



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



FLORENCE-Z60

~60° wide beam

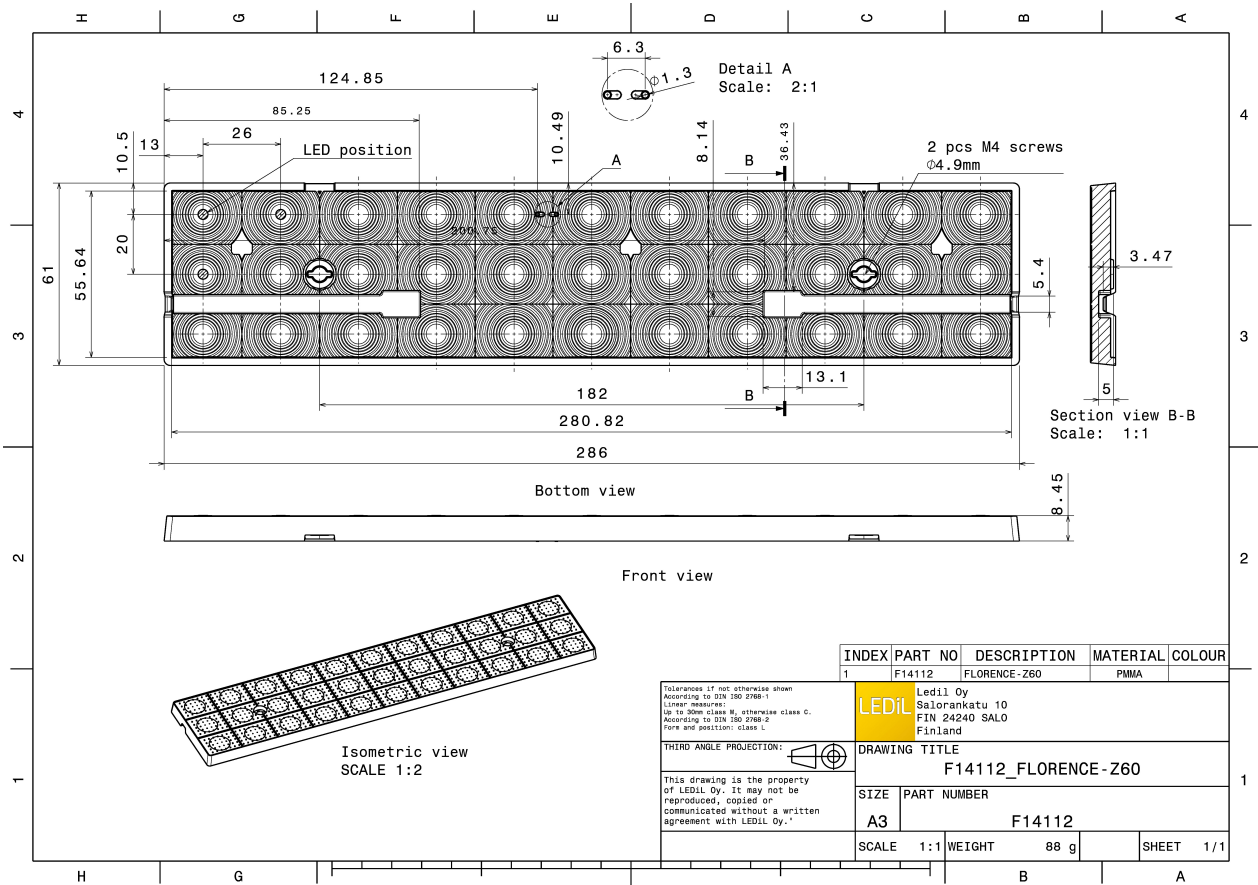
TECHNICAL SPECIFICATIONS:

Dimensions	286.0 x 61.0 mm
Height	8.5 mm
Fastening	screw
Colour	clear
Box size	398 x 298 x 140 mm
Box weight	7.3 kg
Quantity in Box	72 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

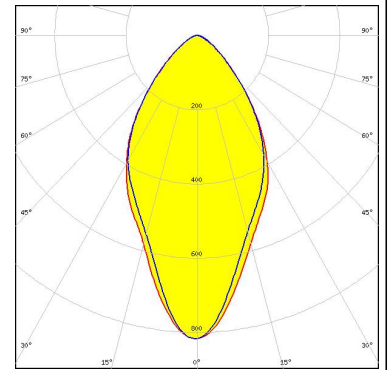
Component	Type	Material	Colour
FLORENCE-Z60	Lens	PMMA	clear



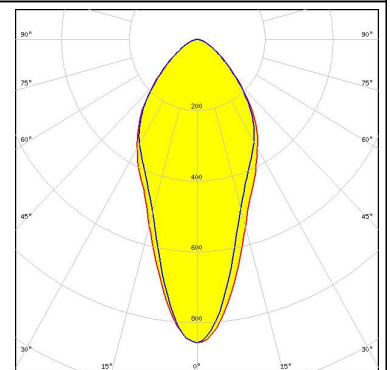
PHOTOMETRIC DATA (MEASURED):



