

## FLARE-MAXI-D

34 x 33 mm lens with ~110° x 15° diffused oval beam

### TECHNICAL SPECIFICATIONS:

Dimensions	33.9 x 33.3 mm
Height	16.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

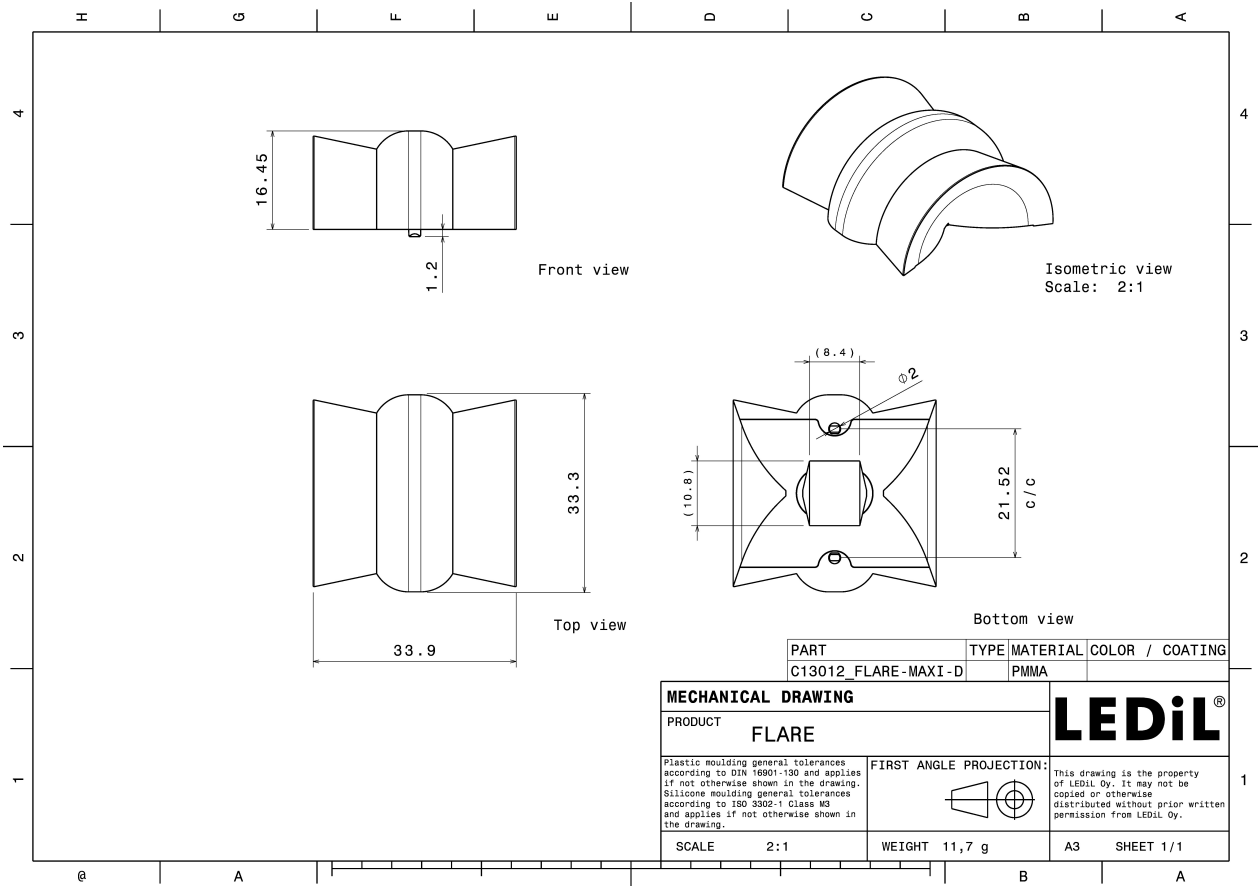


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13012_FLARE-MAXI-D » Box size: 451 x 254 x 197 mm	840		168	9.7

