



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## FLARE-MAXI-D

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

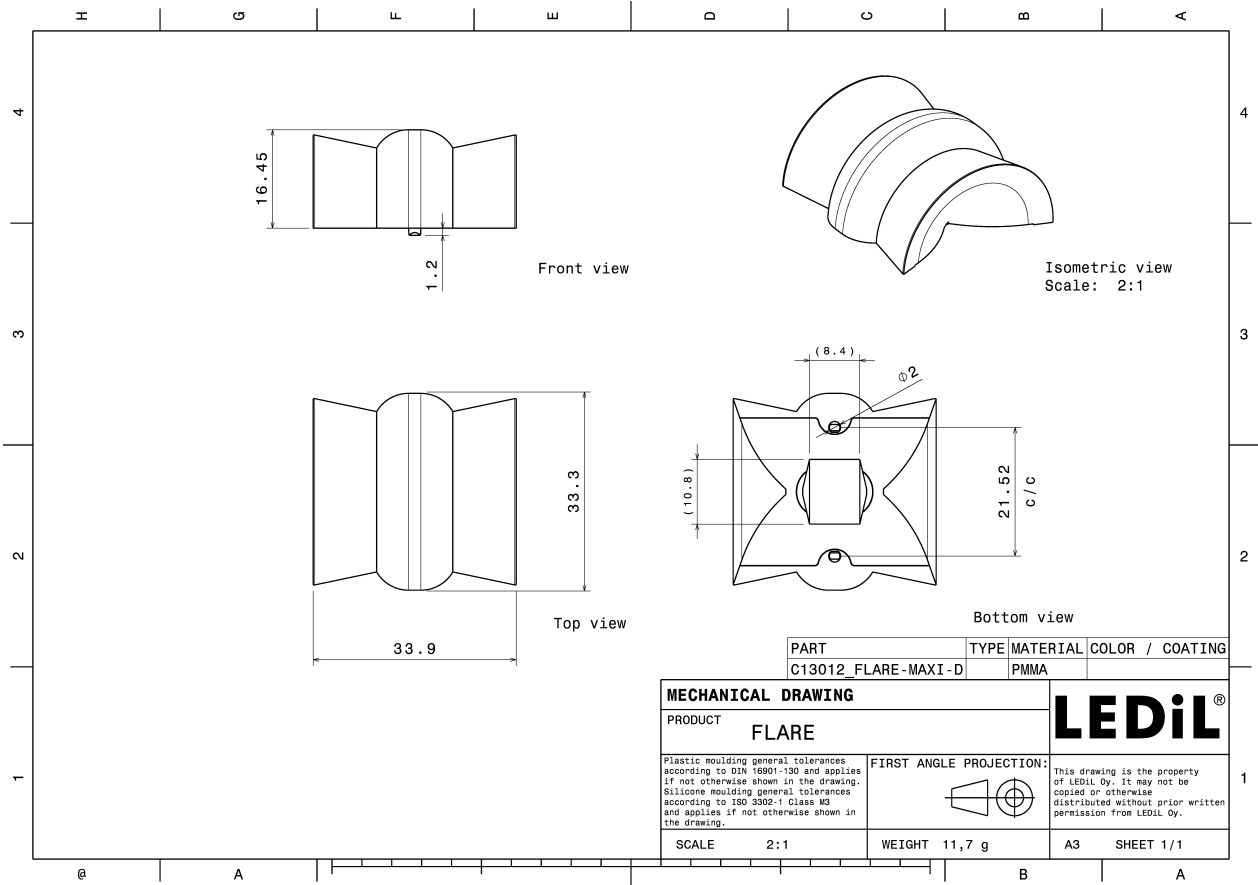
### TECHNICAL SPECIFICATIONS:

