



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!



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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



FLARE-MAXI

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

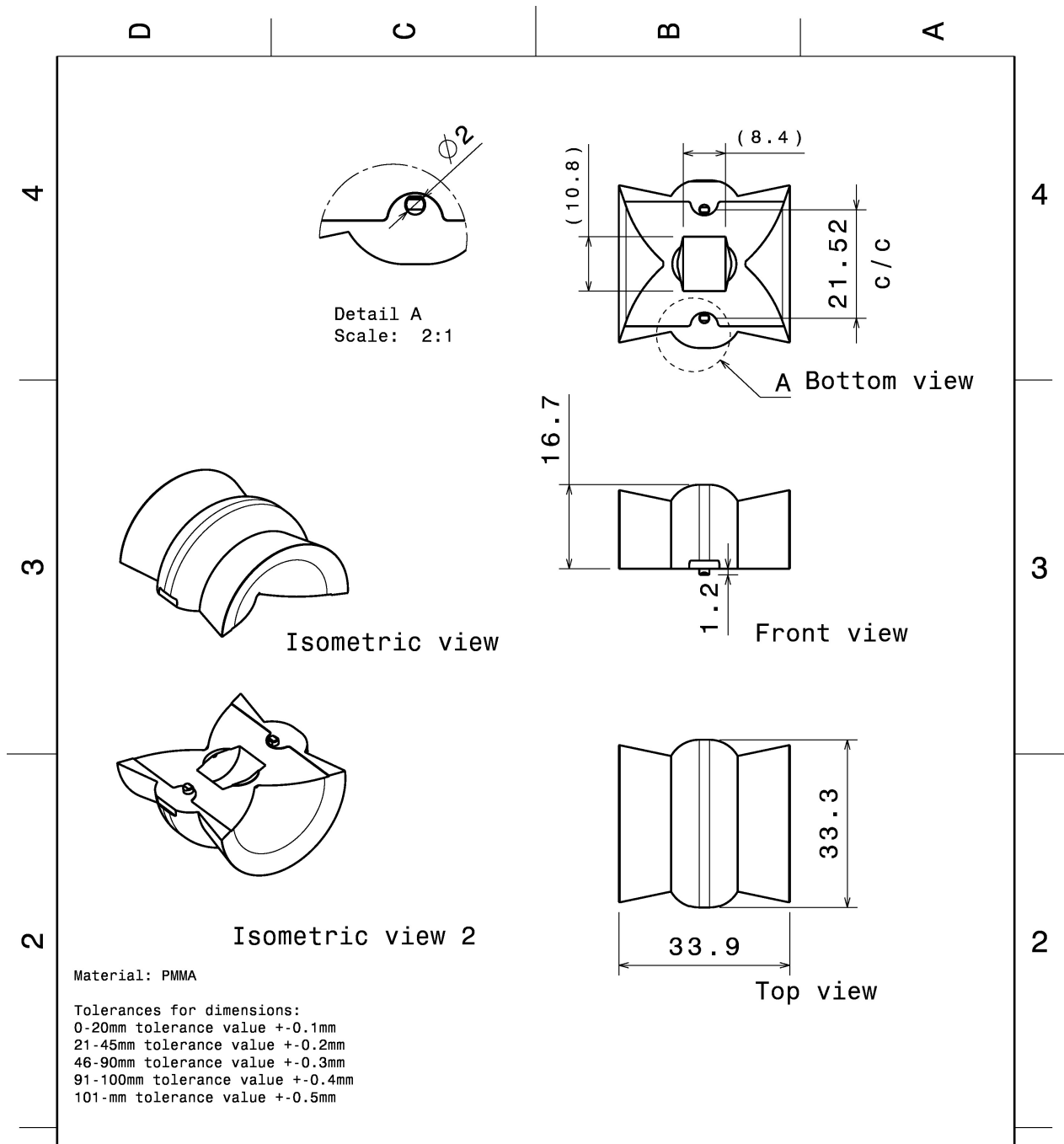
TECHNICAL SPECIFICATIONS:


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

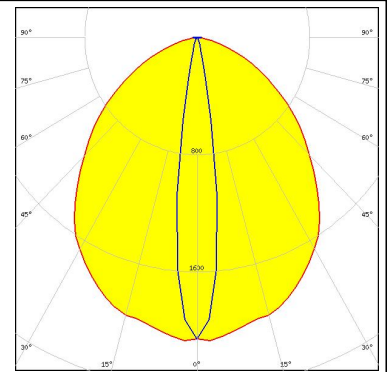


This drawing is our property. It can't be reproduced or communicated without our written agreement.		 Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWING TITLE			
Datasheet FLARE-MAXI Lens			
DRAWN BY pv	DATE 18.4.2012	DRAWING NUMBER C12868	
CHECKED BY sn	DATE 17.4.2012	SIZE A4	REV 1
DESIGNED BY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