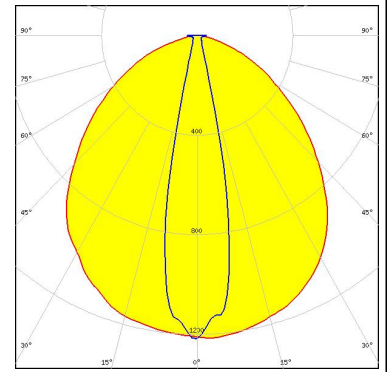


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

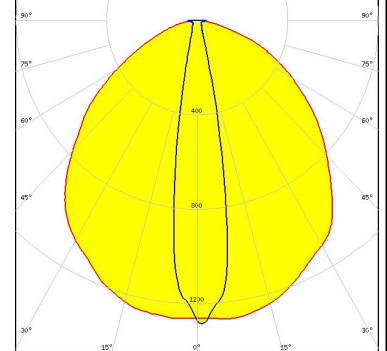
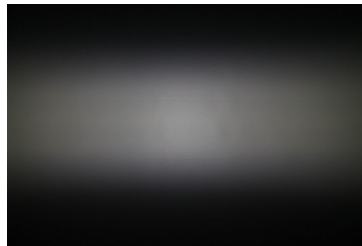
#### CREE

LED MK-R  
 FWHM 100.0 + 23.0°  
 Efficiency 92 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



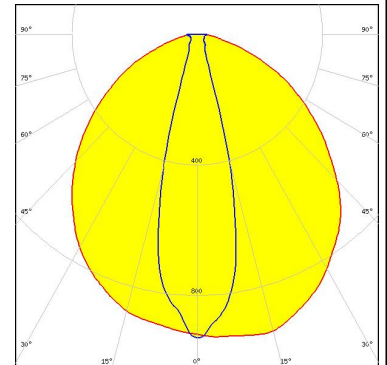
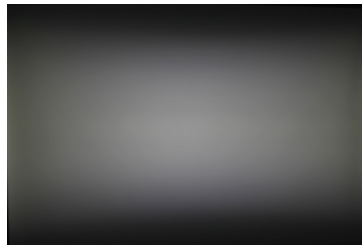
#### CREE

LED XHP50  
 FWHM 104.0 + 19.0°  
 Efficiency 92 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



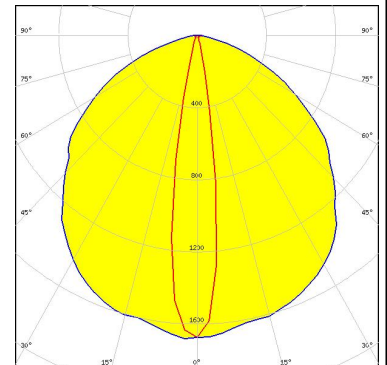
#### CREE

LED XHP70  
 FWHM 104.0 + 28.0°  
 Efficiency 92 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

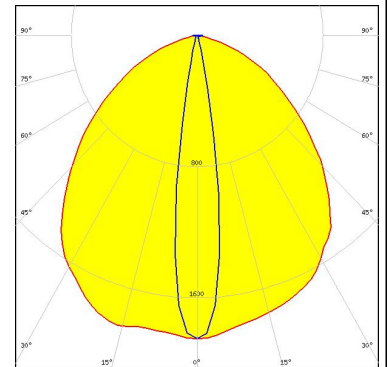
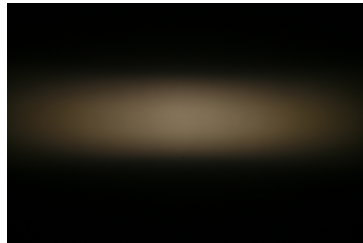
LED XM-L  
 FWHM 110.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

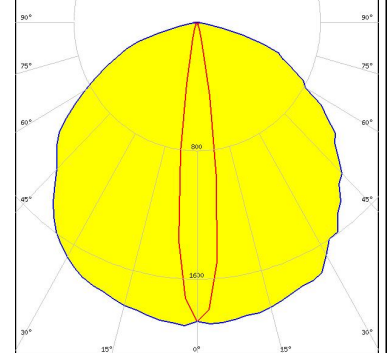
#### CREE

LED XM-L2  
 FWHM 101.0 + 17.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