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

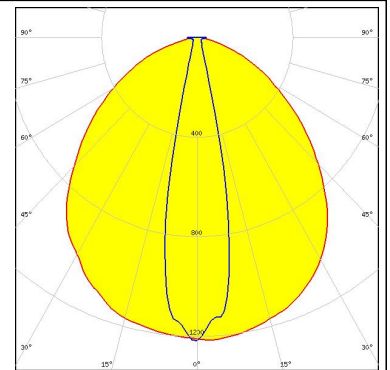




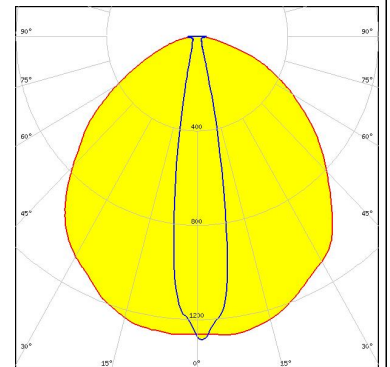
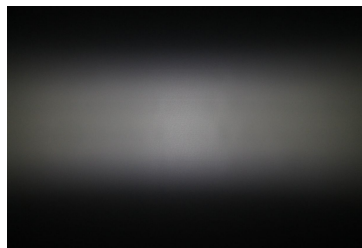
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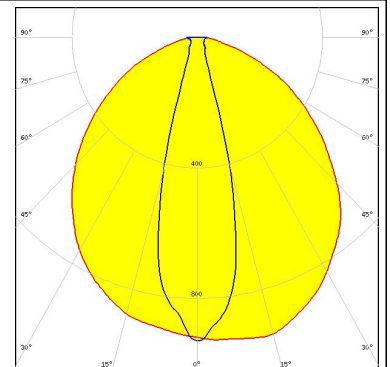
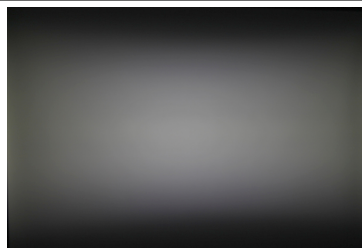
LED MK-R  
 FWHM 100.0 + 23.0°  
 Efficiency 92 %  
 Peak intensity 1.200 cd/lm  
 Required components:



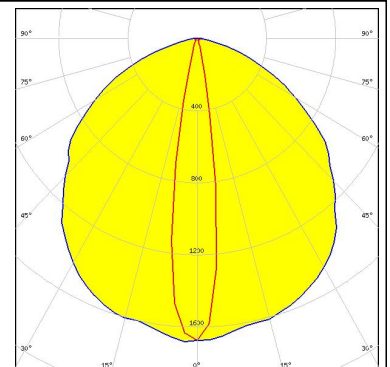
LED XHP50  
 FWHM 104.0 + 19.0°  
 Efficiency 92 %  
 Peak intensity 1.300 cd/lm  
 Required components:



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:

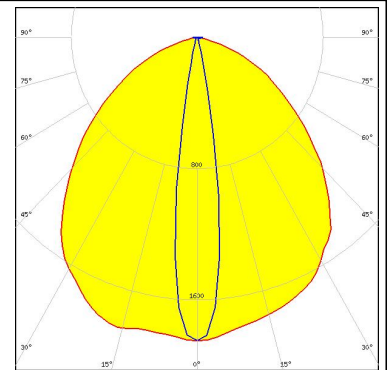




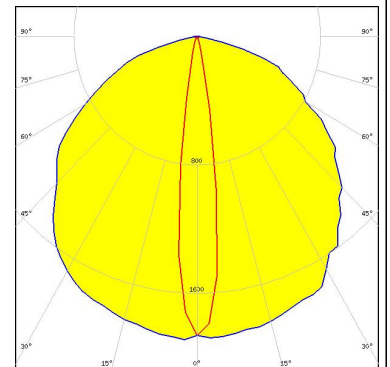
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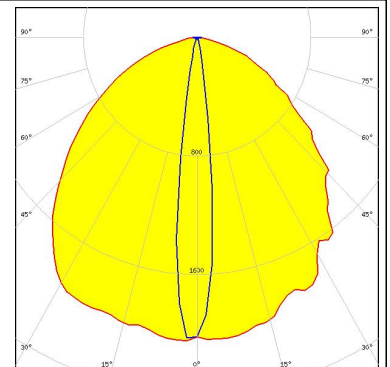
LED XM-L2  
 FWHM 101.0 + 17.0°  
 Efficiency 94 %  
 Peak intensity 1.900 cd/lm  
 Required components:



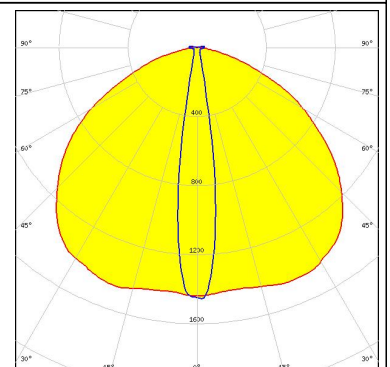
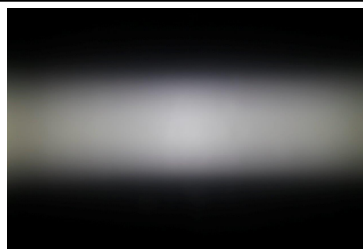
LED XP-G  
 FWHM 115.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 1.900 cd/lm  
 Required components:



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



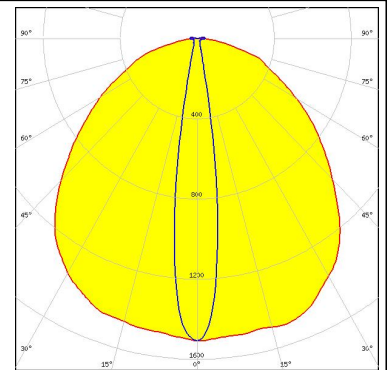
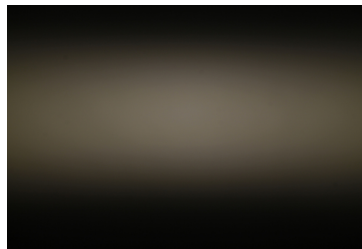
LED XP-L  
 FWHM 119.0 + 16.0°  
 Efficiency 94 %  
 Peak intensity 1.480 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

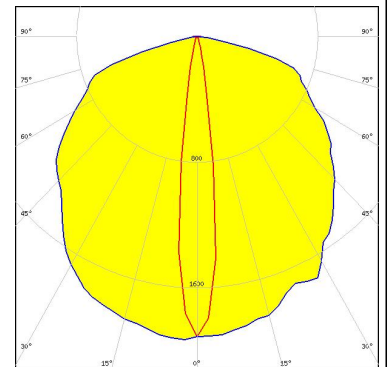
**CREE** 

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



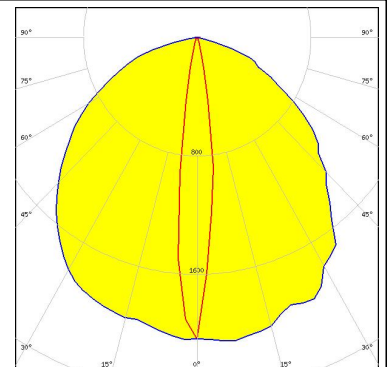
**CREE** 

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



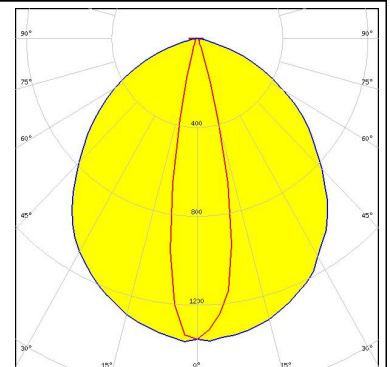
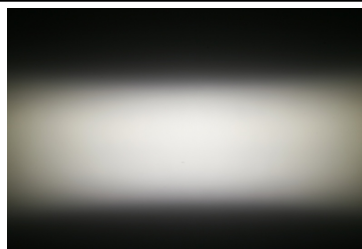
 **LUMILEDS**

