

## FLARE-MAXI-D

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

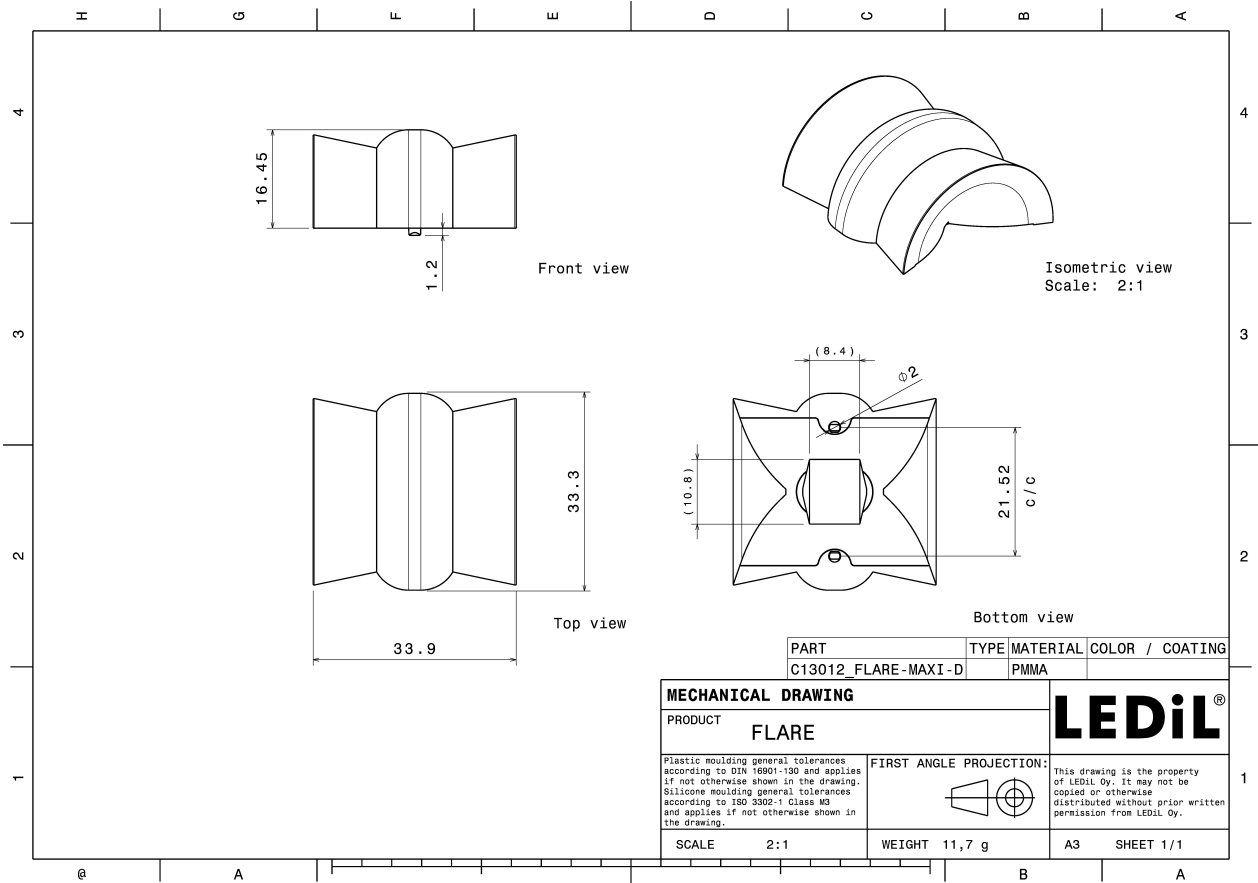
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | 33.9 + 33.3 mm     |
| Height          | 16.5 mm            |
| Fastening       | glue, pin          |
| Colour          | clear              |
| Box size        | 451 x 254 x 197 mm |
| Box weight      | 9.7 kg             |
| Quantity in Box | 840 pcs            |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