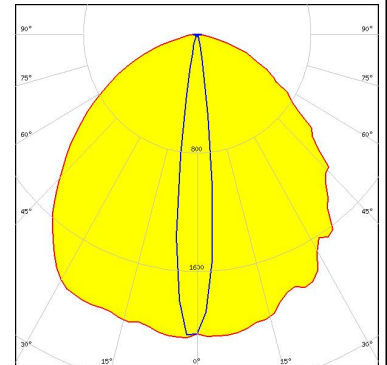
#### CREE

LED XP-G  
 FWHM 115.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



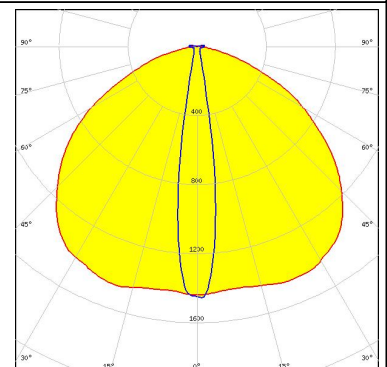
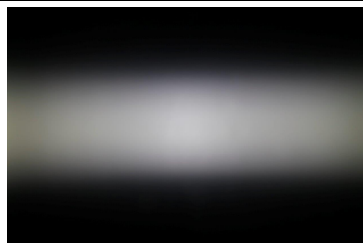
#### CREE

LED XP-G2  
 FWHM 106.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

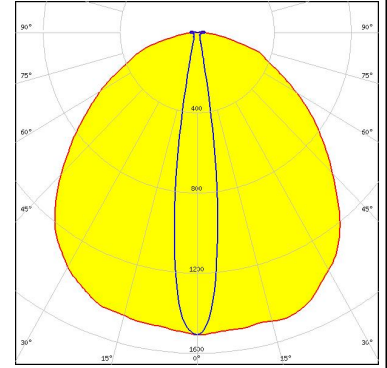
LED XP-L HD  
 FWHM 119.0 + 16.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



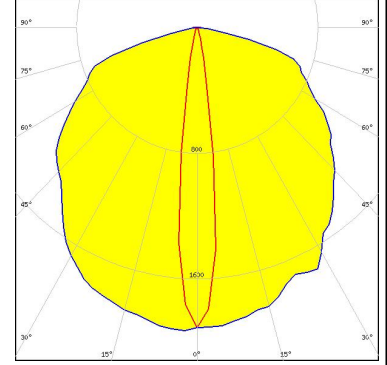
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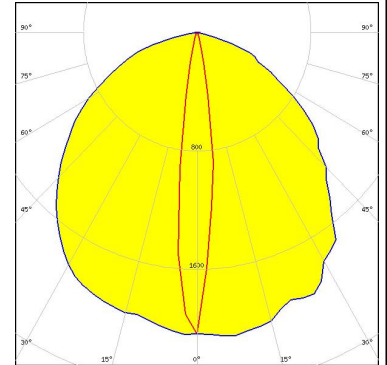
LED XP-L2  
 FWHM 107.0 + 16.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



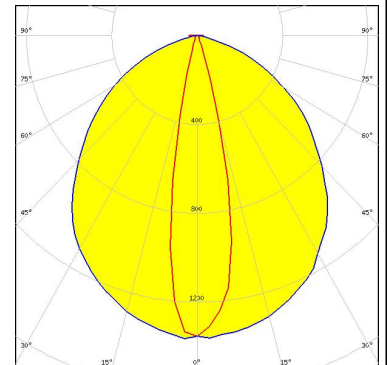
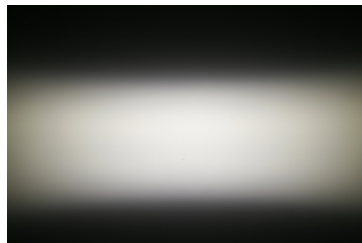
LED XT-E  
 FWHM 117.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