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



 **LUMILEDS**

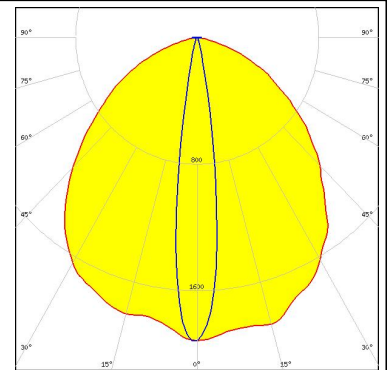
LED LUXEON M/MX  
 FWHM 102.0 + 25.0°  
 Efficiency 94 %  
 Peak intensity 1.400 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

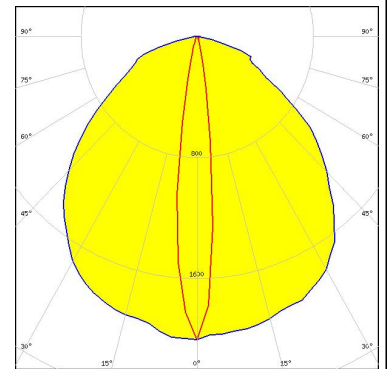
##### LUMILEDS

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



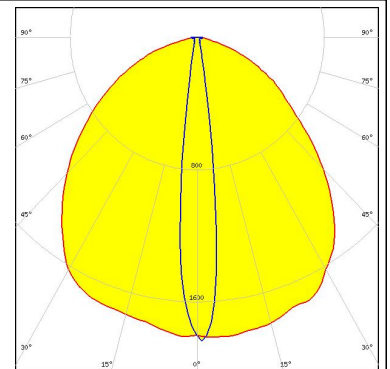
##### LUMILEDS

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



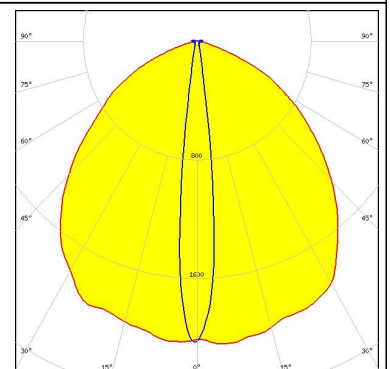
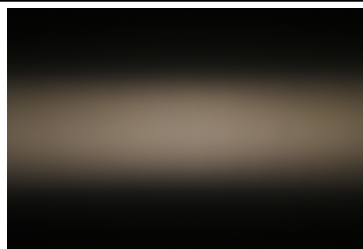
##### LUMILEDS

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:

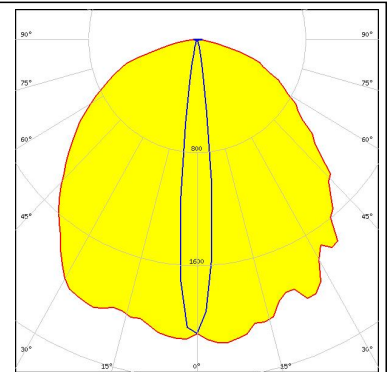
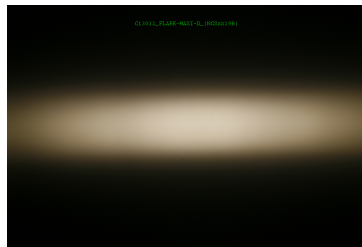




