

## FLARE-MAXI

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

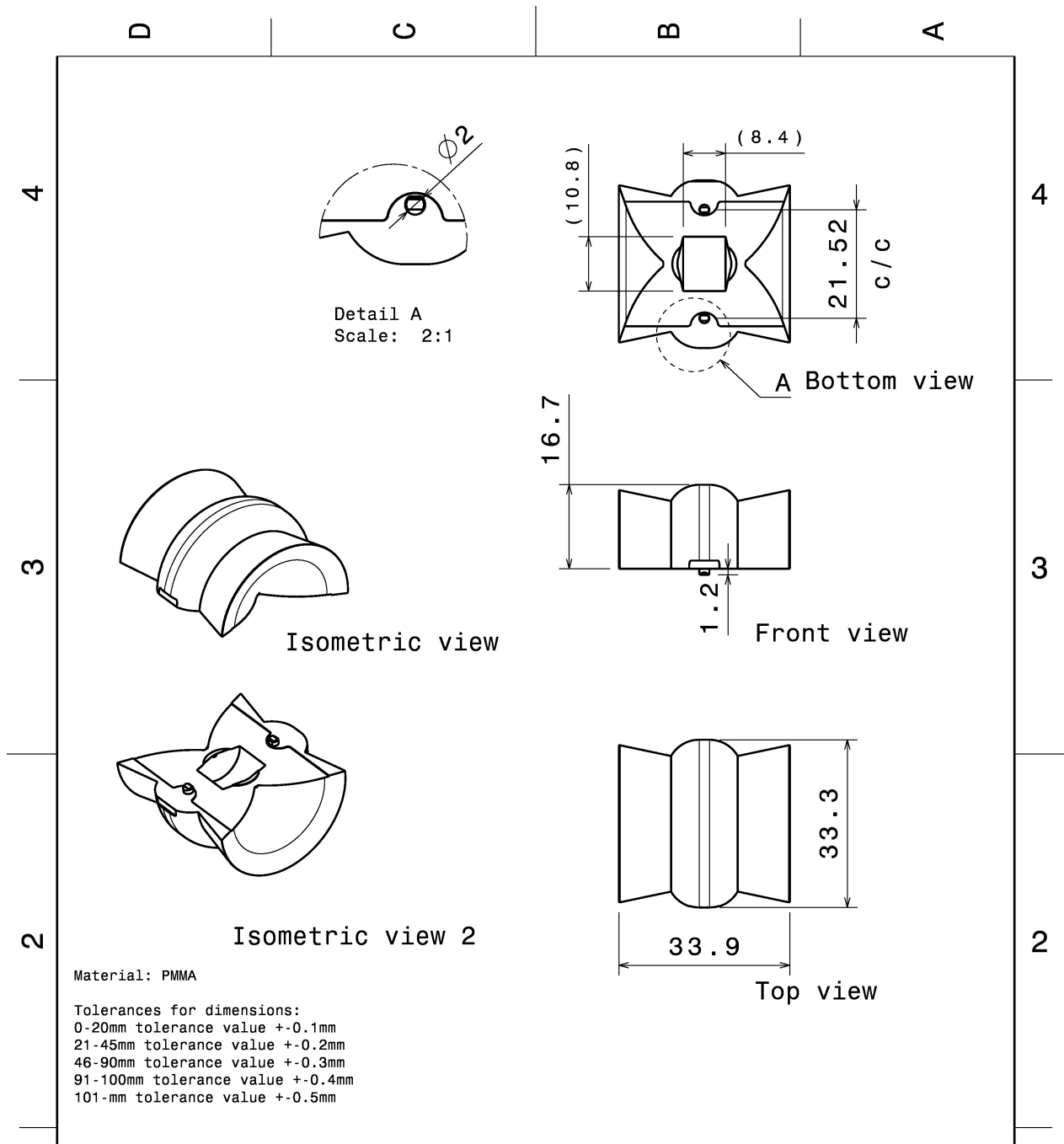
### TECHNICAL SPECIFICATIONS:

Dimensions	33.9 x 33.3 mm
Height	16.7 mm
Fastening	glue, pin
Colour	clear
Box size	
Box weight	9.5 kg
Quantity in Box	840 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
FLARE-MAXI	Lens	PMMA	clear

