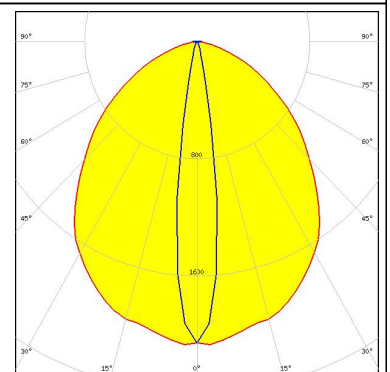
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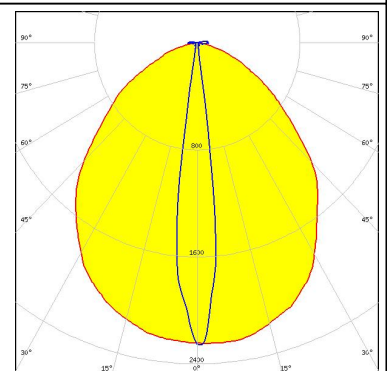
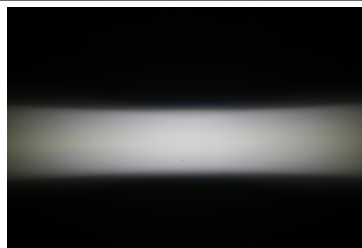
LED XHP70.2
 FWHM 105.0 + 28.0°
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



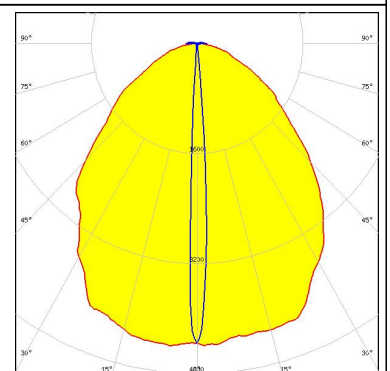
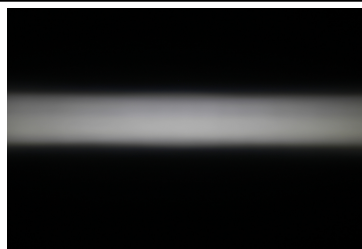
LED XM-L
 FWHM 96.0 + 15.0°
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XM-L2
 FWHM 95.0 + 14.0°
 Efficiency 94 %
 Peak intensity 2.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



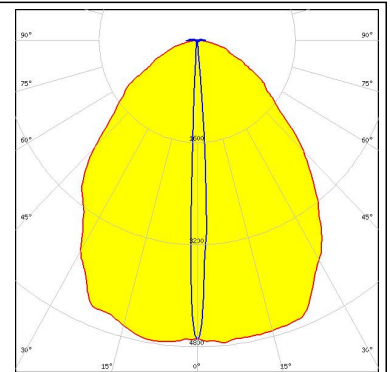
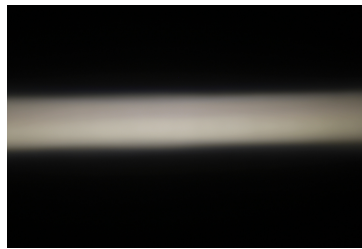
LED XP-E
 FWHM 94.0 + 6.0°
 Efficiency 94 %
 Peak intensity 4.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



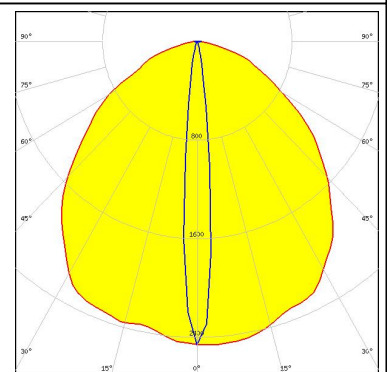
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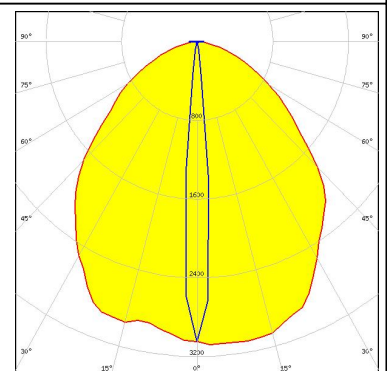
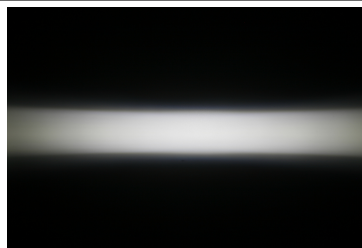
LED XP-E2
 FWHM 91.0 + 6.0°
 Efficiency 94 %
 Peak intensity 4.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