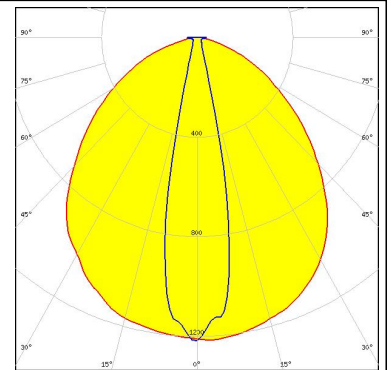
| Component    | Type | Material | Colour |
|--------------|------|----------|--------|
| FLARE-MAXI-D | Lens | PMMA     | clear  |



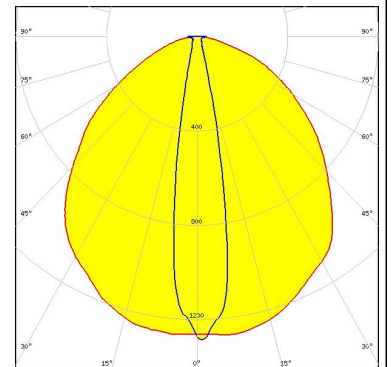
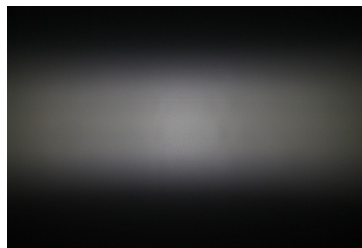
### PHOTOMETRIC DATA (MEASURED):



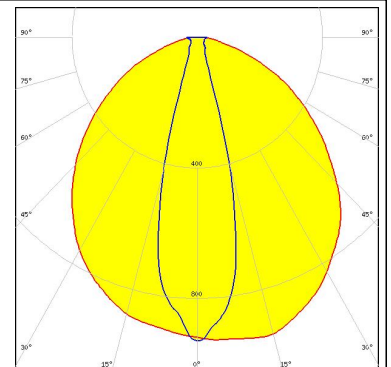
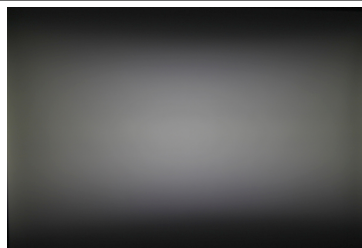
LED MK-R  
 FWHM 100.0 + 23.0°  
 Efficiency 92 %  
 Peak intensity 1.200 cd/lm  
 Required components:



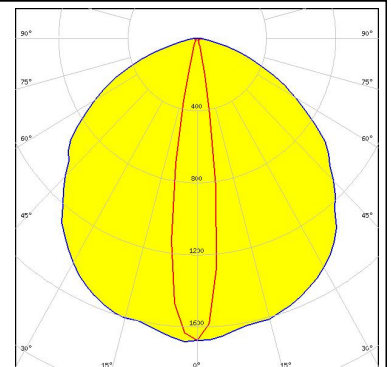
LED XHP50  
 FWHM 104.0 + 19.0°  
 Efficiency 92 %  
 Peak intensity 1.300 cd/lm  
 Required components:



LED XHP70  
 FWHM 104.0 + 28.0°  
 Efficiency 92 %  
 Peak intensity 0.940 cd/lm  
 Required components:



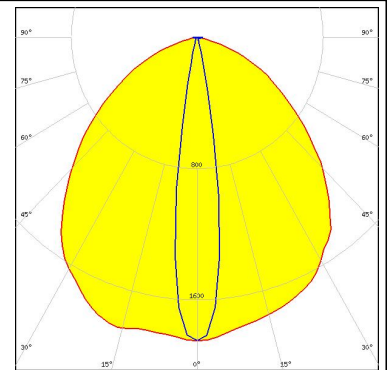
LED XM-L  
 FWHM 110.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 1.700 cd/lm  
 Required components:



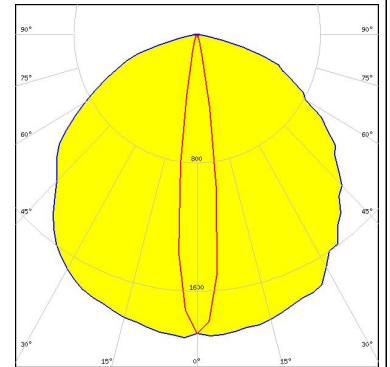
### PHOTOMETRIC DATA (MEASURED):



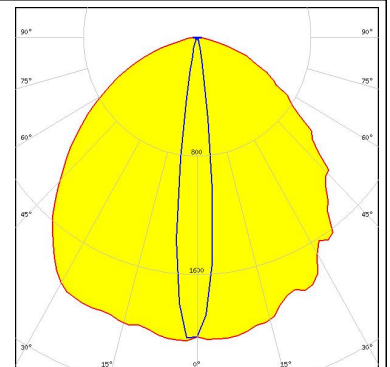
LED XM-L2  
 FWHM 101.0 + 17.0°  
 Efficiency 94 %  
 Peak intensity 1.900 cd/lm  
 Required components:



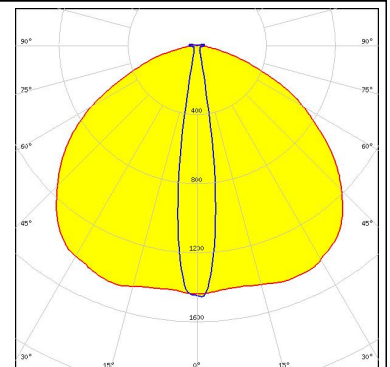
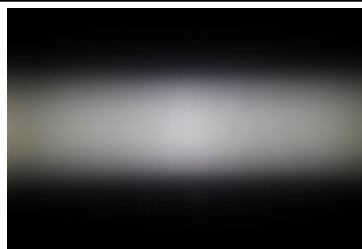
LED XP-G  
 FWHM 115.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 1.900 cd/lm  
 Required components:



LED XP-G2  
 FWHM 106.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 2.000 cd/lm  
 Required components:



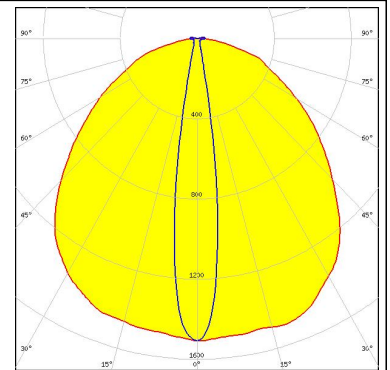
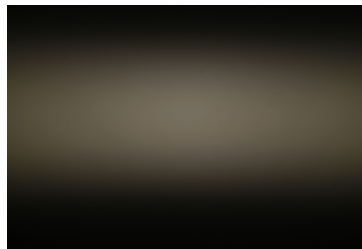
LED XP-L  
 FWHM 119.0 + 16.0°  
 Efficiency 94 %  
 Peak intensity 1.480 cd/lm  
 Required components:



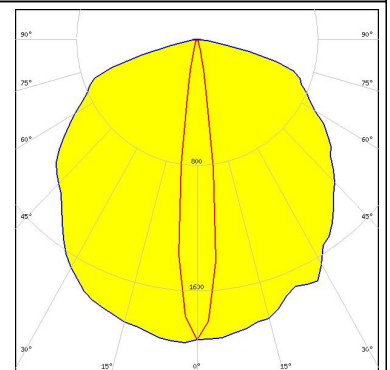
#### PHOTOMETRIC DATA (MEASURED):



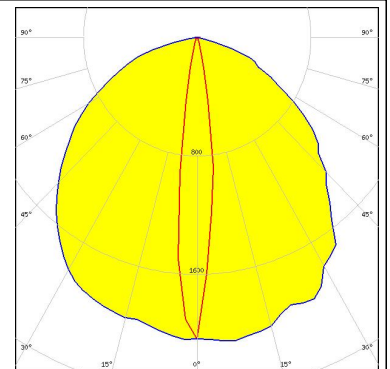
LED XP-L2  
 FWHM 107.0 + 16.0°  
 Efficiency 94 %  
 Peak intensity 1.500 cd/lm  
 Required components:



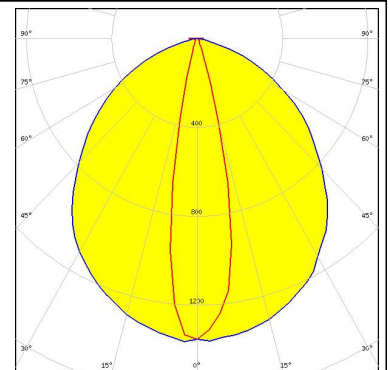
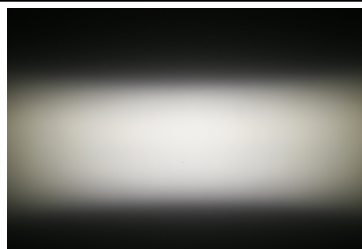
LED XT-E  
 FWHM 117.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 1.900 cd/lm  
 Required components:



LED LUXEON A  
 FWHM 104.0 + 12.0°  
 Efficiency 94 %  
 Peak intensity 2.100 cd/lm  
 Required components:



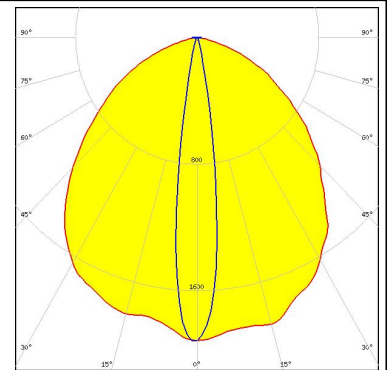
LED LUXEON M/MX  
 FWHM 102.0 + 25.0°  
 Efficiency 94 %  
 Peak intensity 1.400 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

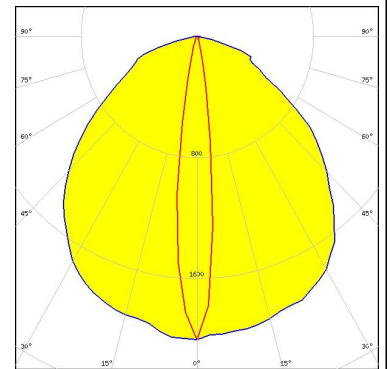
#### LUMILEDS

LED LUXEON MZ  
FWHM 101.0 + 16.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:



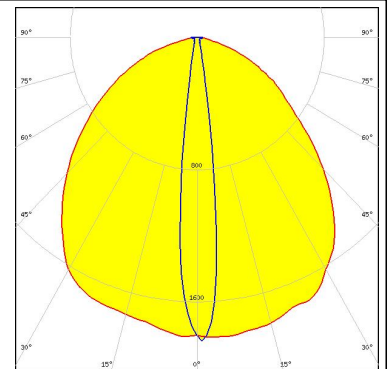
#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 104.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:



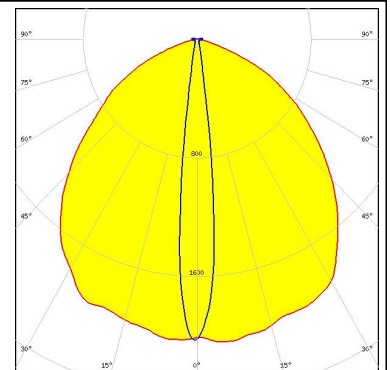
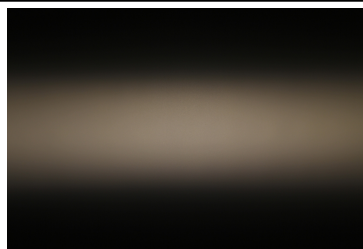
#### LUMILEDS

