



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



HEIDI-W

~32° wide beam

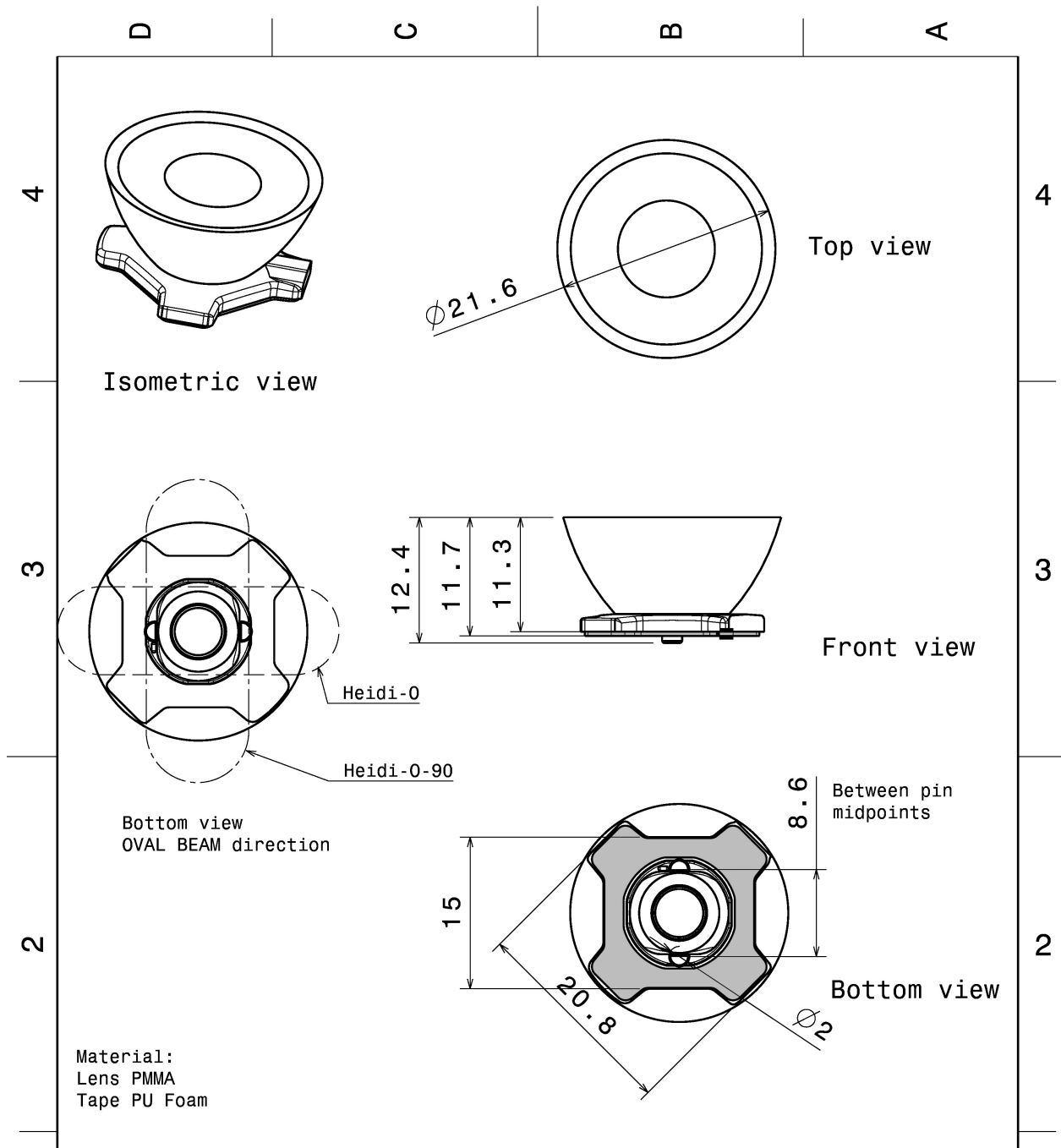
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	pin, tape
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.8 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-W	Lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black



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DRAWN BY ah		DATE 1.2.2012		DRAWING TITLE Datasheet Heidi-Series Assy	
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):

CREE 

LED XB-D
FWHM 30.0°
Efficiency 88 %
Peak intensity 2.560 cd/lm
Required components:

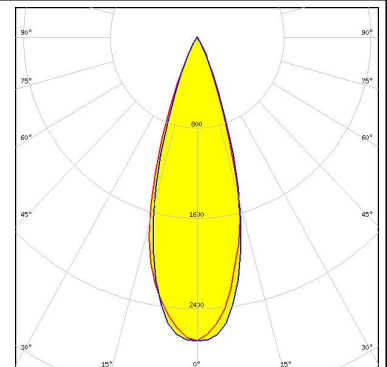
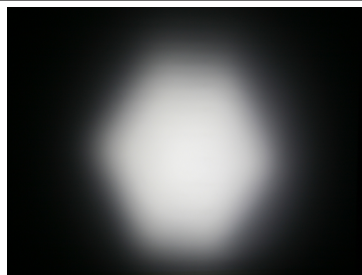
CREE 

LED XB-H
FWHM 33.0°
Efficiency 88 %
Peak intensity 2.300 cd/lm
Required components:



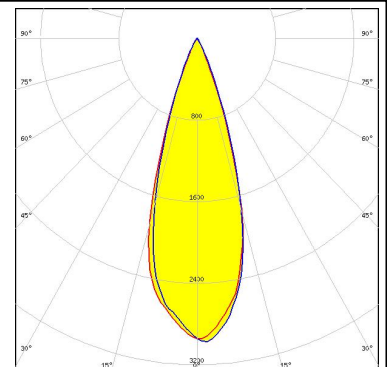
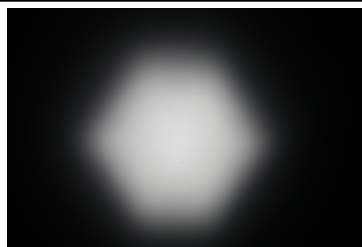
CREE 

LED XP-E
FWHM 32.0°
Efficiency 92 %
Peak intensity 2.680 cd/lm
Required components:



CREE 

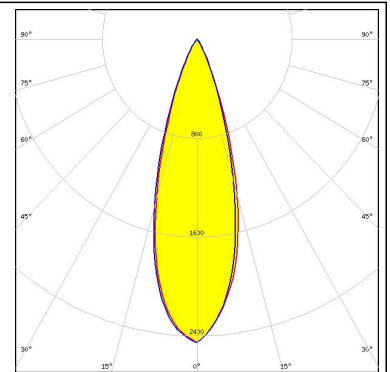
LED XP-E2
FWHM 33.0°
Efficiency 89 %
Peak intensity 2.950 cd/lm
Required components:



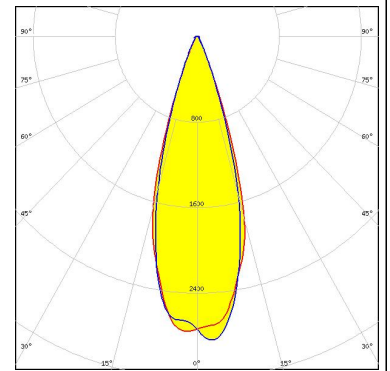
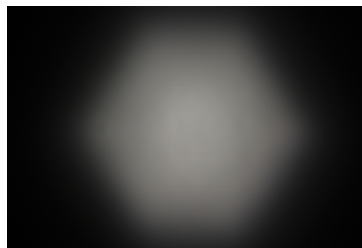
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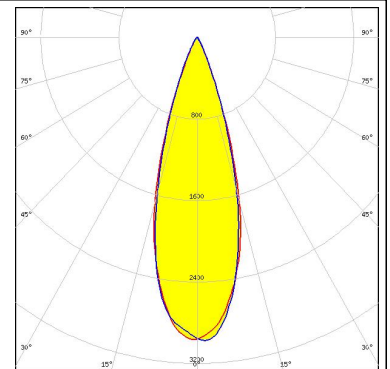
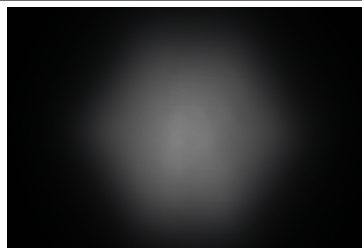
LED XP-G
 FWHM 31.0°
 Efficiency 92 %
 Peak intensity 2.460 cd/lm
 Required components:



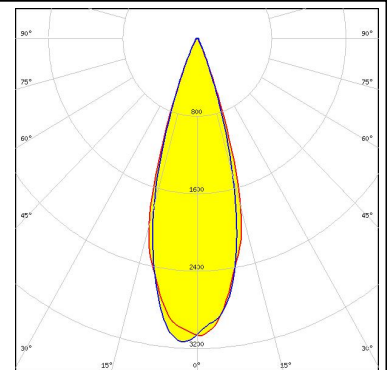
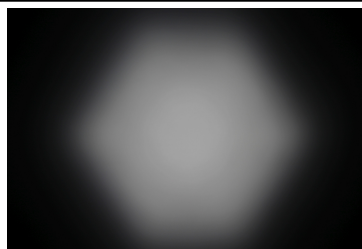
LED XQ-E HI
 FWHM 34.0°
 Efficiency 93 %
 Peak intensity 2.800 cd/lm
 Required components:



LED LUXEON C
 FWHM 31.0°
 Efficiency 88 %
 Peak intensity 3.000 cd/lm
 Required components:



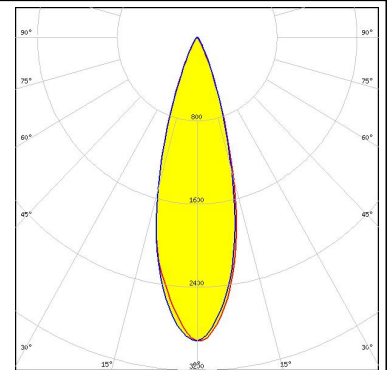
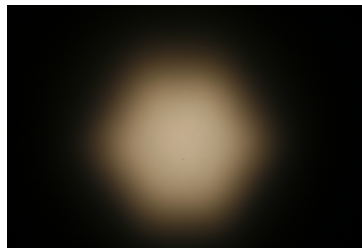
LED LUXEON CZ
 FWHM 34.0°
 Efficiency 94 %
 Peak intensity 3.100 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

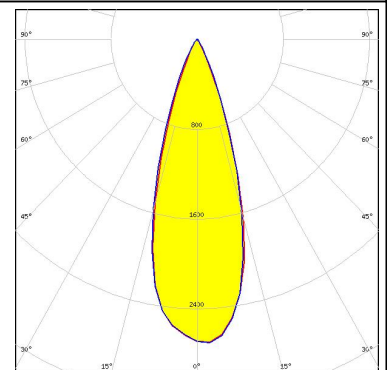
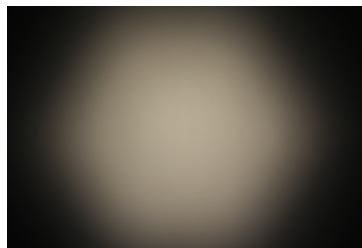
LUMILEDS

LED LUXEON T
FWHM 31.0°
Efficiency 87 %
Peak intensity 2.800 cd/lm
Required components:



LUMILEDS

LED LUXEON TX
FWHM 33.0°
Efficiency 88 %
Peak intensity 2.700 cd/lm
Required components:



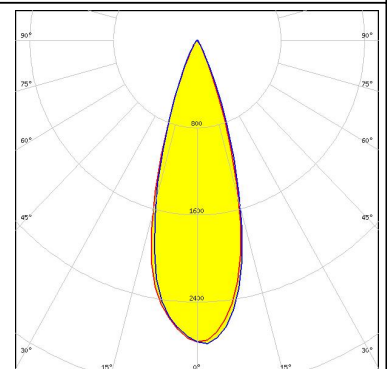
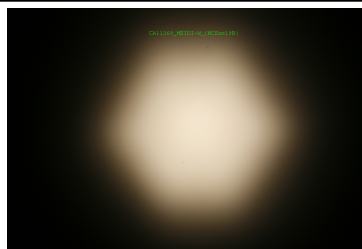
NICHIA

LED NCSxx19A
FWHM 32.0°
Efficiency 86 %
Peak intensity 2.500 cd/lm
Required components:



NICHIA

LED NCSxx19B
FWHM 33.0°
Efficiency 88 %
Peak intensity 2.800 cd/lm
Required components:



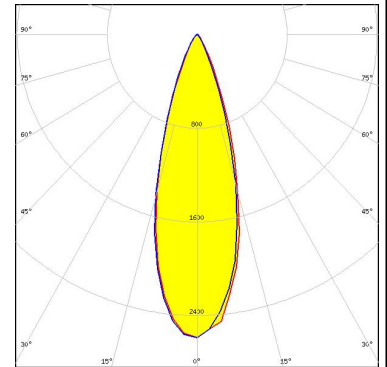
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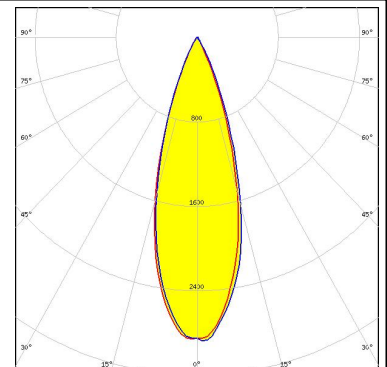
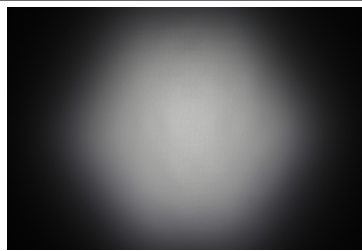
LED NVSxx19A
FWHM 32.0°
Efficiency 86 %
Peak intensity 2.250 cd/lm
Required components:



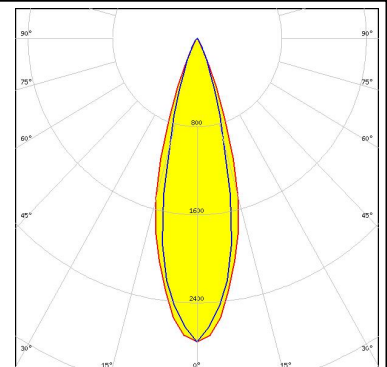
LED NVSxx19B/NVSxx19C
FWHM 32.0°
Efficiency 87 %
Peak intensity 2.600 cd/lm
Required components:



LED Oslon Square Gen3
FWHM 32.0°
Efficiency 86 %
Peak intensity 3.000 cd/lm
Required components:



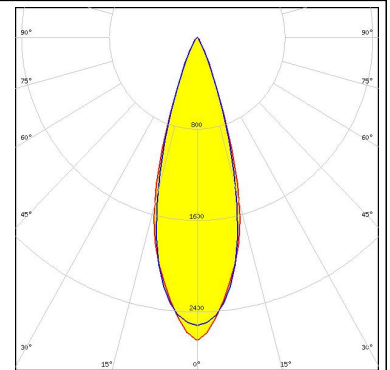
LED Oslon SSL 150
FWHM 32.0°
Efficiency 88 %
Peak intensity 2.750 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

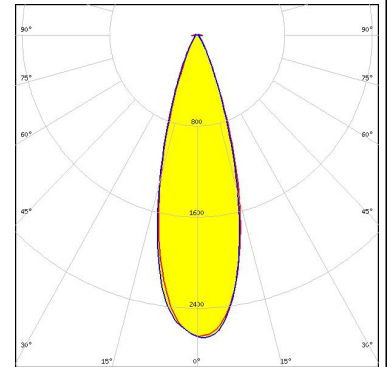
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 32.0°
Efficiency 86 %
Peak intensity 2.650 cd/lm
Required components:



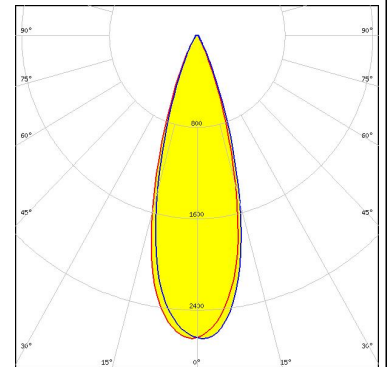
SAMSUNG

LED LH181B
FWHM 31.0°
Efficiency 92 %
Peak intensity 2.700 cd/lm
Required components:



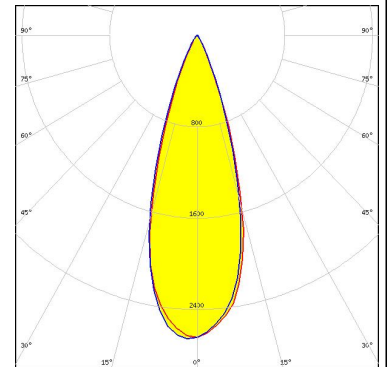
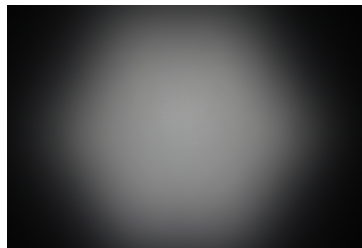
SAMSUNG

LED LH351B
FWHM 32.0°
Efficiency 94 %
Peak intensity 2.700 cd/lm
Required components:


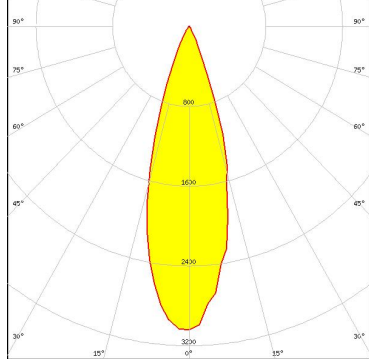


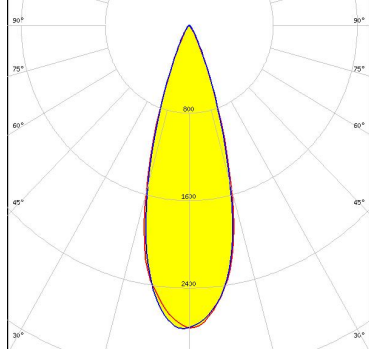


SAMSUNG

LED LH351Z
FWHM 34.0°
Efficiency 88 %
Peak intensity 2.700 cd/lm
Required components:



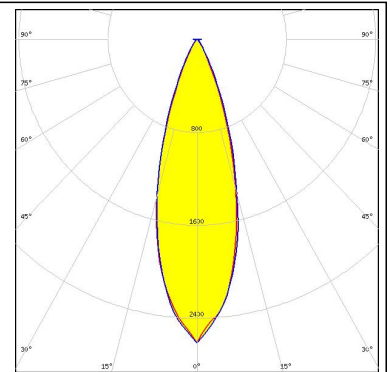
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5 FWHM 32.0° Efficiency 86 % Peak intensity 3.040 cd/lm Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM 32.0° Efficiency 91 % Peak intensity 2.800 cd/lm Required components:</p>		

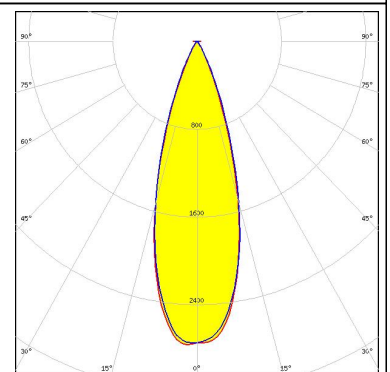
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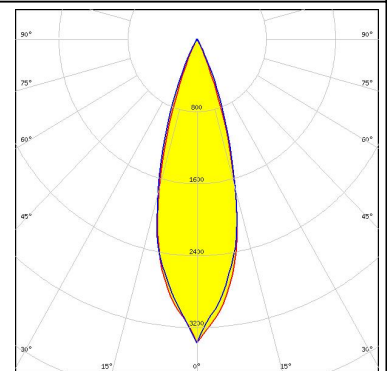
LED XP-G3
FWHM 31.0°
Efficiency 94 %
Peak intensity 2.610 cd/lm
Required components:



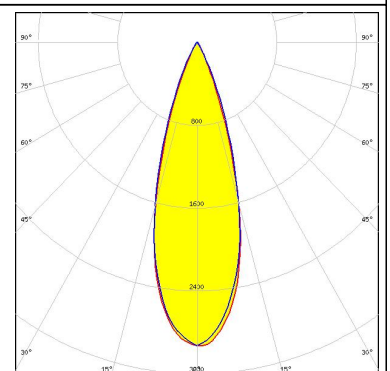
LED XT-E
FWHM 31.8°
Efficiency 94 %
Peak intensity 2.770 cd/lm
Required components:



LED LUXEON Z ES
FWHM 30.0°
Efficiency 94 %
Peak intensity 3.370 cd/lm
Required components:



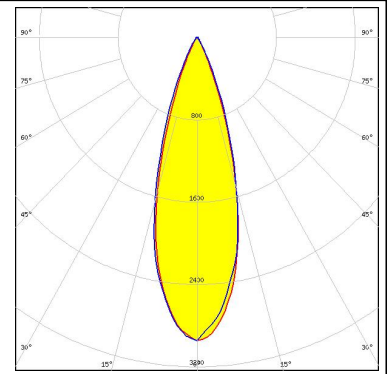
LED Oslon Square EC
FWHM 32.0°
Efficiency 94 %
Peak intensity 2.940 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LM28xB Series
FWHM 31.0°
Efficiency 94 %
Peak intensity 2.690 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.

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