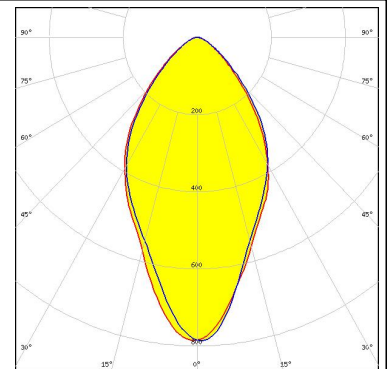
LED TRIDINO R3 8x0 1100 1ft HV
 FWHM 57.0°
 Efficiency 88 %
 Peak intensity 0.820 cd/lm
 Required components:



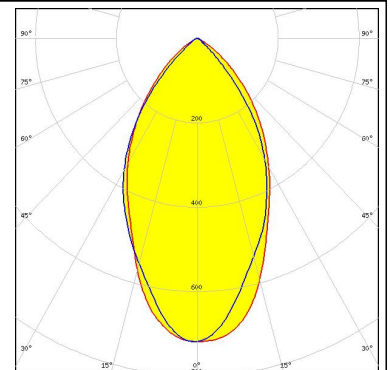
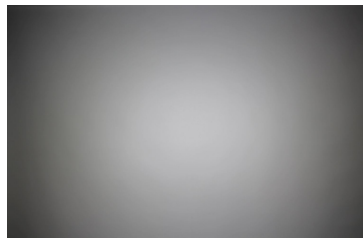
LED XH-B/G
 FWHM 43.0°
 Efficiency 87 %
 Peak intensity 0.860 cd/lm
 Required components:



LED LG 5630
 FWHM 59.0°
 Efficiency 90 %
 Peak intensity 0.790 cd/lm
 Required components:



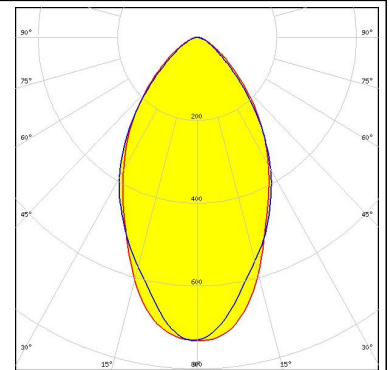
LED LG 6030
 FWHM 58.0°
 Efficiency 76 %
 Peak intensity 0.720 cd/lm
 Required components:
 C14592_FLORENCE-3R-SHD-BLK



PHOTOMETRIC DATA (MEASURED):

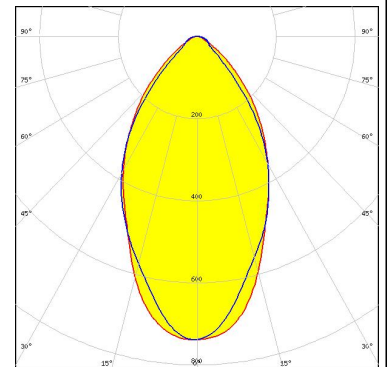
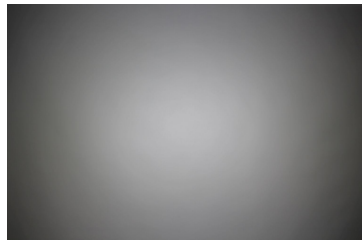
LG Innotek

LED LG 6030
 FWHM 61.0°
 Efficiency 89 %
 Peak intensity 0.733 cd/lm
 Required components:



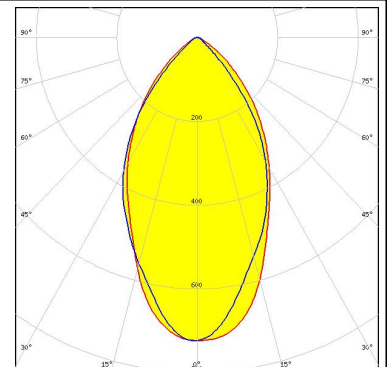
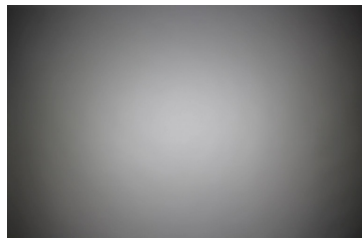
LG Innotek

LED LG 6030
 FWHM 60.0°
 Efficiency 87 %
 Peak intensity 0.740 cd/lm
 Required components:
 C14646_FLORENCE-3R-SHD-WHT