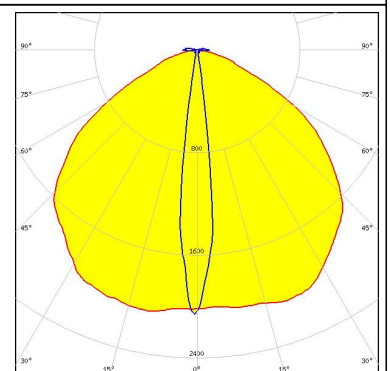
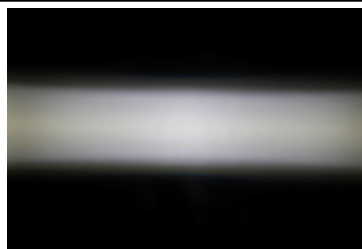
LED XP-G
 FWHM 105.0 + 11.0°
 Efficiency 94 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM 96.0 + 10.0°
 Efficiency 94 %
 Peak intensity 3.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



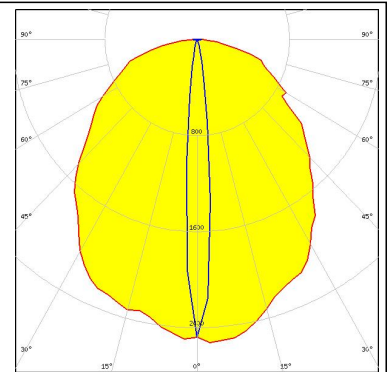
LED XP-L HD
 FWHM 115.0 + 13.0°
 Efficiency 94 %
 Peak intensity 2.110 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



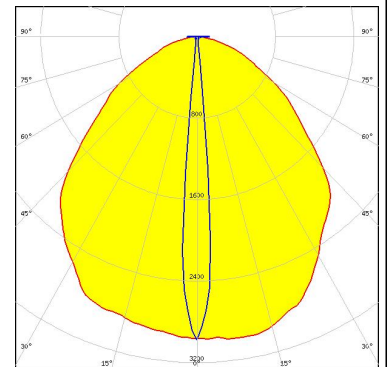
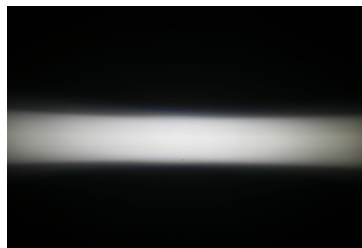
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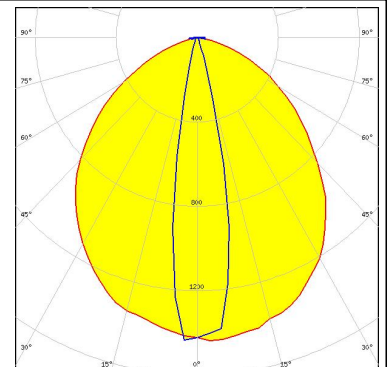
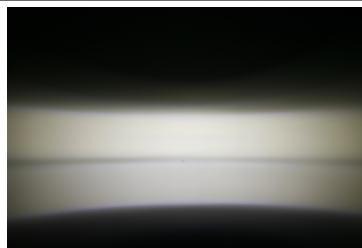
LED XT-E
 FWHM 96.0 + 10.0°
 Efficiency 94 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



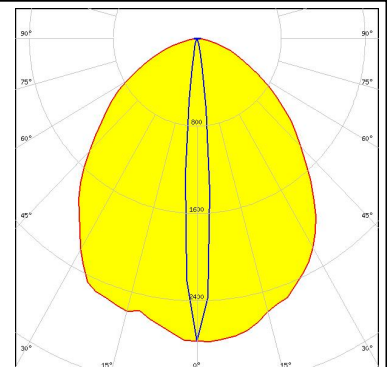
LED H35C1 (LEMWA33)
 FWHM 99.0 + 10.0°
 Efficiency 94 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON M/MX
 FWHM 100.0 + 23.0°
 Efficiency 94 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