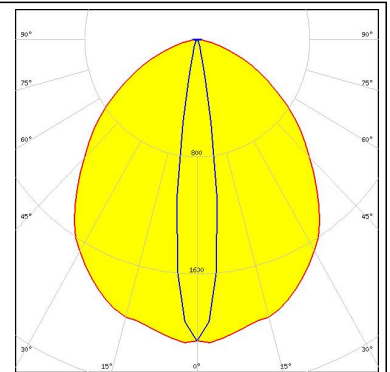


This drawing is our property. It can't be reproduced or communicated without our written agreement.				LediL Oy Salorankatu 10 FIN 24240 SALO Finland	
<b>DRAWING TITLE</b>					
DRAWN BY pv		DATE 18.4.2012		<b>Datasheet FLARE-MAXI Lens</b>	
CHECKED BY sn		DATE 17.4.2012		SIZE <b>A4</b>	
DESIGNED BY hh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

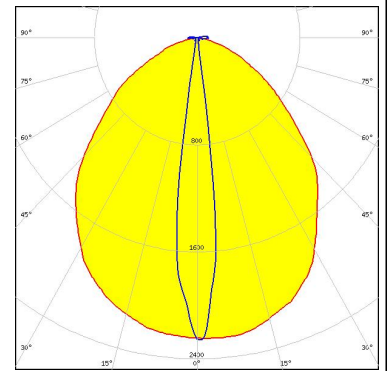
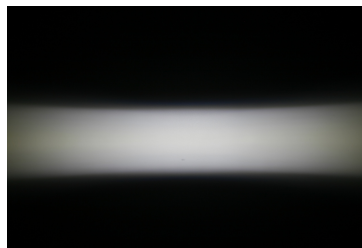
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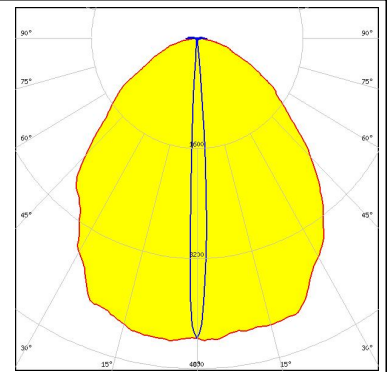
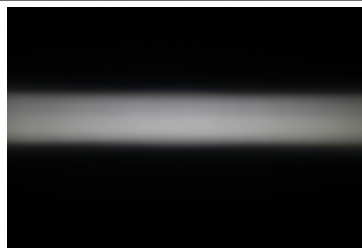
LED XM-L  
 FWHM 96.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 2.100 cd/lm  
 Required components:



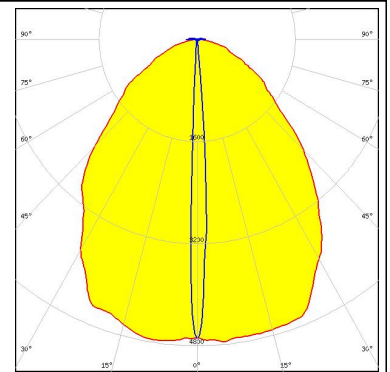
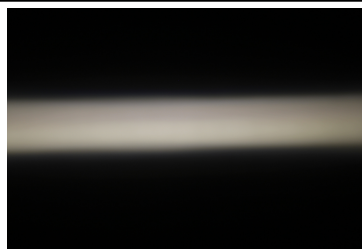
LED XM-L2  
 FWHM 95.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 2.300 cd/lm  
 Required components:



LED XP-E  
 FWHM 94.0 + 6.0°  
 Efficiency 94 %  
 Peak intensity 4.400 cd/lm  
 Required components:



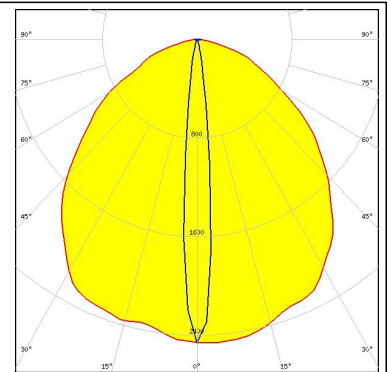
LED XP-E2  
 FWHM 91.0 + 6.0°  
 Efficiency 94 %  
 Peak intensity 4.800 cd/lm  
 Required components:



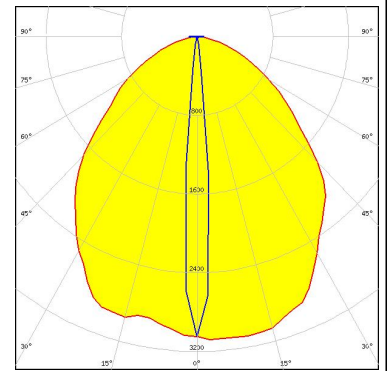
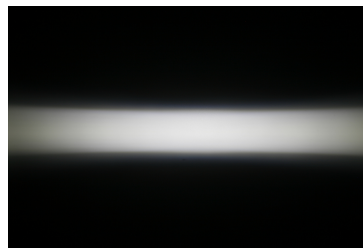
#### PHOTOMETRIC DATA (MEASURED):



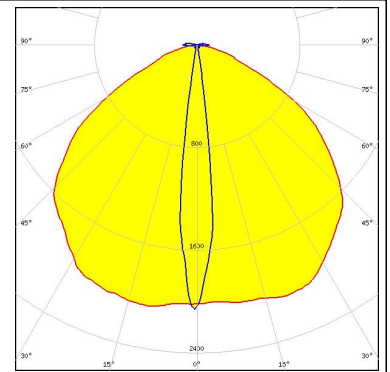
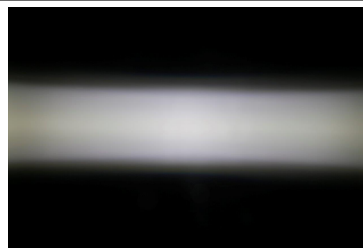
LED XP-G  
 FWHM 105.0 + 11.0°  
 Efficiency 94 %  
 Peak intensity 2.500 cd/lm  
 Required components:



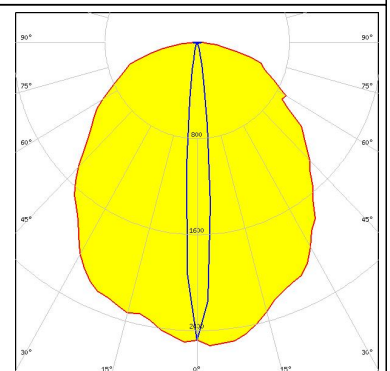
LED XP-G2  
 FWHM 96.0 + 10.0°  
 Efficiency 94 %  
 Peak intensity 3.100 cd/lm  
 Required components:



LED XP-L  
 FWHM 115.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 2.110 cd/lm  
 Required components:



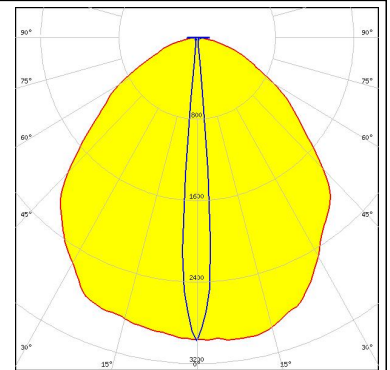
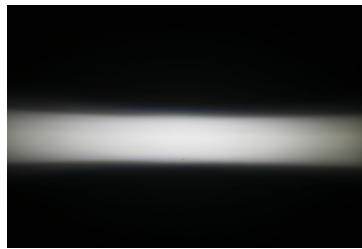
LED XT-E  
 FWHM 96.0 + 10.0°  
 Efficiency 94 %  
 Peak intensity 2.500 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

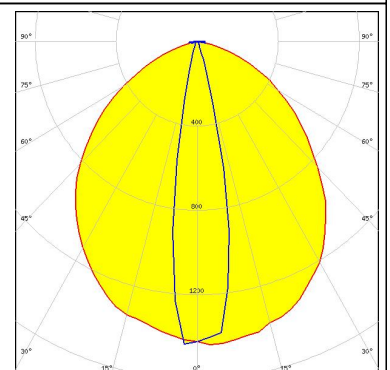
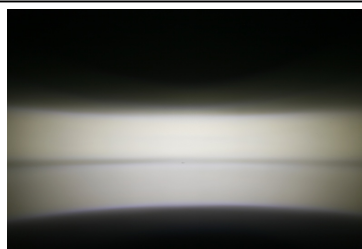
##### LG Innotek