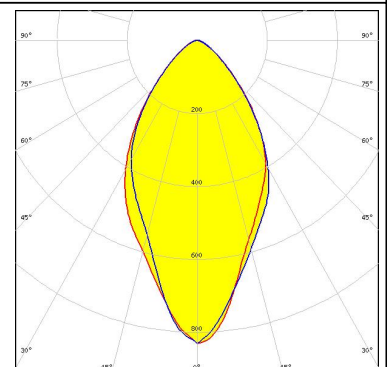
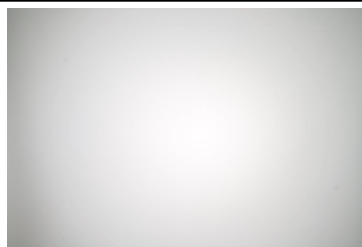
LG Innotek

LED LG 6030
 FWHM 58.0°
 Efficiency 78 %
 Peak intensity 0.720 cd/lm
 Required components:
 C14453_FLORENCE-3R-SHD-GR



LUMILEDS

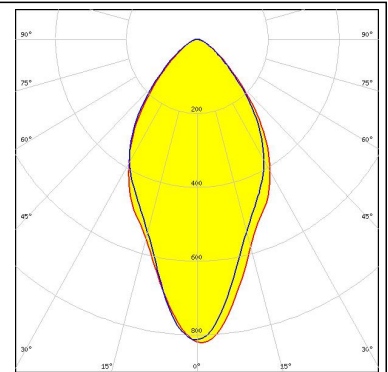
LED LUXEON 3030 2D (Round LES)
 FWHM 57.0°
 Efficiency 88 %
 Peak intensity 0.830 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

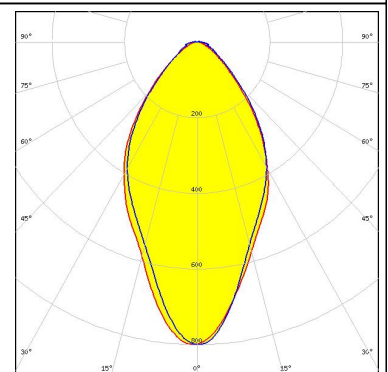
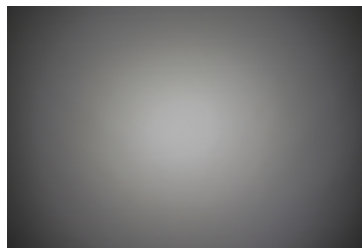
LUMILEDS

LED LUXEON 3535 2D
 FWHM 57.0°
 Efficiency 89 %
 Peak intensity 0.822 cd/lm
 Required components:



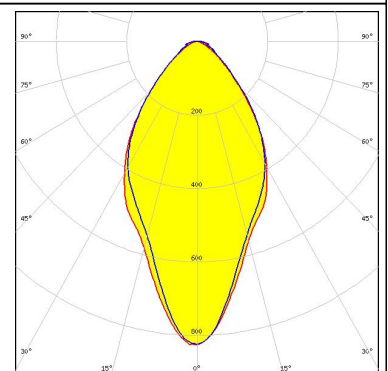
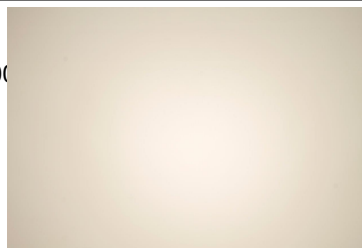
LUMILEDS

LED LUXEON 3535L HE
 FWHM 58.0°
 Efficiency 93 %
 Peak intensity 0.800 cd/lm
 Required components:



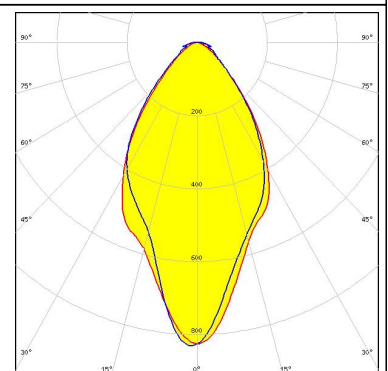
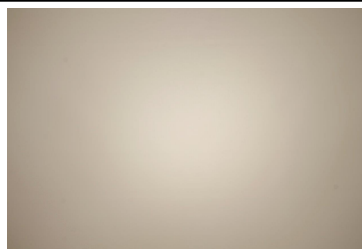
LUMILEDS

LED LUXEON XR-3535L (L202 - xxxx033C3000)
 FWHM 59.0°
 Efficiency 93 %
 Peak intensity 0.830 cd/lm
 Required components:



LUMINUS

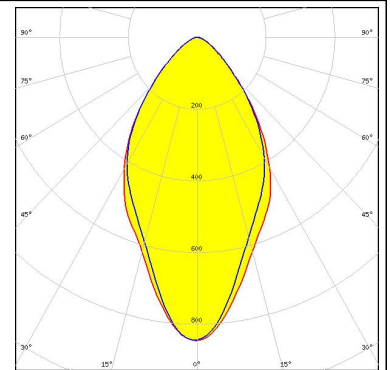
LED MP-2016
 FWHM 58.0°
 Efficiency 91 %
 Peak intensity 0.830 cd/lm
 Required components:



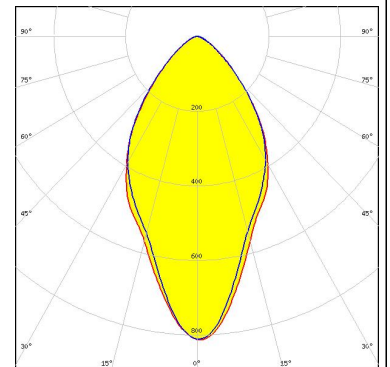
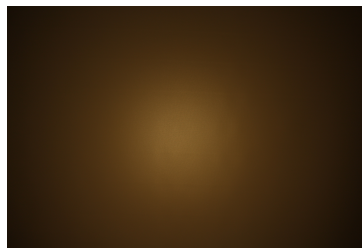
PHOTOMETRIC DATA (MEASURED):



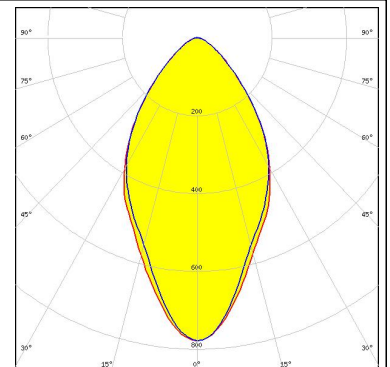
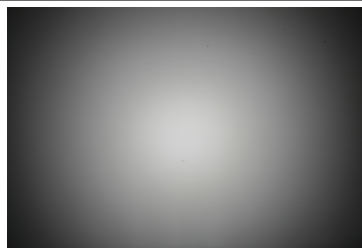
LED NF2x757D
 FWHM 58.0°
 Efficiency 92 %
 Peak intensity 0.847 cd/lm
 Required components:



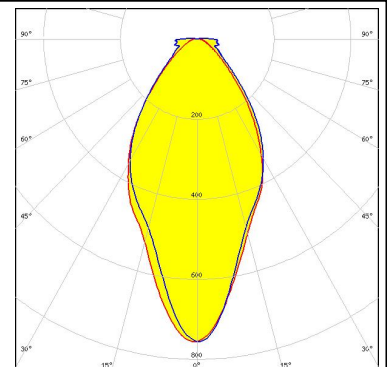
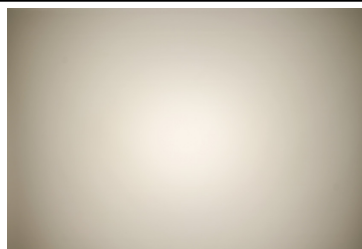
LED PLG2-BAR-1100-xxx-280x55-DC
 FWHM 57.0°
 Efficiency 88 %
 Peak intensity 0.810 cd/lm
 Required components:



LED Duris E5
 FWHM 59.0°
 Efficiency 89 %
 Peak intensity 0.800 cd/lm
 Required components:



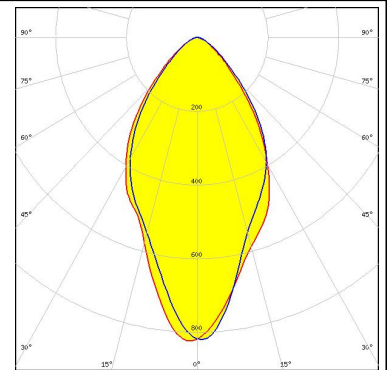
LED Duris S2
 FWHM 55.0°
 Efficiency 90 %
 Peak intensity 0.760 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

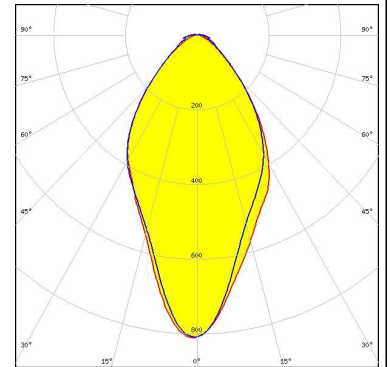
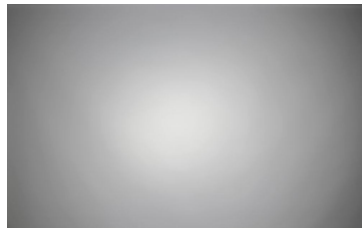
OSRAM
Opto Semiconductors

LED Duris S5 (Single chip)
FWHM 58.0°
Efficiency 89 %
Peak intensity 0.820 cd/lm
Required components:



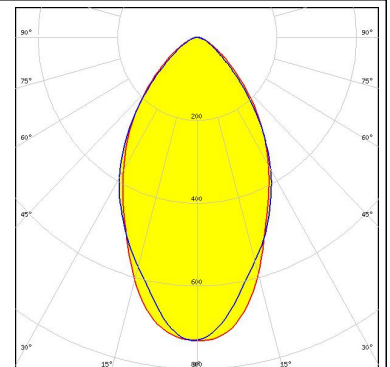
OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 56.0°
Efficiency 93 %
Peak intensity 0.810 cd/lm
Required components:



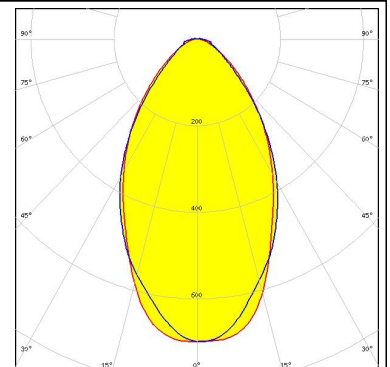
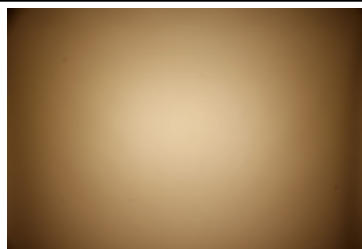
PHILIPS

LED Fortimo LED Line 1ft 1100lm xx0 3R xV2/x
FWHM 61.0°
Efficiency 89 %
Peak intensity 0.733 cd/lm
Required components:



PHILIPS

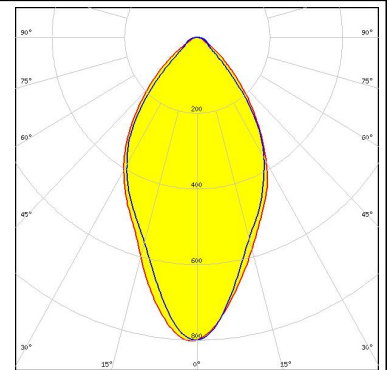
LED Fortimo LED Line 1ft 2000lm 8xx 3R HV2
FWHM 63.0°
Efficiency 93 %
Peak intensity 0.700 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

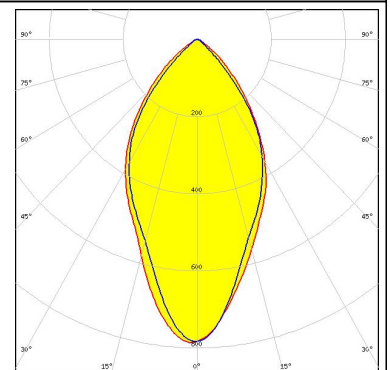
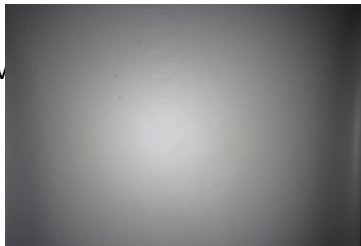
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
FWHM 58.0°
Efficiency 89 %
Peak intensity 0.800 cd/lm
Required components:
C14646_FLORENCE-3R-SHD-WHT



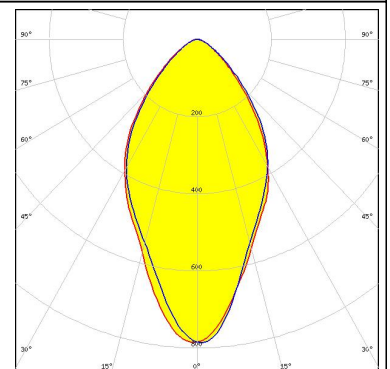
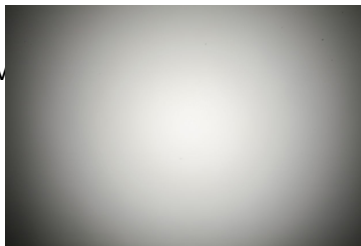
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
FWHM 56.0°
Efficiency 80 %
Peak intensity 0.790 cd/lm
Required components:
C14453_FLORENCE-3R-SHD-GR



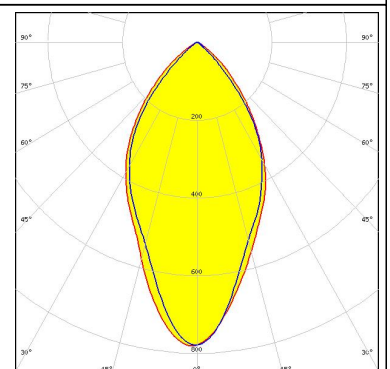
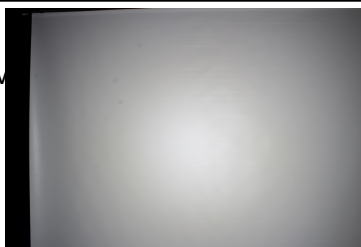
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
FWHM 59.0°
Efficiency 90 %
Peak intensity 0.790 cd/lm
Required components:



PHILIPS

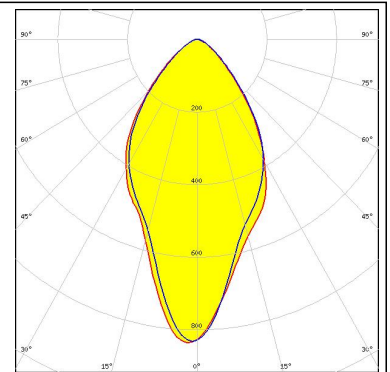
LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
FWHM 56.0°
Efficiency %
Peak intensity cd/lm
Required components:
C14592_FLORENCE-3R-SHD-BLK



PHOTOMETRIC DATA (MEASURED):

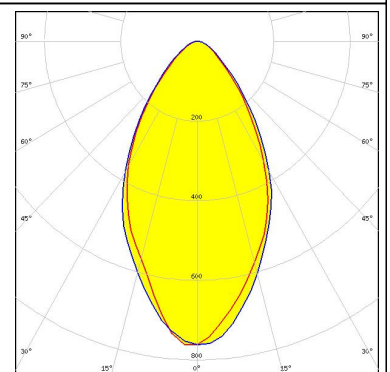
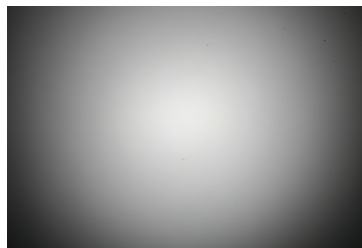
SAMSUNG

LED LM231 A/B
FWHM 56.0°
Efficiency 89 %
Peak intensity 0.880 cd/lm
Required components:



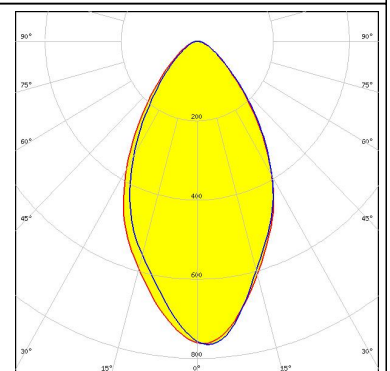
SAMSUNG

LED LM362A
FWHM 59.0°
Efficiency 85 %
Peak intensity 0.766 cd/lm
Required components:



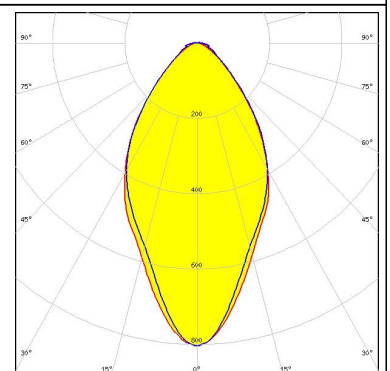
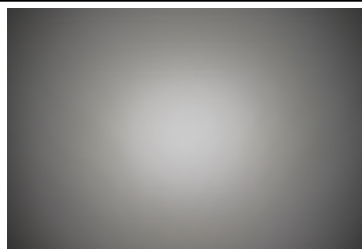
SAMSUNG

LED LM561B
FWHM 59.0°
Efficiency 86 %
Peak intensity 0.770 cd/lm
Required components:



SAMSUNG

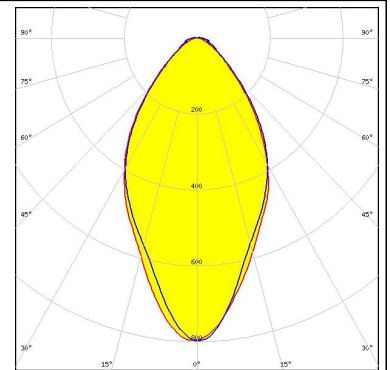
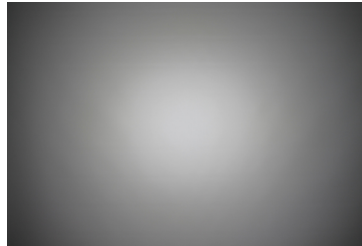
LED LM561B Plus
FWHM 59.0°
Efficiency 93 %
Peak intensity 0.800 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

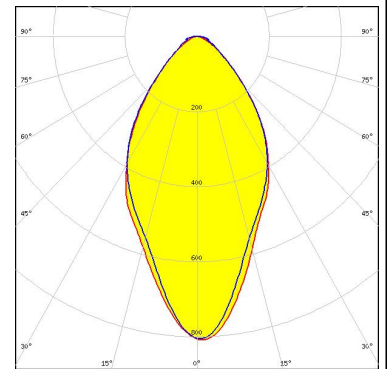
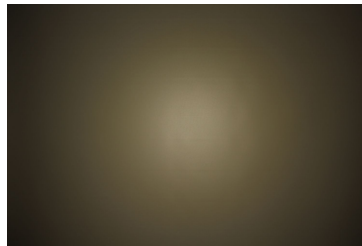
SAMSUNG

LED LM561C
FWHM 59.0°
Efficiency 93 %
Peak intensity 0.800 cd/lm
Required components:

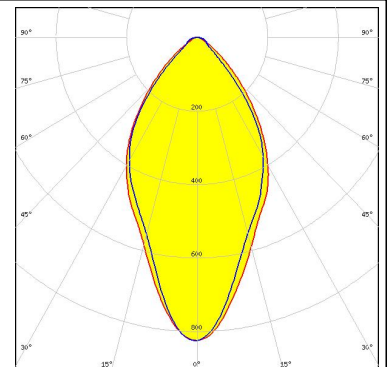
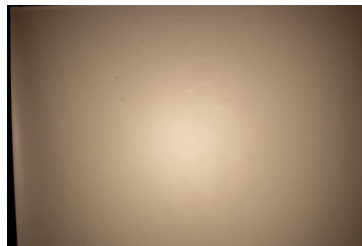


SAMSUNG

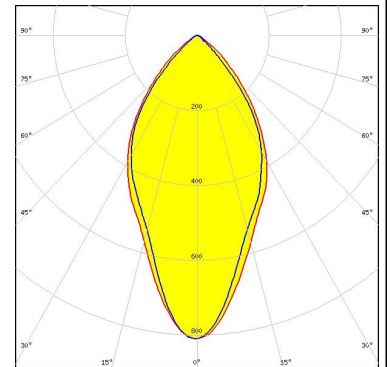
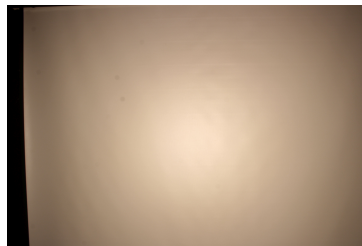
LED LT-R286A
FWHM 58.0°
Efficiency 93 %
Peak intensity 0.810 cd/lm
Required components:





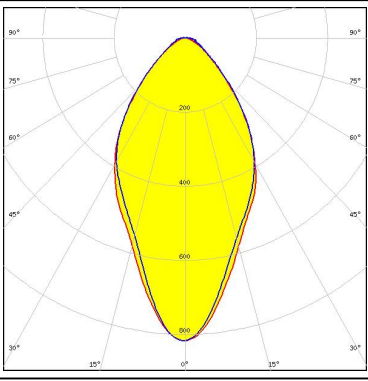


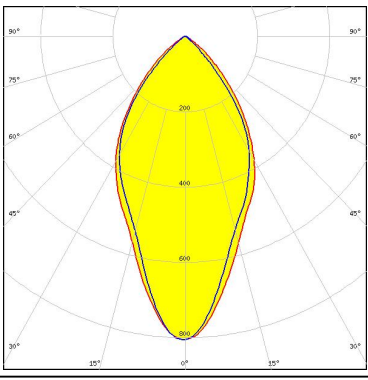


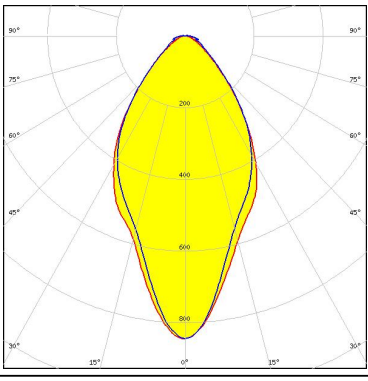

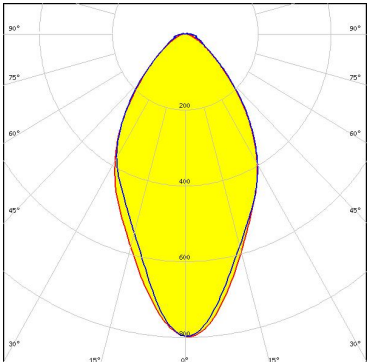
LED SEOUL 5630C
FWHM 58.0 + 54.0°
Efficiency 88 %
Peak intensity 0.830 cd/lm
Required components:
C14646_FLORENCE-3R-SHD-WHT



LED SEOUL 5630C
FWHM 57.0 + 53.0°
Efficiency 80 %
Peak intensity 0.810 cd/lm
Required components:
C14453_FLORENCE-3R-SHD-GR



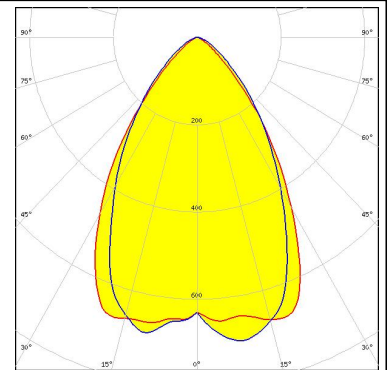
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630C</p> <p>FWHM 57.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.820 cd/lm</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630C</p> <p>FWHM 57.0 + 52.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 0.810 cd/lm</p> <p>Required components: C14592_FLORENCE-3R-SHD-BLK</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030</p> <p>FWHM 59.0 + 55.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.850 cd/lm</p> <p>Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G2 55mm 2000lm</p> <p>FWHM 58.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.800 cd/lm</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