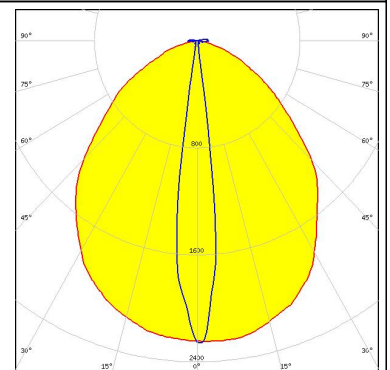
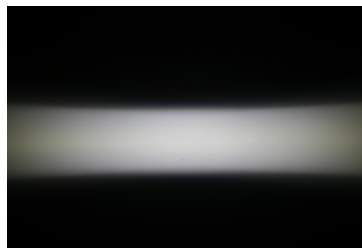
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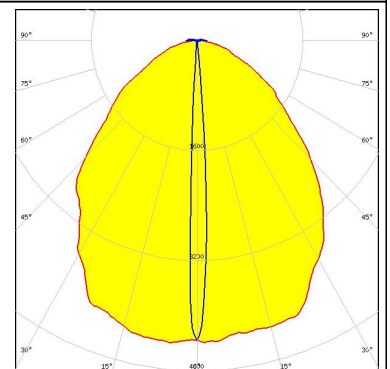
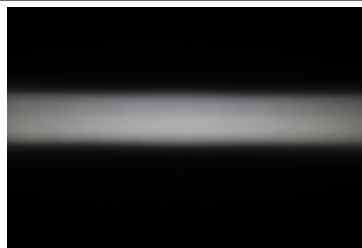
LED XM-L
 FWHM 96.0 + 15.0°
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 Required components:



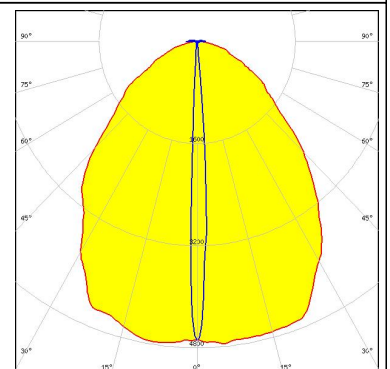
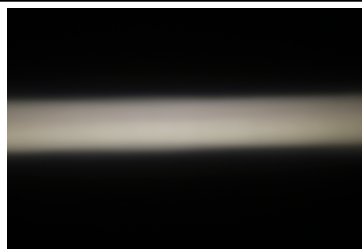
LED XM-L2
 FWHM 95.0 + 14.0°
 Efficiency 94 %
 Peak intensity 2.300 cd/lm
 Required components:



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



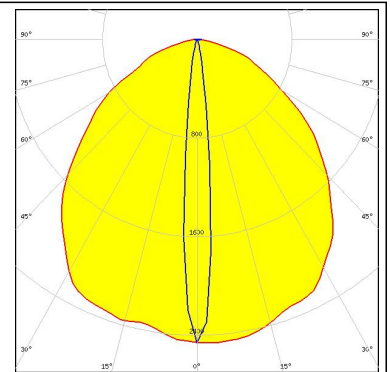
LED XP-E2
 FWHM 91.0 + 6.0°
 Efficiency 94 %
 Peak intensity 4.800 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

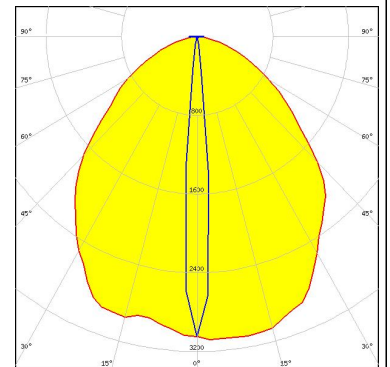
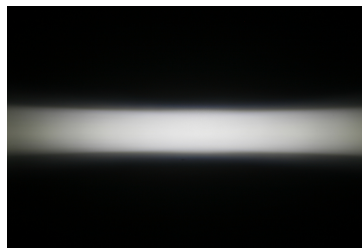
CREE 