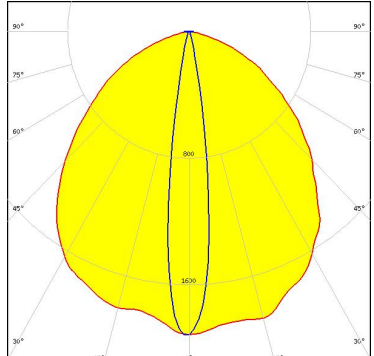
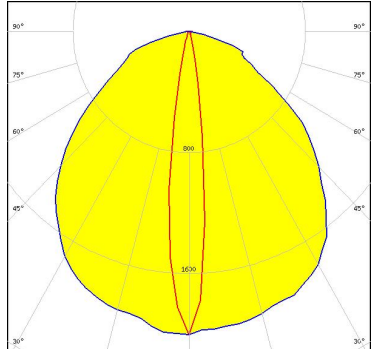
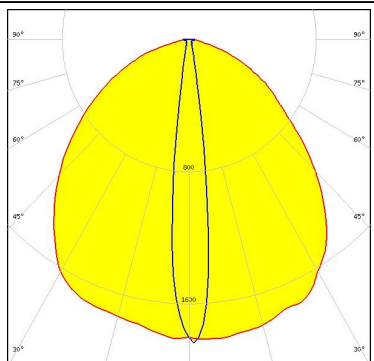
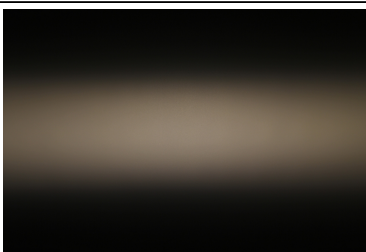
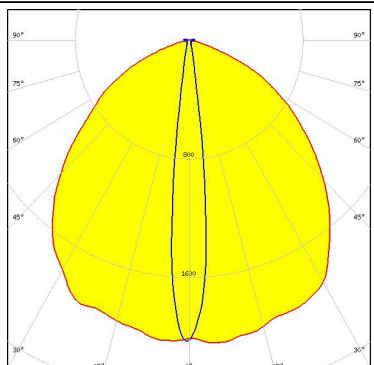
LED LUXEON A  
 FWHM 104.0 + 12.0°  
 Efficiency 94 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




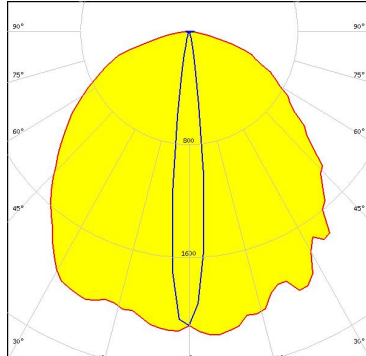

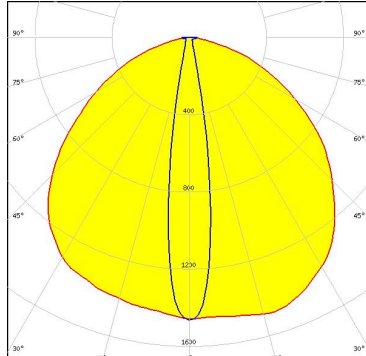

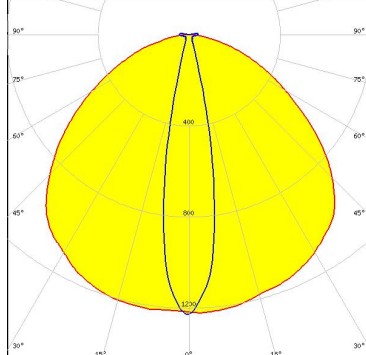
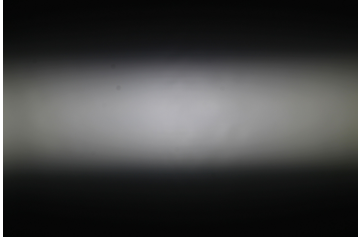
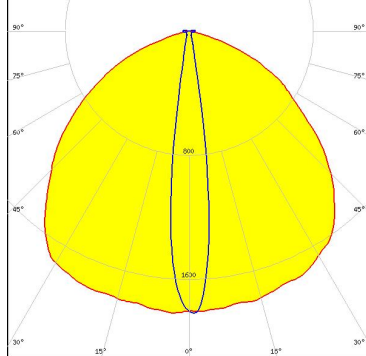
LED LUXEON M/MX  
 FWHM 102.0 + 25.0°  
 Efficiency 94 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON MZ                      FWHM 101.0 + 16.0°                      Efficiency 94 %                      Peak intensity 1.9 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON Rebel ES                      FWHM 104.0 + 13.0°                      Efficiency 94 %                      Peak intensity 2 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON T                      FWHM 102.0 + 13.0°                      Efficiency 92 %                      Peak intensity 1.8 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON TX                      FWHM 103.0 + 13.0°                      Efficiency 93 %                      Peak intensity 2.1 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		

