



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

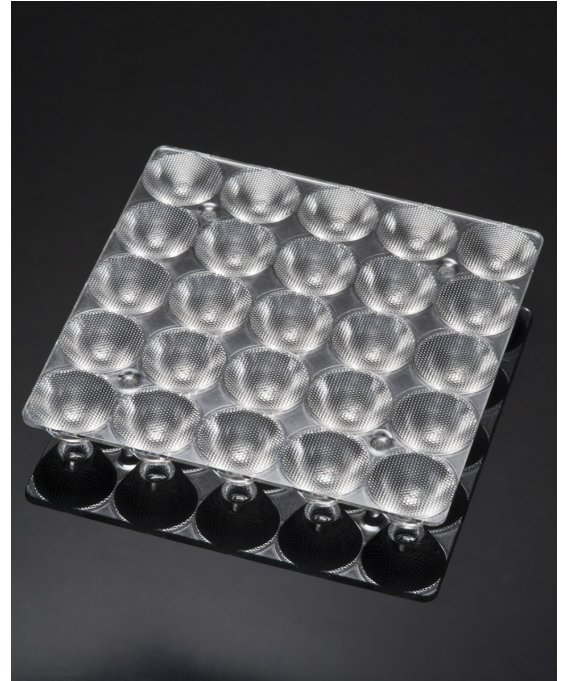


VIRPI-M

~30° medium beam

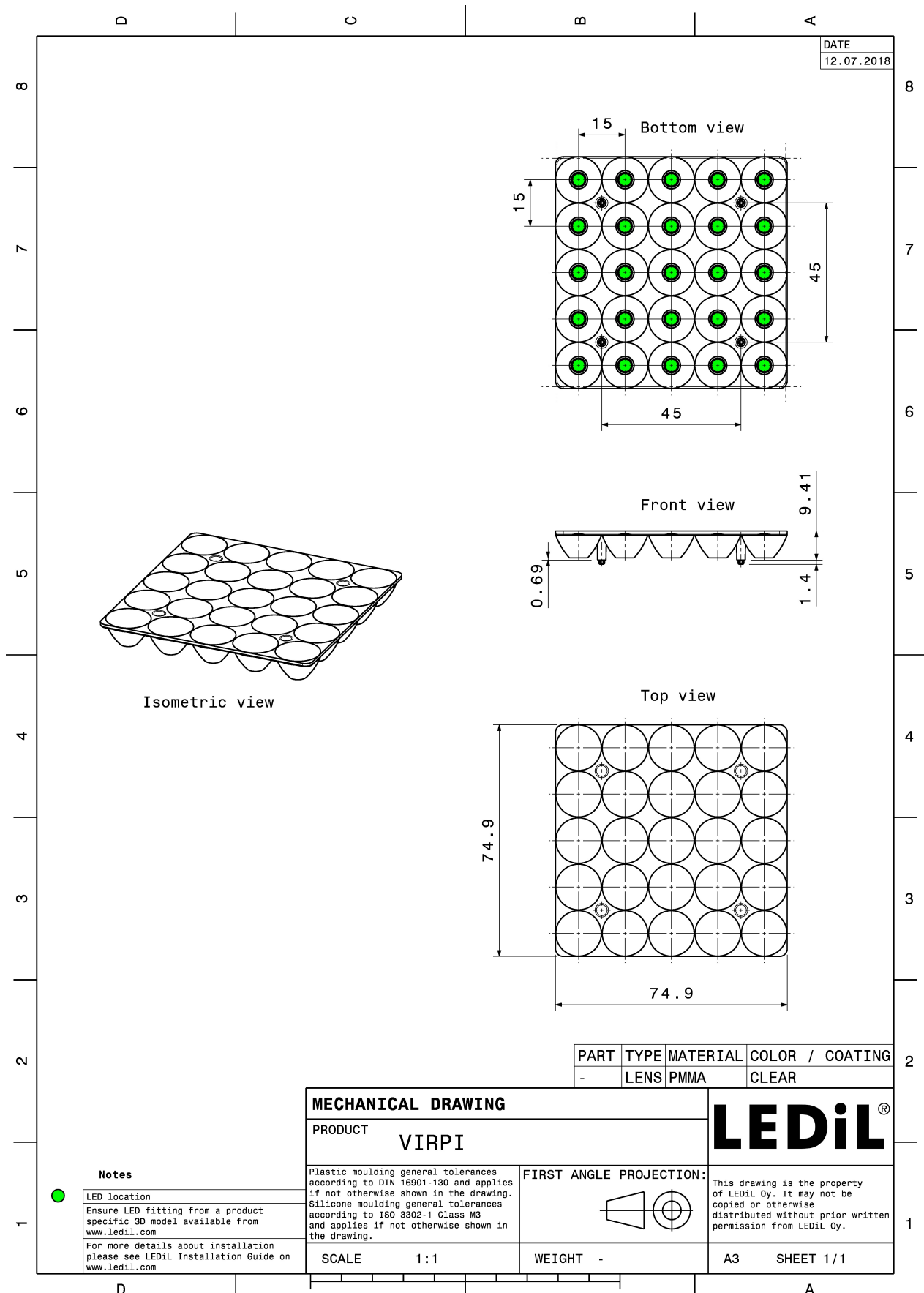
TECHNICAL SPECIFICATIONS:

Dimensions	74.9 mm
Height	9.5 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	12.2 kg
Quantity in Box	360 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

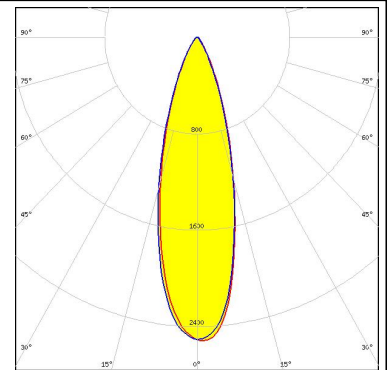
Component	Type	Material	Colour
VIRPI-M	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

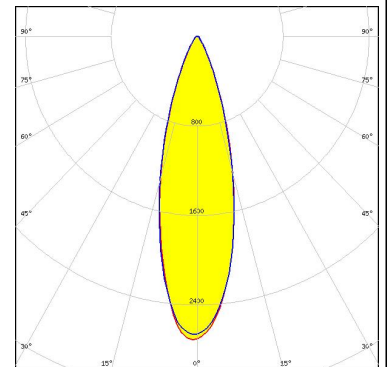
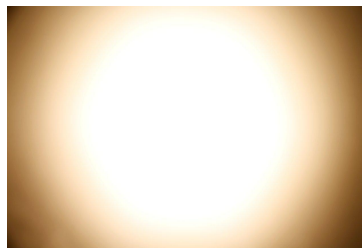
CREE 

LED ML-E
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 2.500 cd/lm
 Required components:



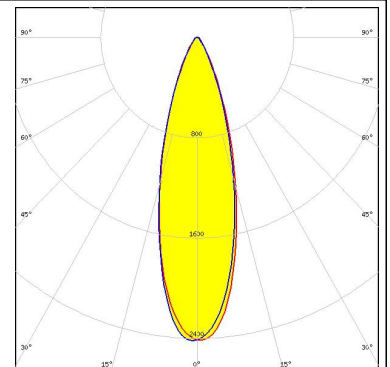
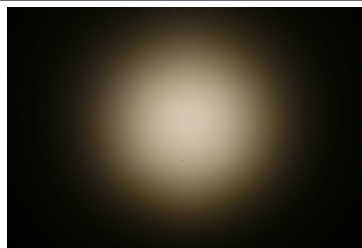
CREE 

LED XB-D
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 2.830 cd/lm
 Required components:



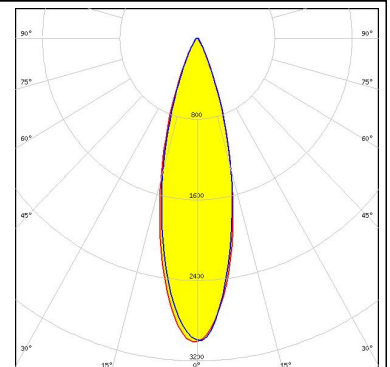
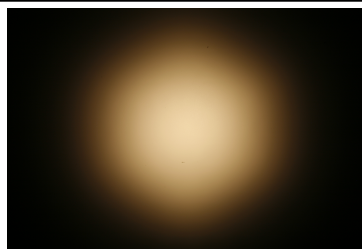
CREE 

LED XH-B/G
 FWHM 30.0°
 Efficiency 90 %
 Peak intensity 2.400 cd/lm
 Required components:



CREE 

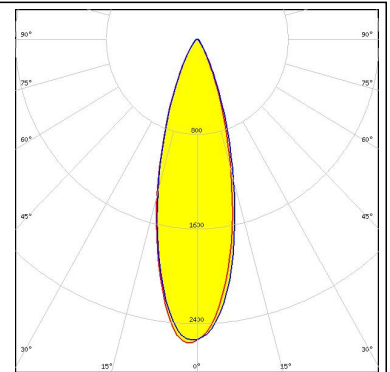
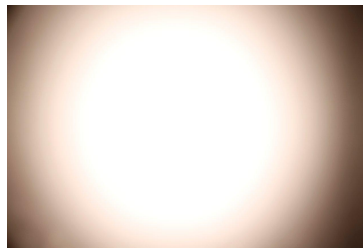
LED XP-E2
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 3.000 cd/lm
 Required components:



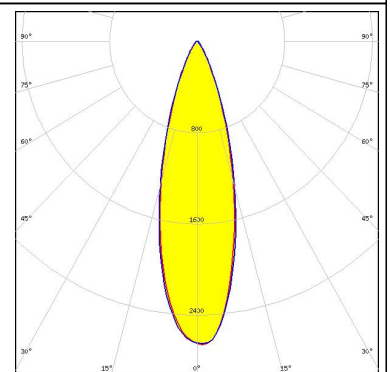
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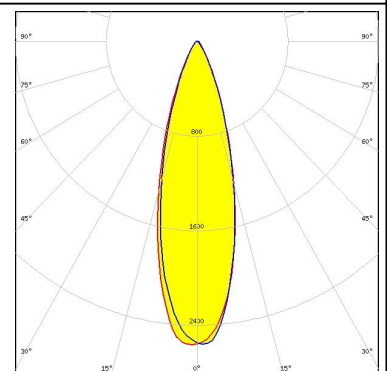
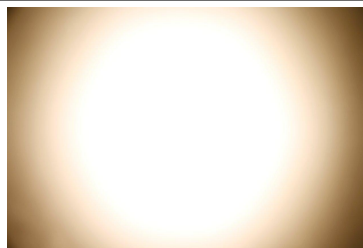
LED XP-G
 FWHM 29.0°
 Efficiency 92 %
 Peak intensity 2.530 cd/lm
 Required components:



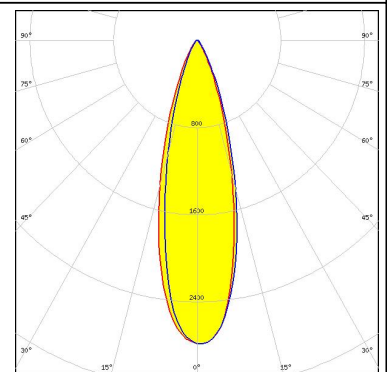
LED XP-G2
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 2.700 cd/lm
 Required components:



LED XT-E
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 2.620 cd/lm
 Required components:



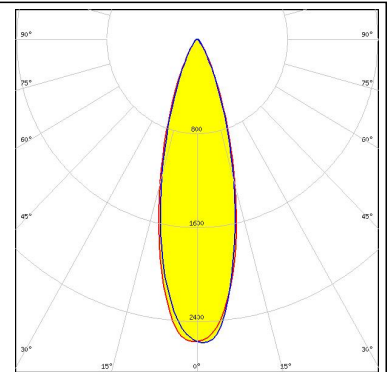
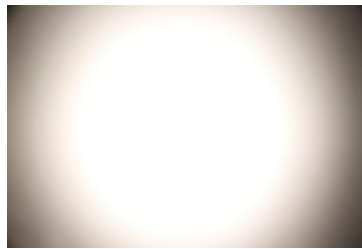
LED LG 3030
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 2.800 cd/lm
 Required components:



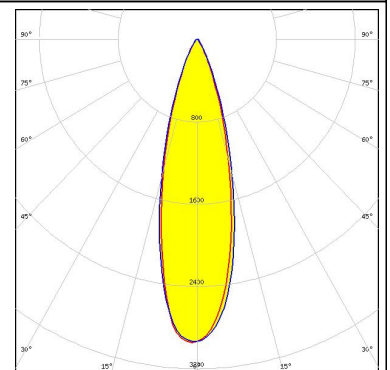
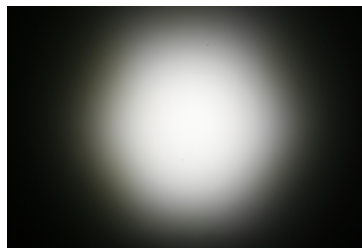
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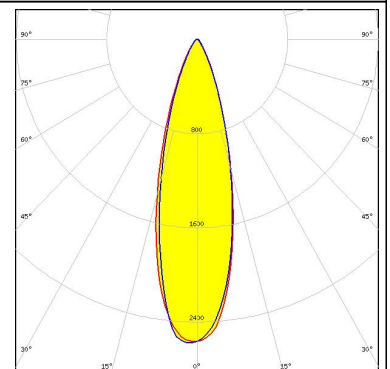
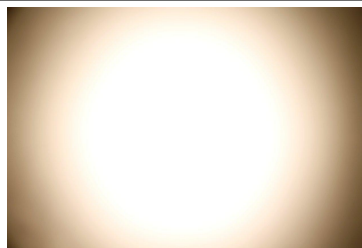
LED LUXEON Rebel ES
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 2.620 cd/lm
 Required components:



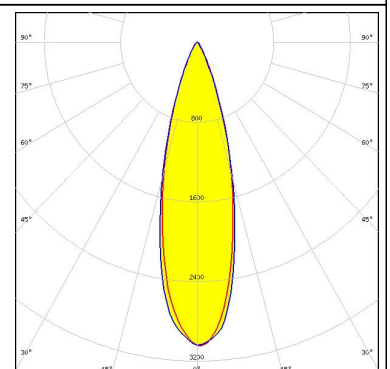
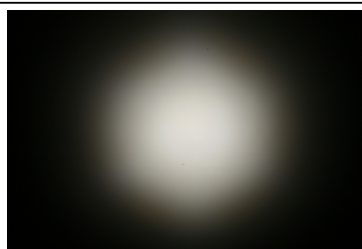
LED NF2x757A
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 2.900 cd/lm
 Required components:



LED NVSxx19A
 FWHM 29.0°
 Efficiency 90 %
 Peak intensity 2.580 cd/lm
 Required components:



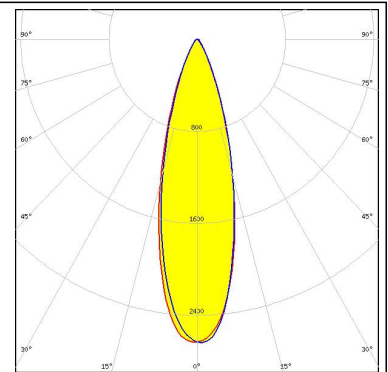
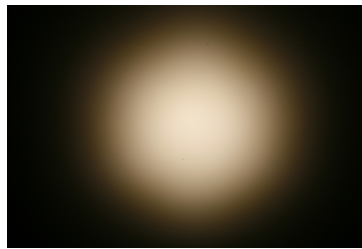
LED Duris S5 (Single chip)
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 3.100 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