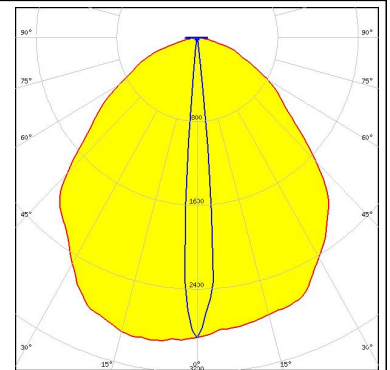
LED LUXEON Rebel ES
 FWHM 91.0 + 10.0°
 Efficiency 94 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

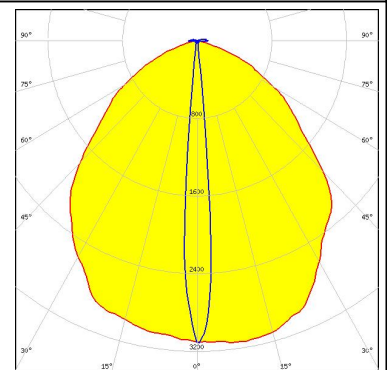
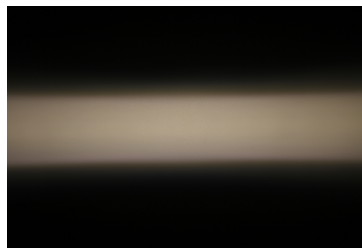
LUMILEDS

LED LUXEON T
FWHM 96.0 + 10.0°
Efficiency 92 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



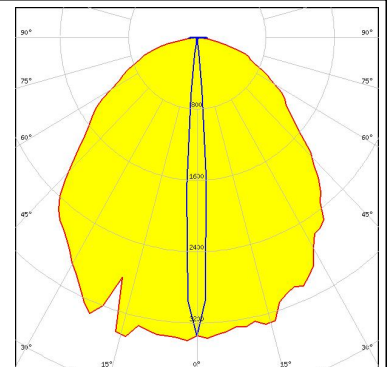
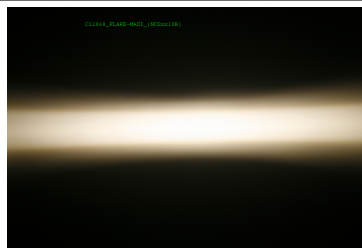
LUMILEDS

LED LUXEON TX
FWHM 96.0 + 9.0°
Efficiency 94 %
Peak intensity 3.180 cd/lm
LEDs/each optic 1
Light colour White
Required components:



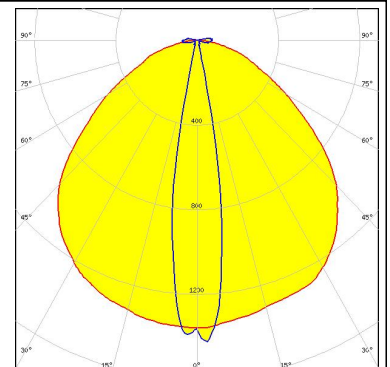
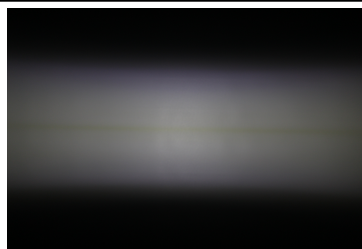
NICHIA

LED NCSxx19B
FWHM 98.0 + 9.0°
Efficiency 94 %
Peak intensity 3.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

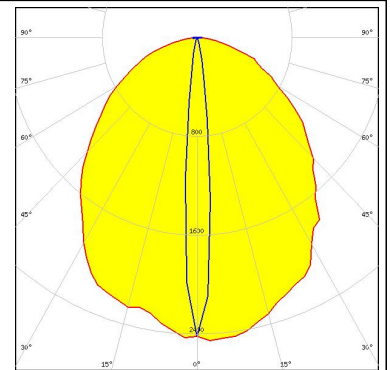
LED NV4x144A
FWHM 108.0 + 19.0°
Efficiency 94 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