LED LUXEON T  
FWHM 102.0 + 13.0°  
Efficiency 92 %  
Peak intensity 1.800 cd/lm  
Required components:



#### LUMILEDS

LED LUXEON TX  
FWHM 103.0 + 13.0°  
Efficiency 93 %  
Peak intensity 2.060 cd/lm  
Required components:

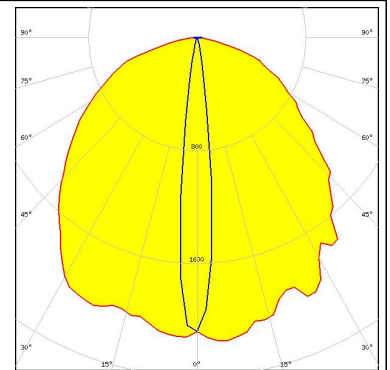




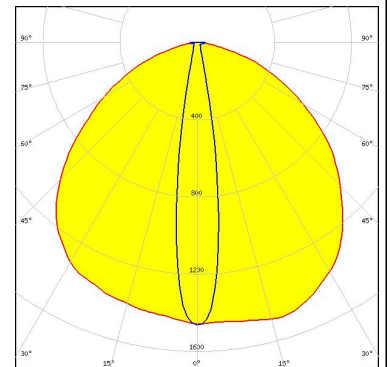
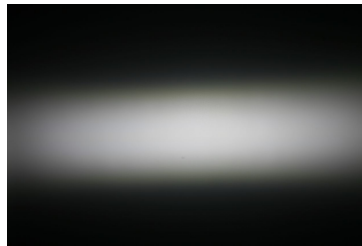
#### PHOTOMETRIC DATA (MEASURED):



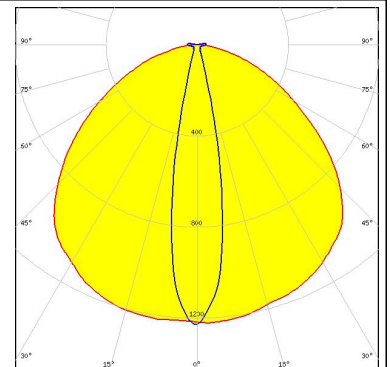
LED NCSxx19B  
 FWHM 107.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 2.100 cd/lm  
 Required components:



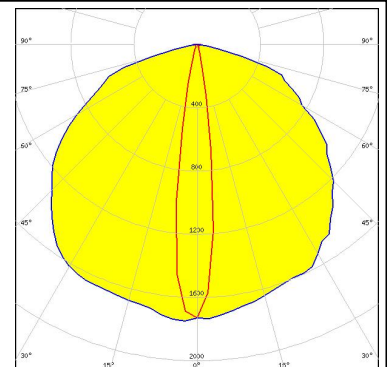
LED NS9x383  
 FWHM 110.0 + 16.0°  
 Efficiency 93 %  
 Peak intensity 1.500 cd/lm  
 Required components:



LED NV4x144A  
 FWHM 111.0 + 20.0°  
 Efficiency 89 %  
 Peak intensity 0.600 cd/lm  
 Required components:



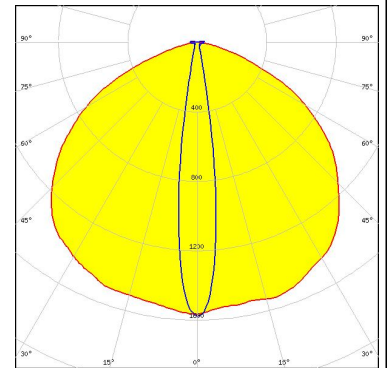
LED NVSxx19B/NVSxx19C  
 FWHM 116.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 1.700 cd/lm  
 Required components:



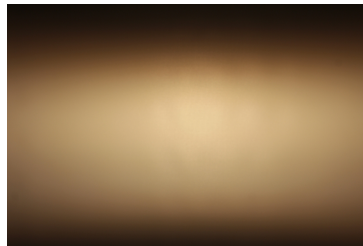
### PHOTOMETRIC DATA (MEASURED):