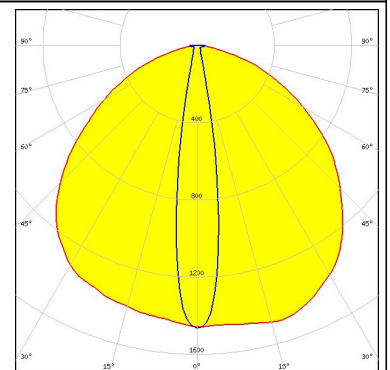
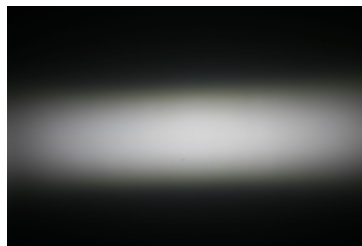
#### PHOTOMETRIC DATA (MEASURED):



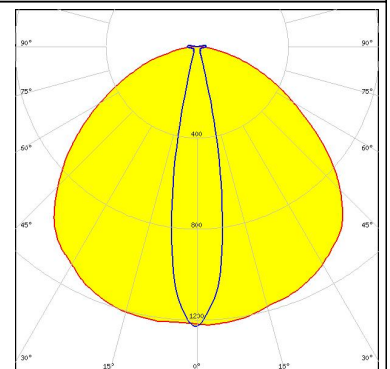
LED NCSxx19B  
 FWHM 107.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 2.100 cd/lm  
 Required components:



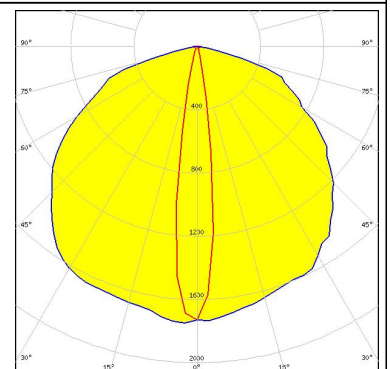
LED NS9x383  
 FWHM 110.0 + 16.0°  
 Efficiency 93 %  
 Peak intensity 1.500 cd/lm  
 Required components:



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



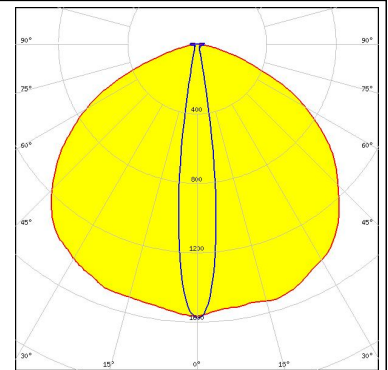
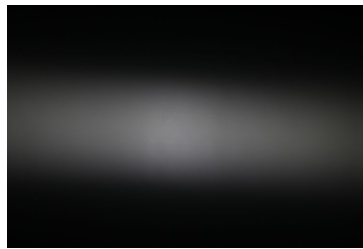
LED NVSxx19B/NVSxx19C  
 FWHM 116.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 1.700 cd/lm  
 Required components:



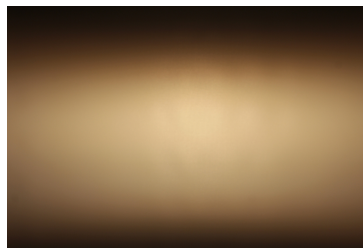
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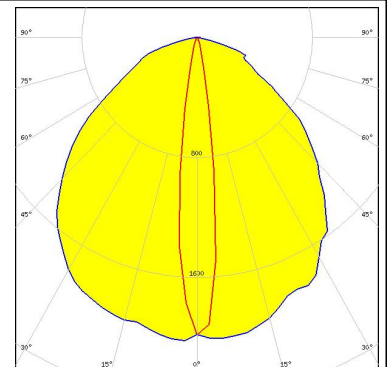
LED NWSx229A  
FWHM 117.0 + 15.0°  
Efficiency 92 %  
Peak intensity 1.600 cd/lm  
Required components:



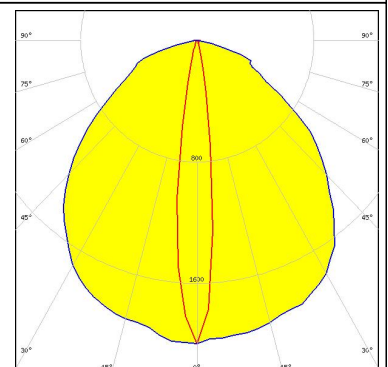
LED Duris S10  
FWHM 92.0 + 20.0°  
Efficiency 93 %  
Peak intensity 1.600 cd/lm  
Required components:



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



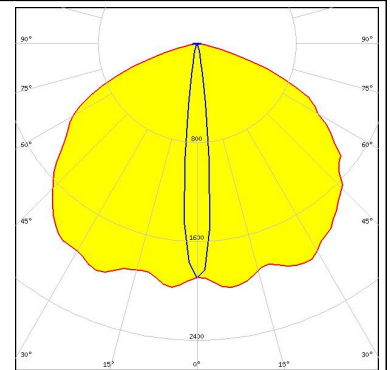
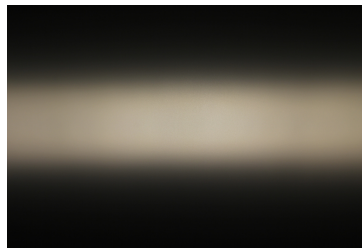
LED Oslon Square PC  
FWHM 104.0 + 12.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

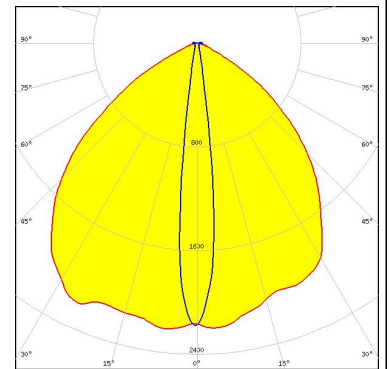
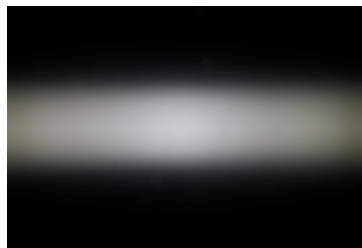
**OSRAM**  
Opto Semiconductors

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



**SAMSUNG**

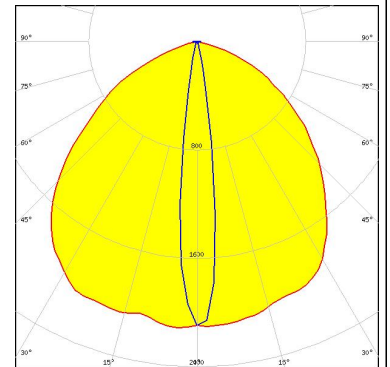
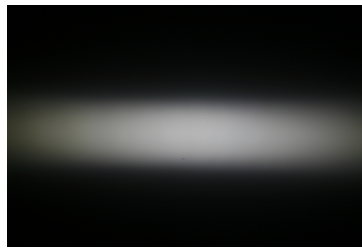
LED LH351Z  
FWHM 98.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.200 cd/lm  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

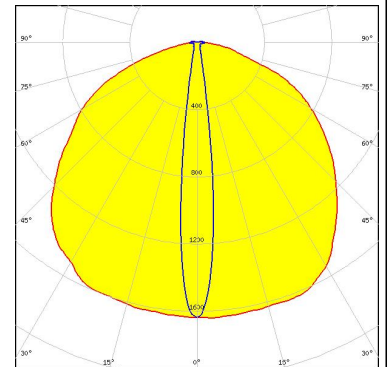
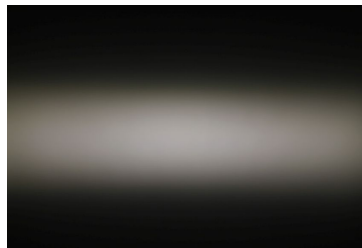
LED Z5M1/Z5M2  
FWHM 104.0 + 14.0°  
Efficiency 94 %  
Peak intensity 2.100 cd/lm  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

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







### 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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