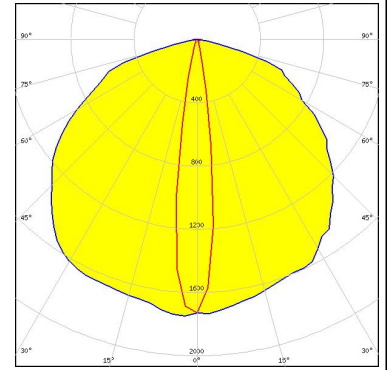
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxx19B                      FWHM 107.0 + 13.0°                      Efficiency 94 %                      Peak intensity 2.1 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NS9x383                      FWHM 110.0 + 16.0°                      Efficiency 93 %                      Peak intensity 1.5 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NV4x144A                      FWHM 111.0 + 20.0°                      Efficiency 89 %                      Peak intensity 0.6 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW219F                      FWHM 109.0 + 14.0°                      Efficiency 94 %                      Peak intensity 1.9 cd/lm                      LEDs/each optic 1                      Light colour White                      Required components:</p>		

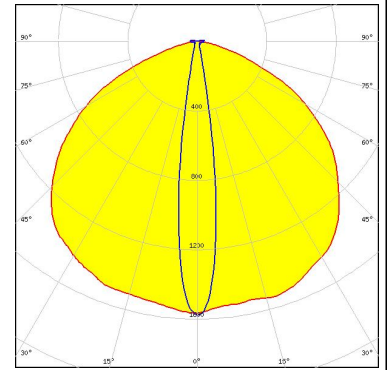
#### PHOTOMETRIC DATA (MEASURED):



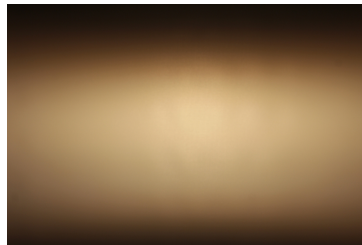
LED NVSxx19B/NVSxx19C  
 FWHM 116.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



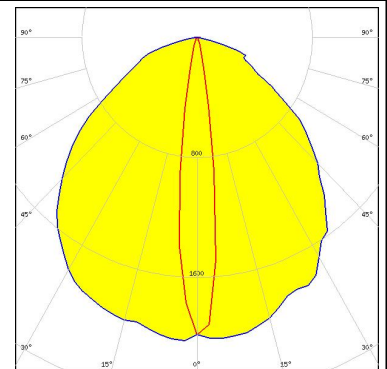
LED NWSx229A  
 FWHM 117.0 + 15.0°  
 Efficiency 92 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Duris S10  
 FWHM 92.0 + 20.0°  
 Efficiency 93 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON Square EC  
 FWHM 99.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



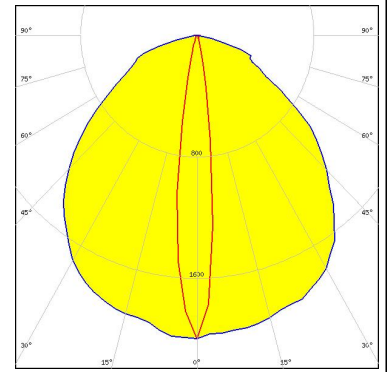


#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

Opto Semiconductors

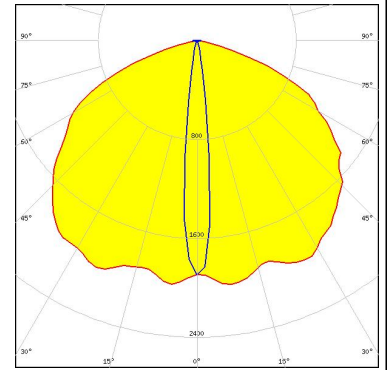
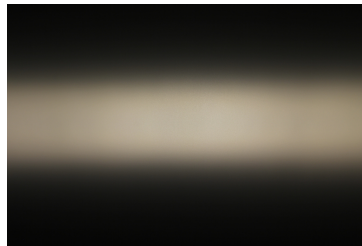
LED OSLOM Square PC  
 FWHM 104.0 + 12.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

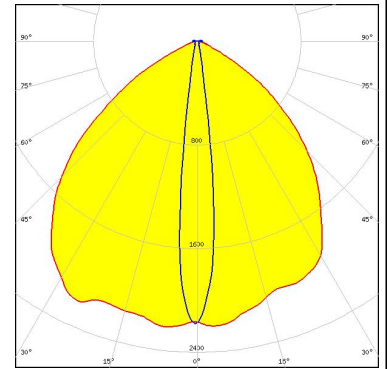
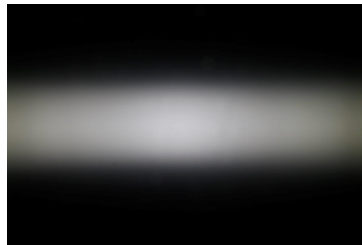
Opto Semiconductors