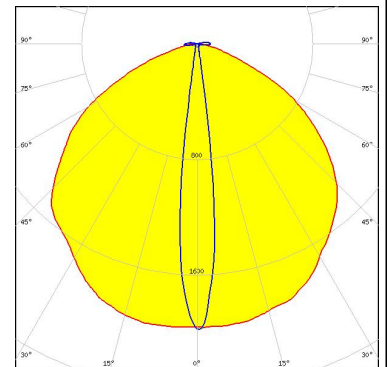
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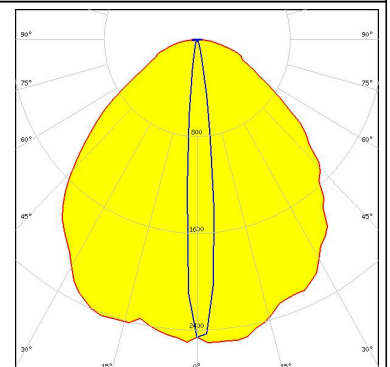
LED NVSxx19B/NVSxx19C
FWHM 98.0 + 11.0°
Efficiency 94 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



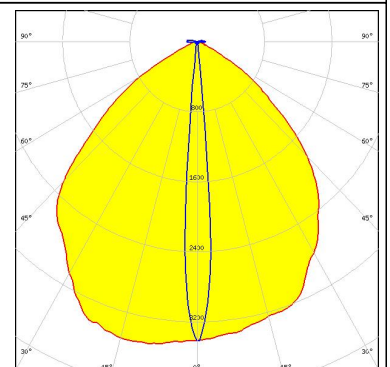
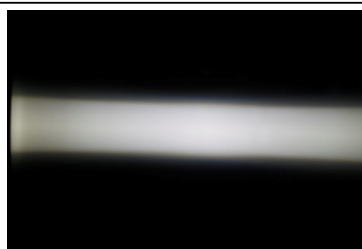
LED NWSx229A
FWHM 122.0 + 13.0°
Efficiency 94 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSOLON Square PC
FWHM 98.0 + 13.0°
Efficiency 94 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



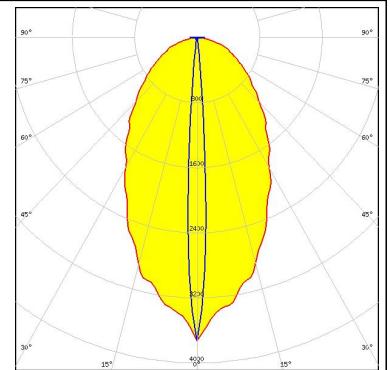
LED LH351Z
FWHM 95.0 + 9.0°
Efficiency 94 %
Peak intensity 3.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



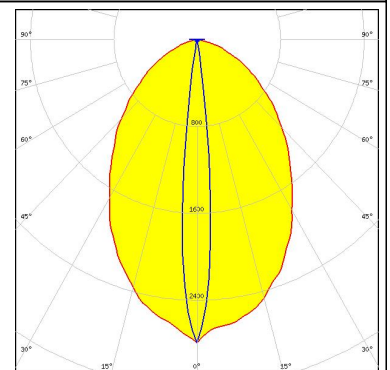
PHOTOMETRIC DATA (SIMULATED):



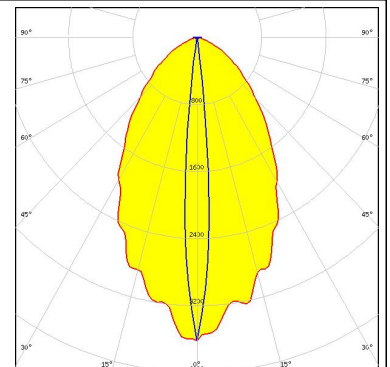
LED XD16
 FWHM 60.0 + 7.0°
 Efficiency 94 %
 Peak intensity 3.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