LED H35C1 (LEMWA33)  
 FWHM 99.0 + 10.0°  
 Efficiency 94 %  
 Peak intensity 3.000 cd/lm  
 Required components:



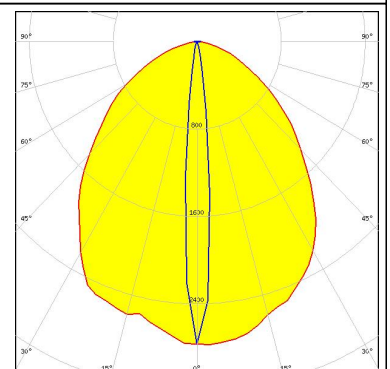
##### LUMILEDS

LED LUXEON M/MX  
 FWHM 100.0 + 23.0°  
 Efficiency 94 %  
 Peak intensity 1.400 cd/lm  
 Required components:



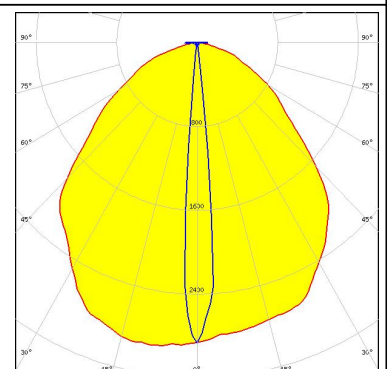
##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 91.0 + 10.0°  
 Efficiency 94 %  
 Peak intensity 2.800 cd/lm  
 Required components:



##### LUMILEDS

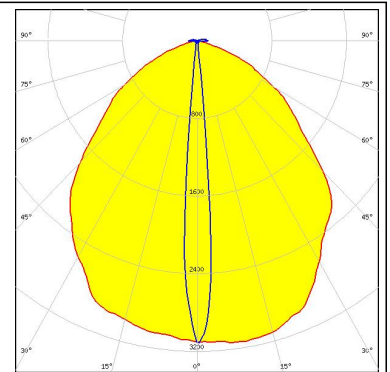
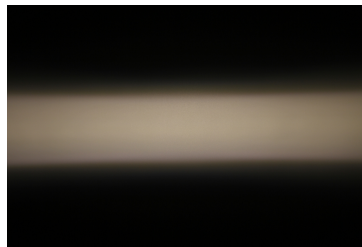
LED LUXEON T  
 FWHM 96.0 + 10.0°  
 Efficiency 92 %  
 Peak intensity 2.900 cd/lm  
 Required components:



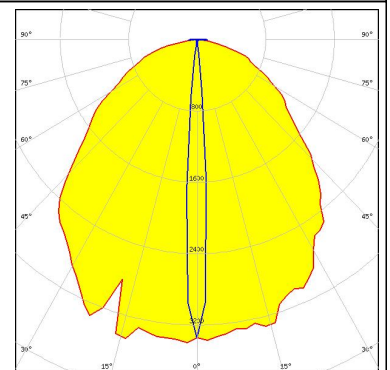
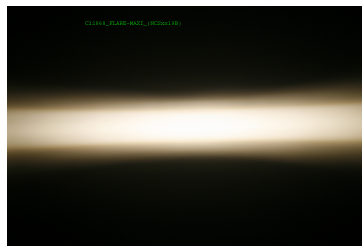
#### PHOTOMETRIC DATA (MEASURED):



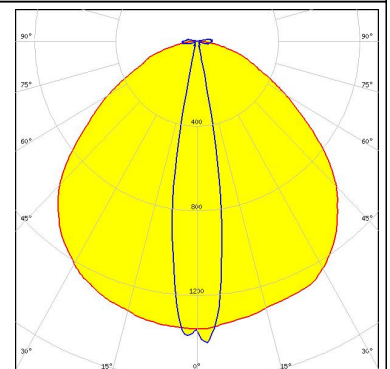
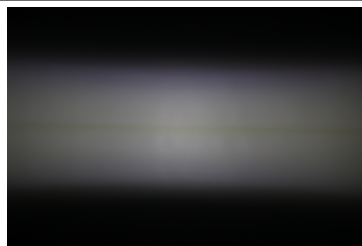
LED LUXEON TX  
 FWHM 96.0 + 9.0°  
 Efficiency 94 %  
 Peak intensity 3.180 cd/lm  
 Required components:



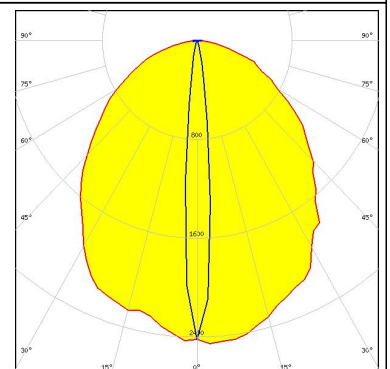
LED NCSxx19B  
 FWHM 98.0 + 9.0°  
 Efficiency 94 %  
 Peak intensity 3.500 cd/lm  
 Required components:



LED NV4x144A  
 FWHM 108.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 1.400 cd/lm  
 Required components:



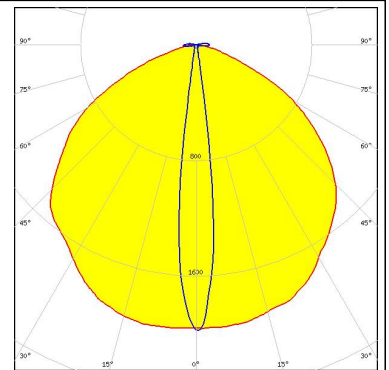
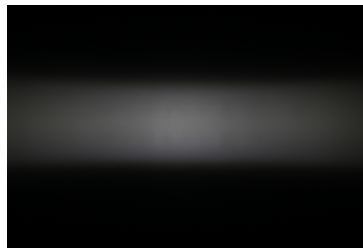
LED NVSxx19B/NVSxx19C  
 FWHM 98.0 + 11.0°  
 Efficiency 94 %  
 Peak intensity 2.400 cd/lm  
 Required components:



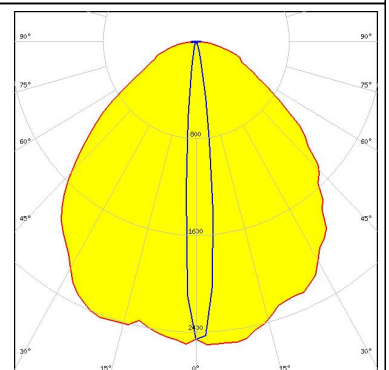
### PHOTOMETRIC DATA (MEASURED):



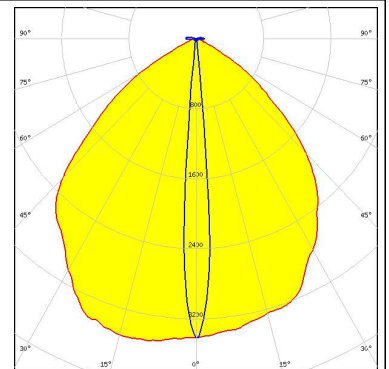
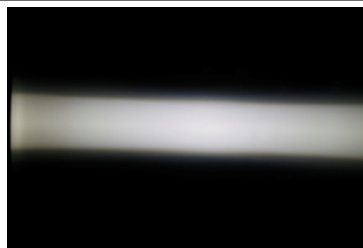
LED NWSx229A  
FWHM 122.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:



LED Oslon Square PC  
FWHM 98.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.500 cd/lm  
Required components:



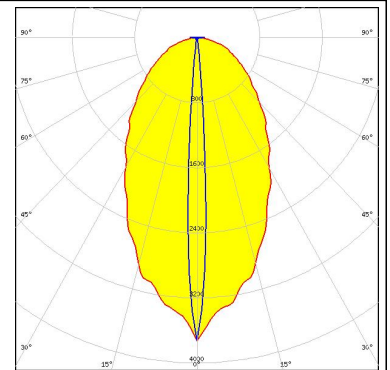
LED LH351Z  
FWHM 95.0 + 9.0°  
Efficiency 94 %  
Peak intensity 3.500 cd/lm  
Required components:



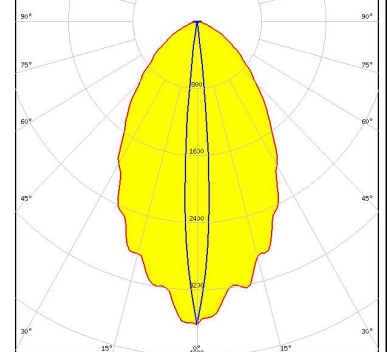
### PHOTOMETRIC DATA (SIMULATED):