LED OSLOM SSL 150  
 FWHM 128.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



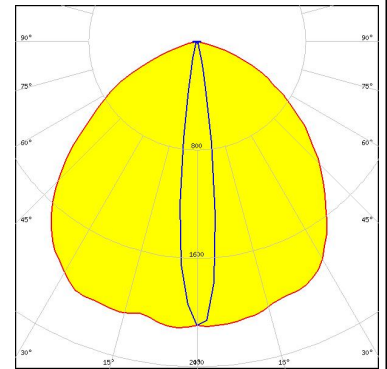
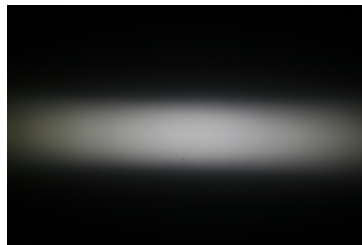
#### SAMSUNG

LED LH351Z  
 FWHM 98.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM 104.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



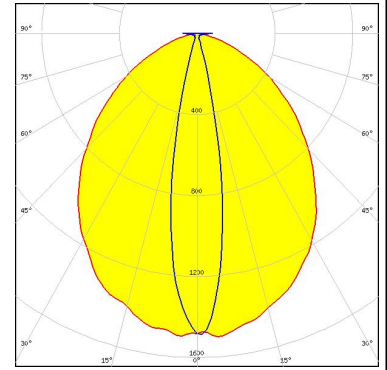
#### PHOTOMETRIC DATA (MEASURED):



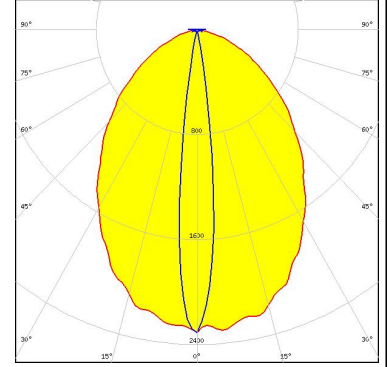
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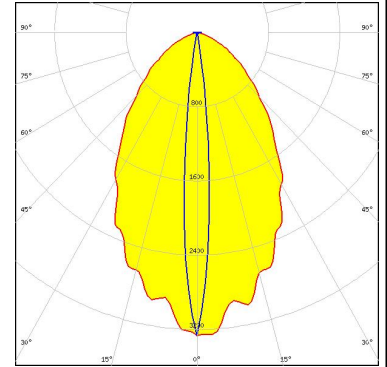
LED XHP50.2  
 FWHM 92.0 + 20.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



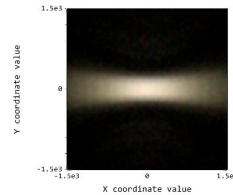
LED XP-G2 HE  
 FWHM 84.0 + 13.0°  
 Efficiency 95 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



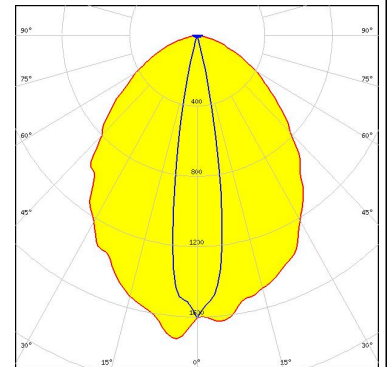
LED LUXEON H50-2  
 FWHM 10.0 + 65.0°  
 Efficiency 92 %  
 Peak intensity 3.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSCONIQ P 7070  
 FWHM 86.0 + 18.0°  
 Efficiency 92 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



Detector image: Illuminance  
 OSRAM  
 Date: 13/09/2019 10:00:00  
 File: C:\Users\neumu\Documents\LEDiL\OSRAM\OSCONIQ\_P\_7070\OSCONIQ\_P\_7070\_130919\_100000.LUMI  
 Total Power: 0.0376490 Lumens  
 C13012\_FLARE-MAXI-D\_000121\_130919\_100000  
 Configuration: 1 of 1



### 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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Shenzhen 518057  
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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