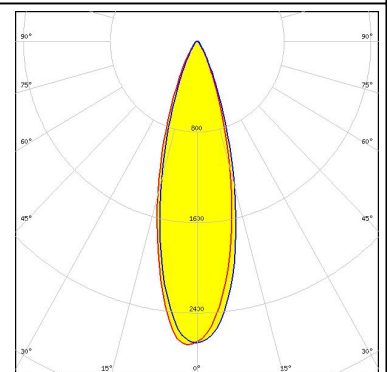
OSRAM
Opto Semiconductors

LED OSCONIQ P 2226
FWHM 29.0°
Efficiency 90 %
Peak intensity 2.600 cd/lm
Required components:



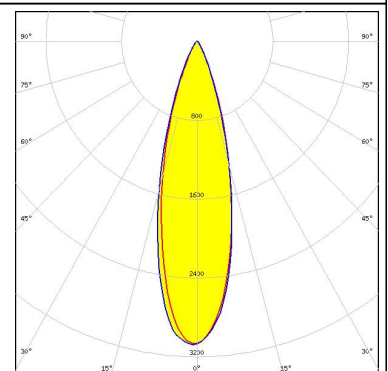
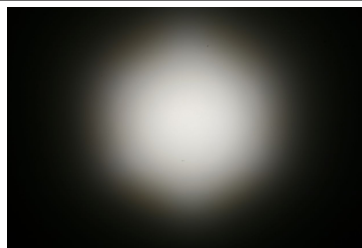
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 28.0°
Efficiency 91 %
Peak intensity 2.820 cd/lm
Required components:



SAMSUNG

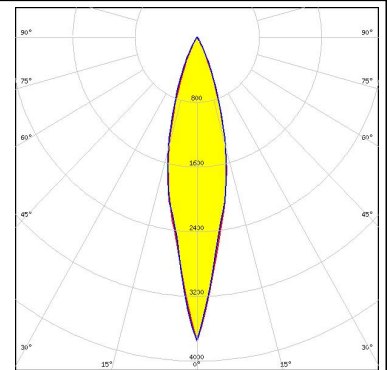
LED LM231 A/B
FWHM 28.0°
Efficiency 92 %
Peak intensity 3.100 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

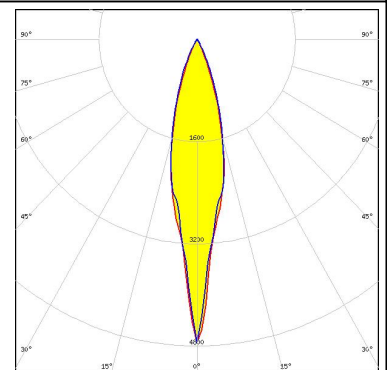
LUMILEDS

LED LUXEON C
FWHM 23.0°
Efficiency 86 %
Peak intensity 3.700 cd/lm
Required components:



LUMILEDS

LED LUXEON CZ
FWHM 20.0°
Efficiency 94 %
Peak intensity 4.800 cd/lm
Required components:



LUMILEDS

LED LUXEON SunPlus 20 Line
FWHM 27.0°
Efficiency 88 %
Peak intensity 3.400 cd/lm
Required components:

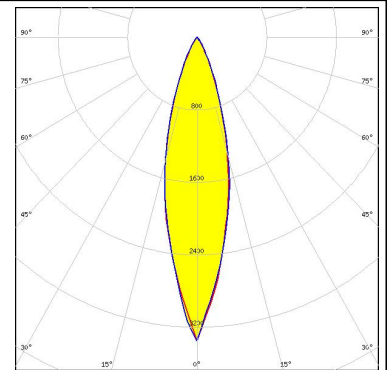
LUMILEDS

LED LUXEON SunPlus 35 Line
FWHM 26.0°
Efficiency 93 %
Peak intensity 3.600 cd/lm
Required components:

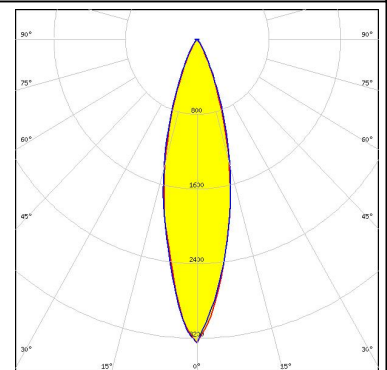
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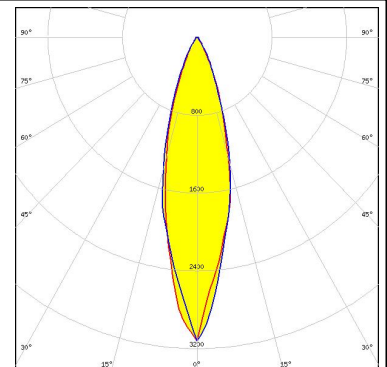
LED LUXEON T
 FWHM 26.0°
 Efficiency 91 %
 Peak intensity 3.350 cd/lm
 Required components:



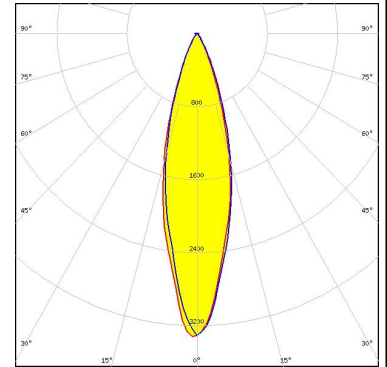
LED LUXEON TX
 FWHM 27.0°
 Efficiency 92 %
 Peak intensity 3.250 cd/lm
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM 27.0°
 Efficiency 94 %
 Peak intensity 3.190 cd/lm
 Required components:



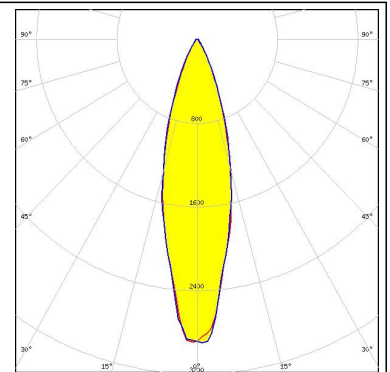
LED Oslon Square Gen3
 FWHM 26.0°
 Efficiency 93 %
 Peak intensity 3.400 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

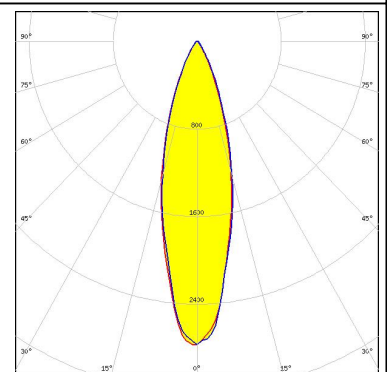
SAMSUNG

LED LH351B
FWHM 27.0°
Efficiency 94 %
Peak intensity 2.975 cd/lm
Required components:



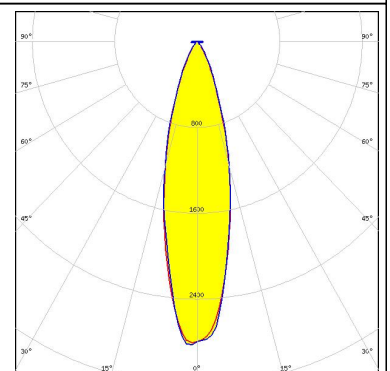
SAMSUNG

LED LH351C
FWHM 28.0°
Efficiency 94 %
Peak intensity 2.799 cd/lm
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
FWHM 26.4°
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:

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