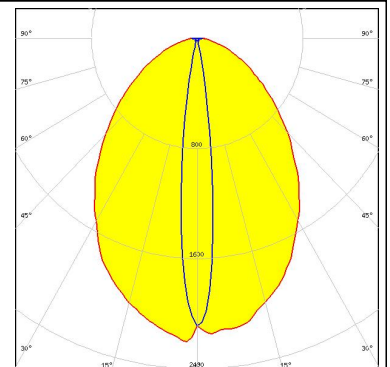
LED XP-G2 HE
 FWHM 75.0 + 11.0°
 Efficiency 95 %
 Peak intensity 2.793 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



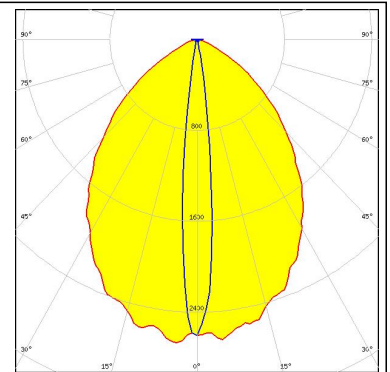
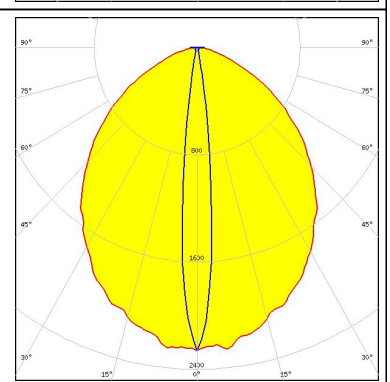
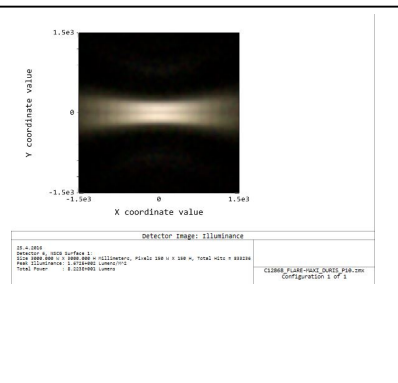
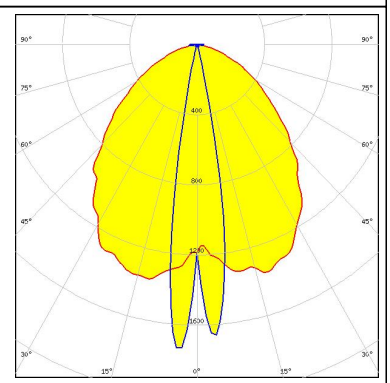
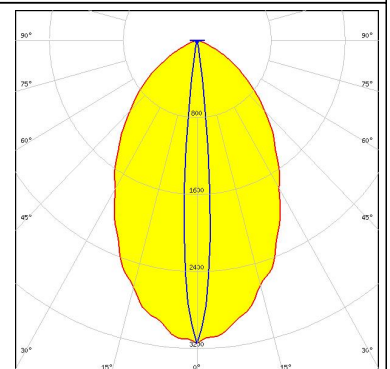
LED LUXEON H50-2
 FWHM 9.5 + 64.0°
 Efficiency 92 %
 Peak intensity 3.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON V
 FWHM 12.0 + 79.0°
 Efficiency 93 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



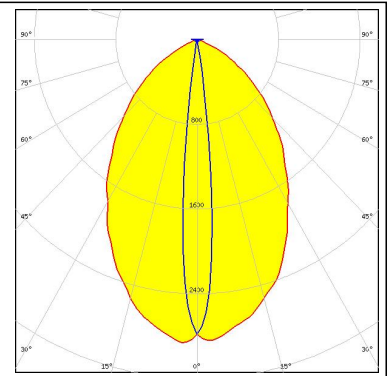
PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED NVSW219D FWHM 85.0 + 12.0° Efficiency 94 % Peak intensity 2.680 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW3x9A FWHM 95.0 + 12.0° Efficiency 94 % Peak intensity 2.260 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 7070 FWHM 84.0 + 18.0° Efficiency 93 % Peak intensity 1.800 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351B FWHM 68.0 + 10.0° Efficiency 94 % Peak intensity 3.200 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351C
FWHM 74.0 + 11.0°
Efficiency 94 %
Peak intensity 2.900 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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Shipping locations

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Hong Kong, China

Distribution Partners

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