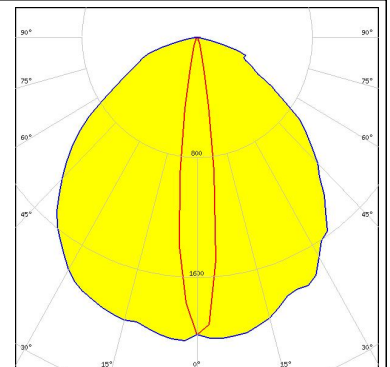
LED NWSx229A  
FWHM 117.0 + 15.0°  
Efficiency 92 %  
Peak intensity 1.600 cd/lm  
Required components:



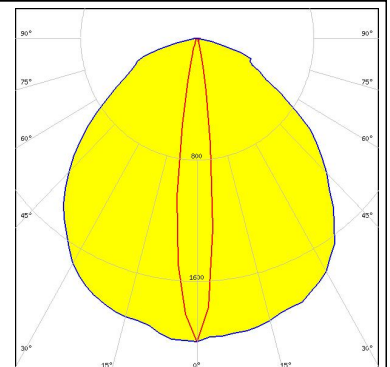
LED Duris S10  
FWHM 92.0 + 20.0°  
Efficiency 93 %  
Peak intensity 1.600 cd/lm  
Required components:



LED Oslon Square EC  
FWHM 99.0 + 14.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:



LED Oslon Square PC  
FWHM 104.0 + 12.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:

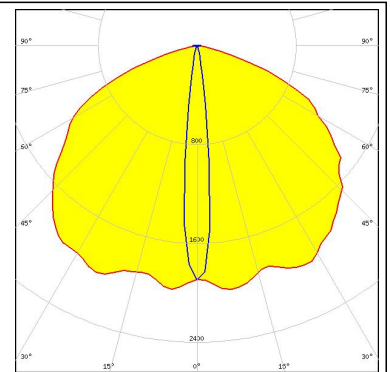
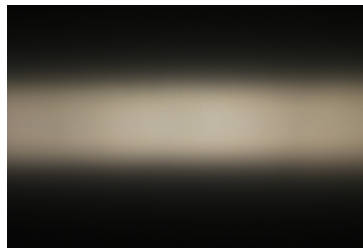




#### PHOTOMETRIC DATA (MEASURED):

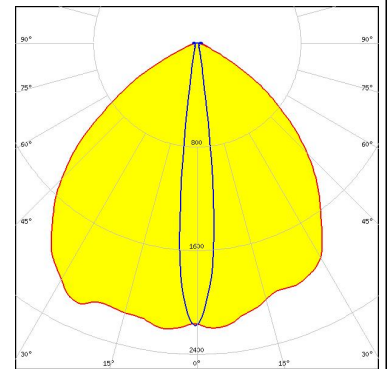
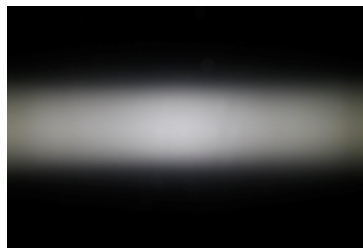
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 128.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:



**SAMSUNG**

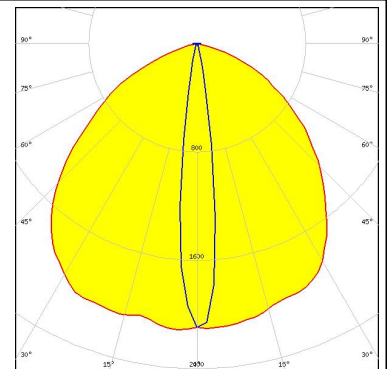
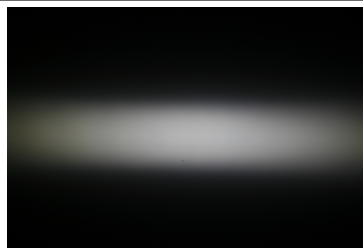
LED LH351Z  
FWHM 98.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.200 cd/lm  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