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



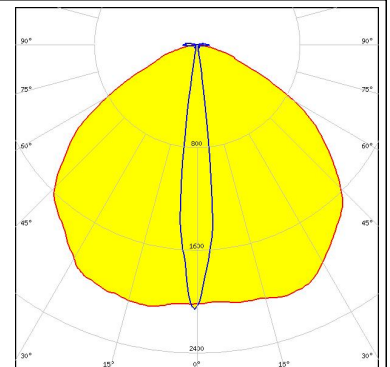
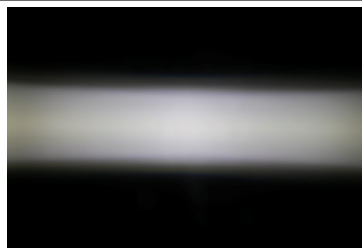
CREE 

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



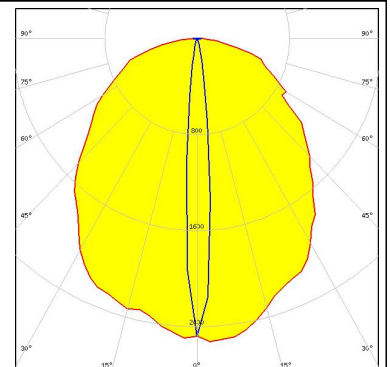
CREE 

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



CREE 

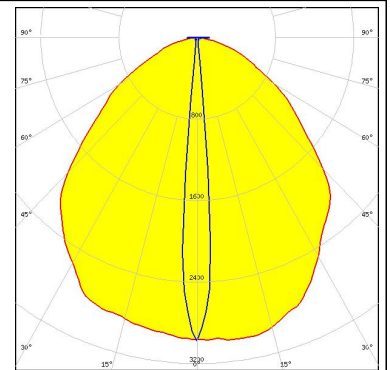
LED XT-E
 FWHM 96.0 + 10.0°
 Efficiency 94 %
 Peak intensity 2.500 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

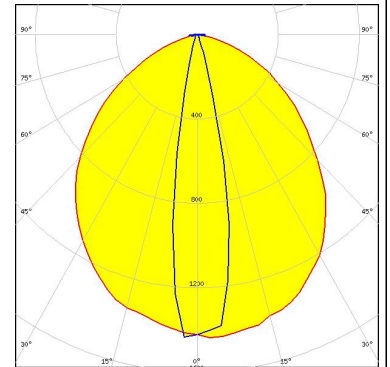
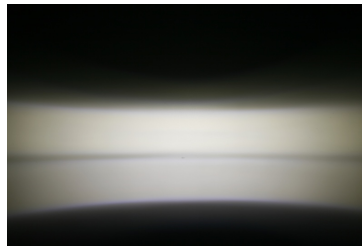
LG Innotek

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



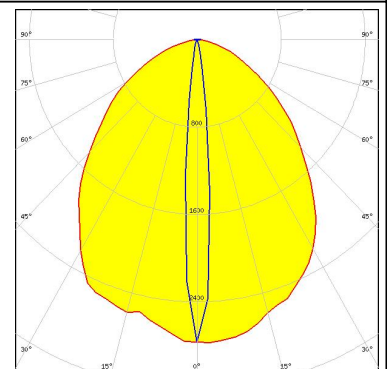
LUMILEDS

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



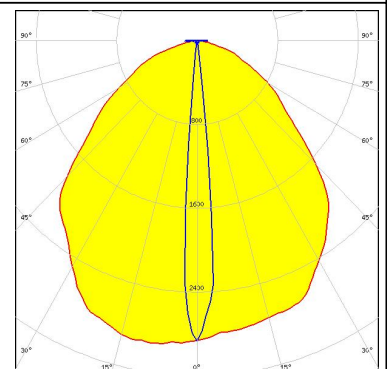
LUMILEDS

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



LUMILEDS

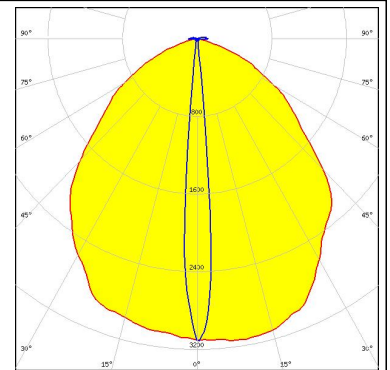
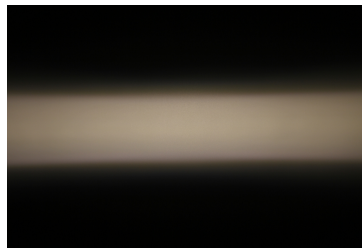
LED LUXEON T
FWHM 96.0 + 10.0°
Efficiency 92 %
Peak intensity 2.900 cd/lm
Required components:



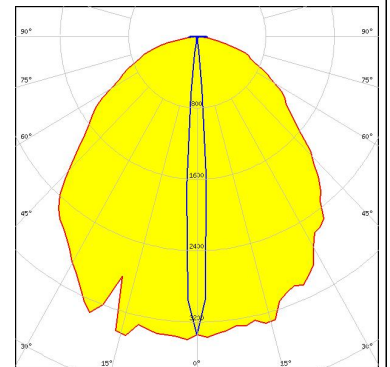
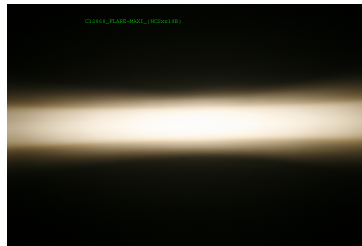
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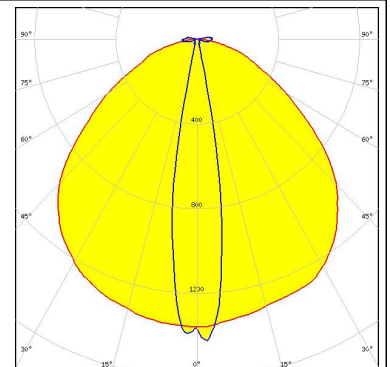
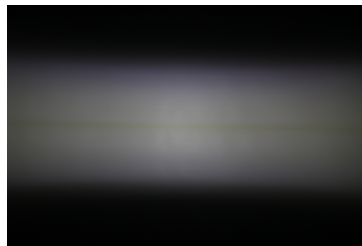
LED LUXEON TX
 FWHM 96.0 + 9.0°
 Efficiency 94 %
 Peak intensity 3.180 cd/lm
 Required components:



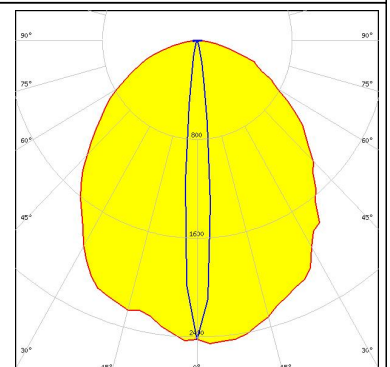
LED NCSxx19B
 FWHM 98.0 + 9.0°
 Efficiency 94 %
 Peak intensity 3.500 cd/lm
 Required components:



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



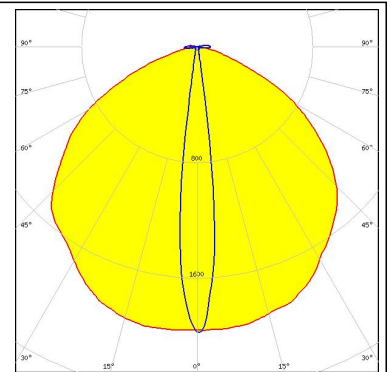
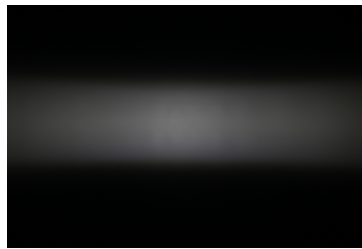
LED NVSxx19B/NVSxx19C
 FWHM 98.0 + 11.0°
 Efficiency 94 %
 Peak intensity 2.400 cd/lm
 Required components:



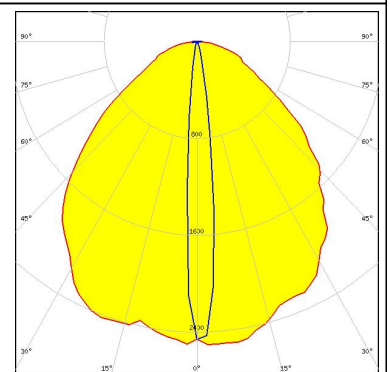
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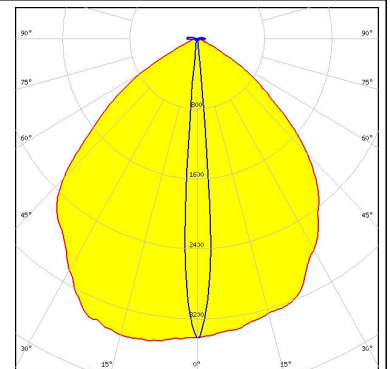
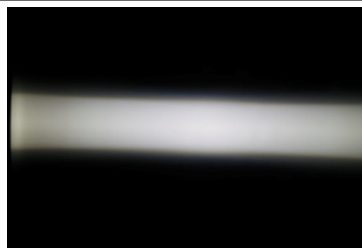
LED NWSx229A
FWHM 122.0 + 13.0°
Efficiency 94 %
Peak intensity 2.000 cd/lm
Required components:



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



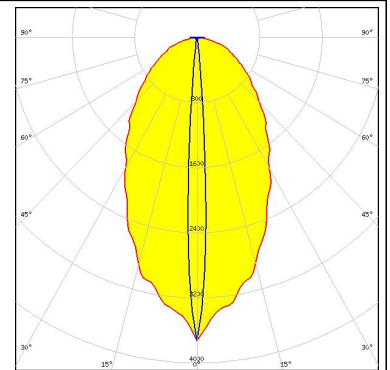
LED LH351Z
FWHM 95.0 + 9.0°
Efficiency 94 %
Peak intensity 3.500 cd/lm
Required components:



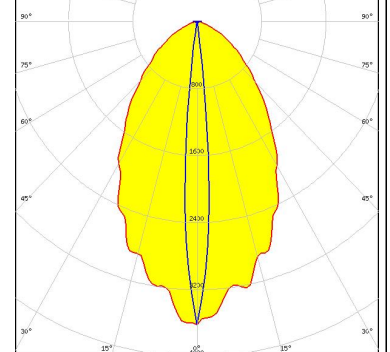
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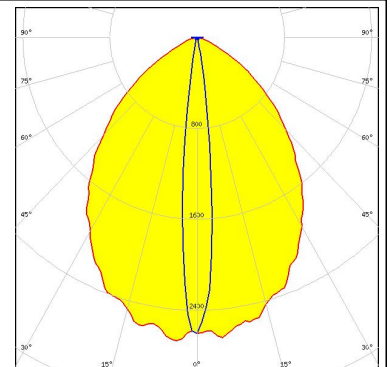
LED XD16
FWHM 60.0 + 7.0°
Efficiency 94 %
Peak intensity 3.700 cd/lm
Required components:



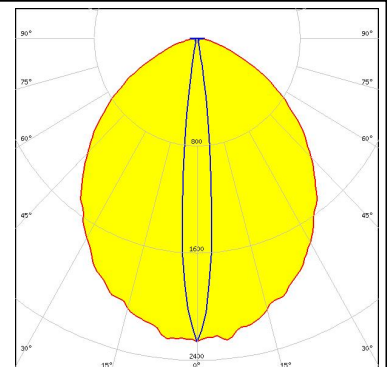
LED LUXEON H50-2
FWHM 9.5 + 64.0°
Efficiency 92 %
Peak intensity 3.600 cd/lm
Required components:



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



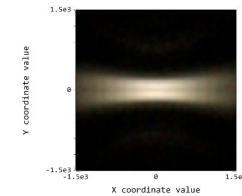
LED NVSW3x9A
FWHM 95.0 + 12.0°
Efficiency 94 %
Peak intensity 2.260 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

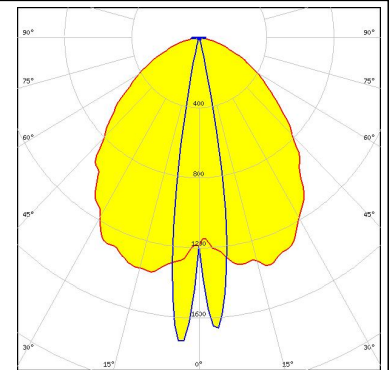
OSRAM
Opto Semiconductors

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



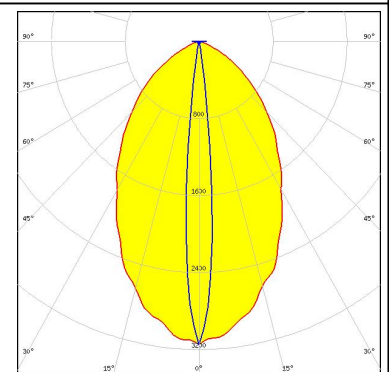
detector range: illuminance

 01-0-0000
 Detector # = 000 Surface 1
 Size: 1000x1000 mm
 Total Power: 0.000000 Lumens
 C12868_FLARE-MAXI_P8A_3cm
 Configuration: 1 of 1



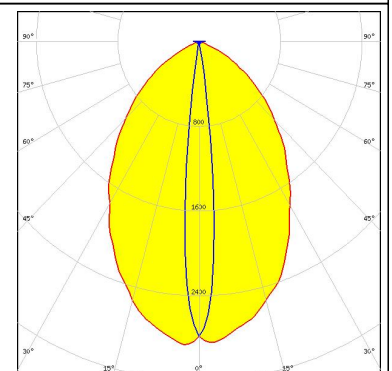
SAMSUNG

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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