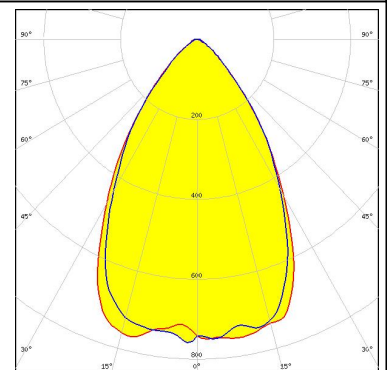
LG Innotek

LED LG 7030
FWHM 65.0°
Efficiency %
Peak intensity 0.810 cd/lm
Required components:



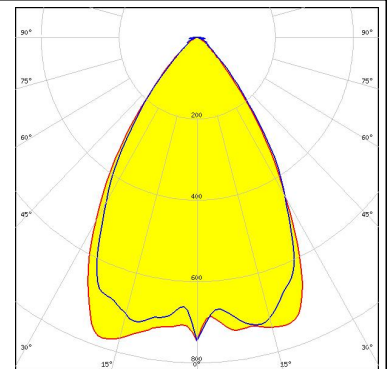
LUMILEDS

LED LUXEON 5050
FWHM 65.0°
Efficiency 94 %
Peak intensity 0.770 cd/lm
Required components:



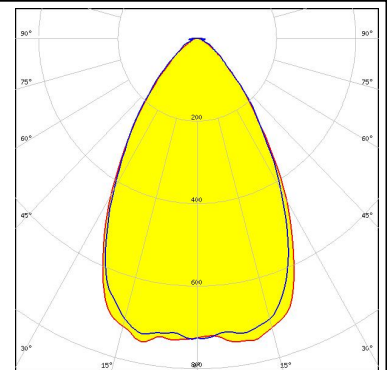
NICHIA

LED NF2x757G
FWHM 62.0°
Efficiency 91 %
Peak intensity 0.800 cd/lm
Required components:



NICHIA

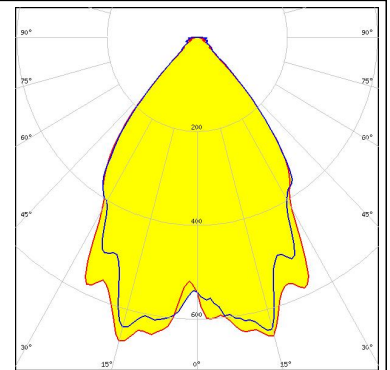
LED NFMW48xA
FWHM 64.0°
Efficiency 94 %
Peak intensity 0.760 cd/lm
Required components:



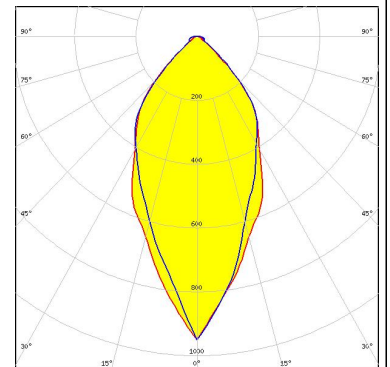
PHOTOMETRIC DATA (SIMULATED):



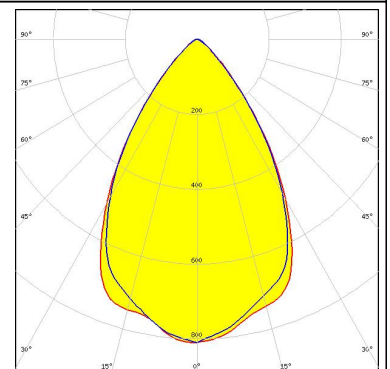
LED NVSxE21A
FWHM 70.0°
Efficiency 87 %
Peak intensity 0.680 cd/lm
Required components:



LED Duris E 2835
FWHM 50.0°
Efficiency 92 %
Peak intensity 0.950 cd/lm
Required components:

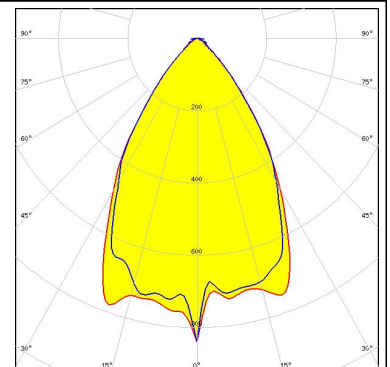


LED LM28xB Series
FWHM 66.0°
Efficiency 94 %
Peak intensity 0.810 cd/lm
Required components:




SEOUL SEMICONDUCTOR

LED SEOUL 5630D
FWHM 65.0°
Efficiency 91 %
Peak intensity 0.840 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z8Y22
FWHM	62.0°
Efficiency	93 %
Peak intensity	0.750 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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