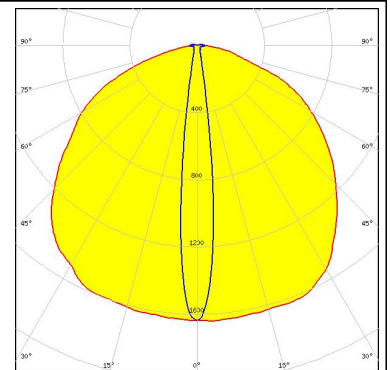
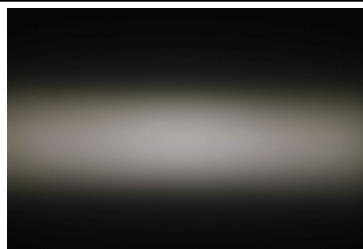
LED Z5M1/Z5M2  
FWHM 104.0 + 14.0°  
Efficiency 94 %  
Peak intensity 2.100 cd/lm  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

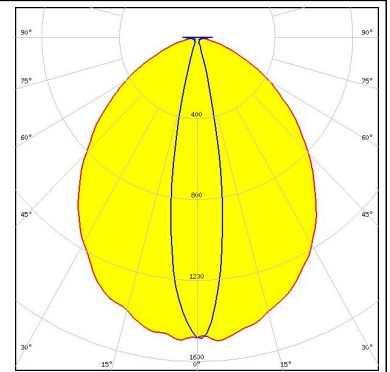
LED Z8Y22P  
FWHM 117.0 + 13.0°  
Efficiency 94 %  
Peak intensity 1.600 cd/lm  
Required components:



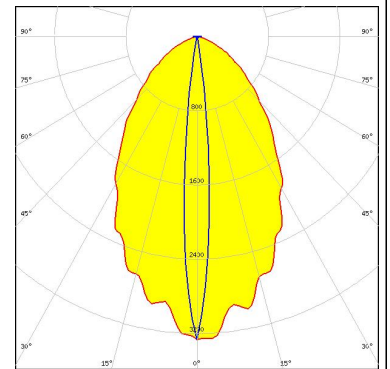
### PHOTOMETRIC DATA (SIMULATED):



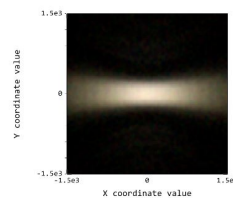
LED XHP50.2  
 FWHM 92.0 + 20.0°  
 Efficiency 94 %  
 Peak intensity 1.530 cd/lm  
 Required components:



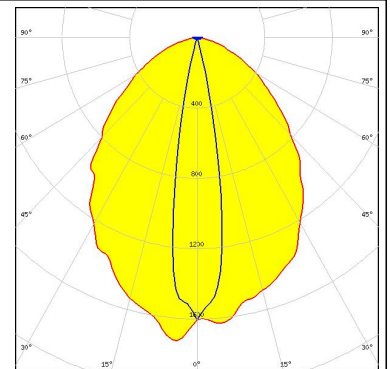
LED LUXEON H50-2  
 FWHM 10.0 + 65.0°  
 Efficiency 92 %  
 Peak intensity 3.300 cd/lm  
 Required components:



LED OSCONIQ P 7070  
 FWHM 86.0 + 18.0°  
 Efficiency 92 %  
 Peak intensity 1.740 cd/lm  
 Required components:



Detector image: Illuminance  
 01.01.2018  
 20:00:00 P. 0000 Surface 1  
 Size: 1000x1000 v.0.000000  
 Res. 1.000000  
 Res. 1.000000  
 Total Power: 0.000000 Lumens  
 C:\30812\_FLARE-PROD\_0\_000000\_PEAR.DAT  
 Configuration: 0 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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#### LEDiL Oy

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#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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