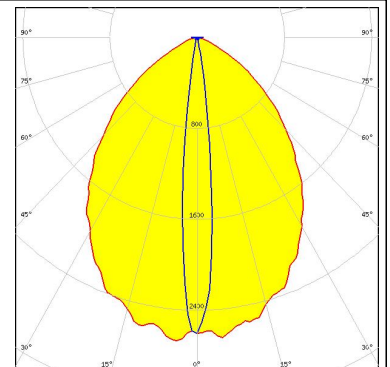
LED XD16  
FWHM 60.0 + 7.0°  
Efficiency 94 %  
Peak intensity 3.700 cd/lm  
Required components:



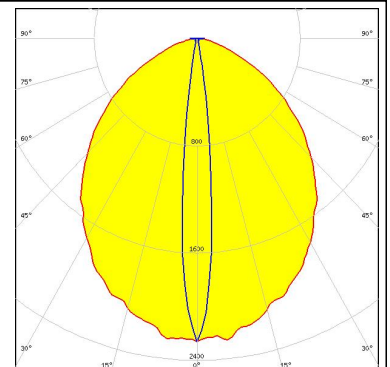
LED LUXEON H50-2  
FWHM 9.5 + 64.0°  
Efficiency 92 %  
Peak intensity 3.600 cd/lm  
Required components:



LED NVSW219D  
FWHM 85.0 + 12.0°  
Efficiency 94 %  
Peak intensity 2.680 cd/lm  
Required components:



LED NVSW3x9A  
FWHM 95.0 + 12.0°  
Efficiency 94 %  
Peak intensity 2.260 cd/lm  
Required components:

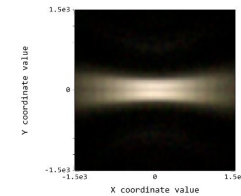




### PHOTOMETRIC DATA (SIMULATED):

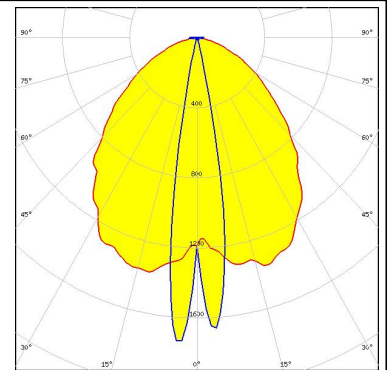
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 84.0 + 18.0°  
Efficiency 93 %  
Peak intensity 1.800 cd/lm  
Required components:



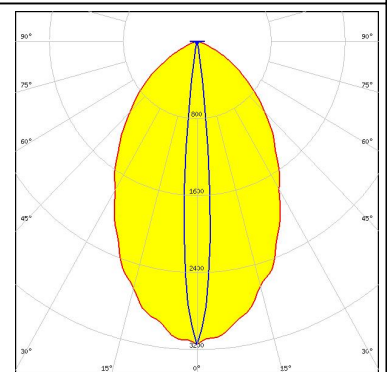
Detector range: illuminance  

 01-0-0000  
 Detector # = 000 Surface 1  
 Size: 0.000000 x 0.000000  
 Area: 0.000000  
 Total Power: 0.000000 Lumens  
 C12868\_FLARE-MAXI\_00000\_P0A.dcm  
 Configuration: 1 of 1



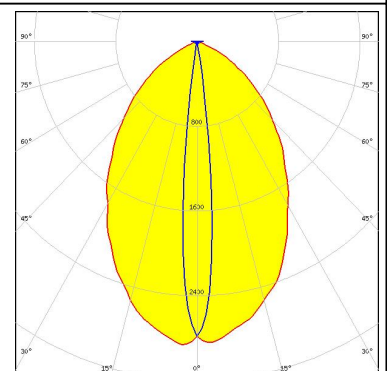
**SAMSUNG**

LED LH351B  
FWHM 68.0 + 10.0°  
Efficiency 94 %  
Peak intensity 3.200 cd/lm  
Required components:



**SAMSUNG**

LED LH351C  
FWHM 74.0 + 11.0°  
Efficiency 94 %  
Peak intensity 2.900 cd/lm  
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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#### Local sales and technical support

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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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