

FLORENCE-Z60

~60° wide beam

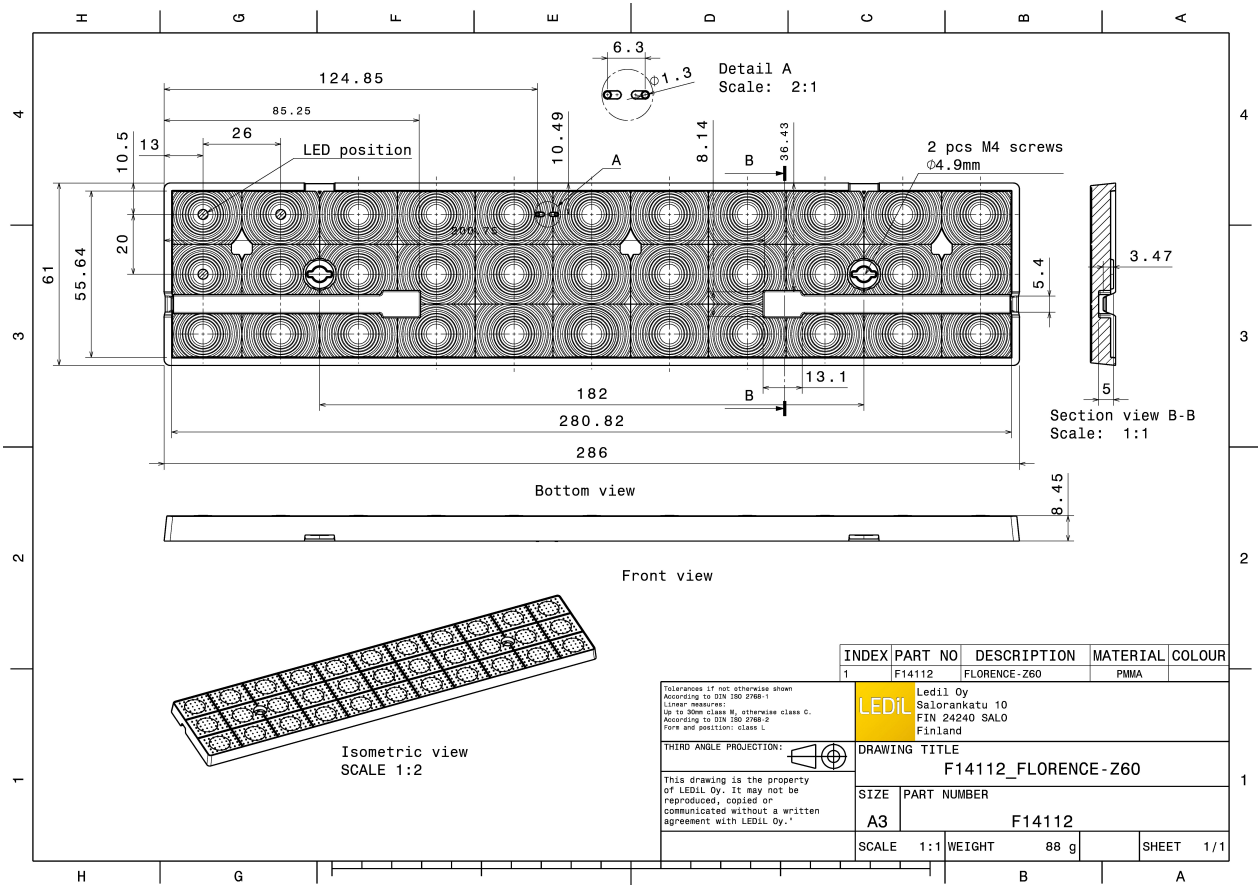
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| 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:

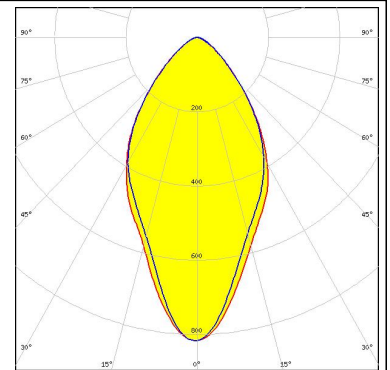
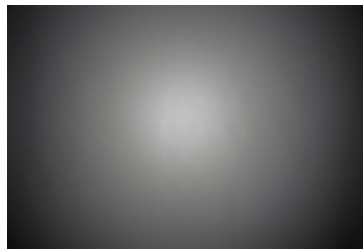
| Component | Type | Material | Colour |
|--------------|------|----------|--------|
| FLORENCE-Z60 | Lens | PMMA | clear |



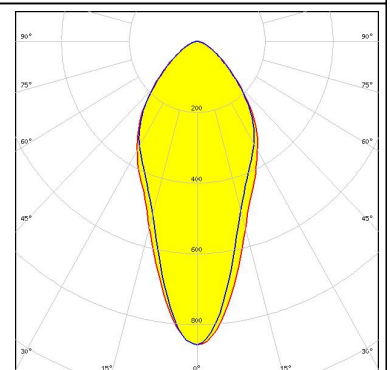
PHOTOMETRIC DATA (MEASURED):



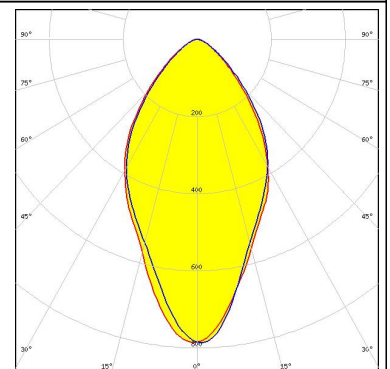
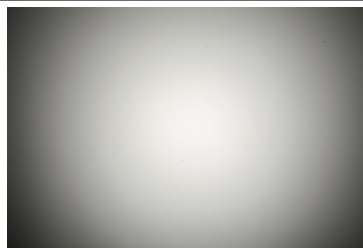
LED TRIDINO R3 8x0 1100 1ft HV
 FWHM 57.0°
 Efficiency 88 %
 Peak intensity 0.820 cd/lm
 Required components:



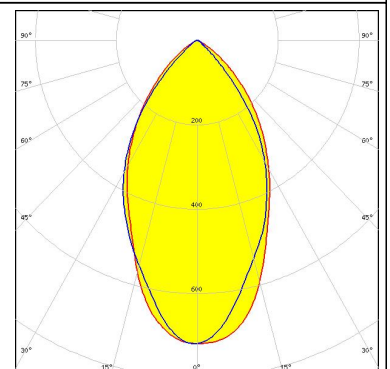
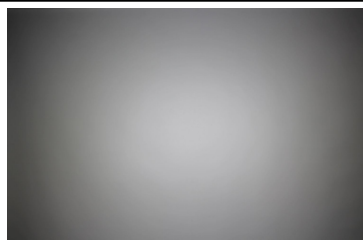
LED XH-B/G
 FWHM 43.0°
 Efficiency 87 %
 Peak intensity 0.860 cd/lm
 Required components:



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



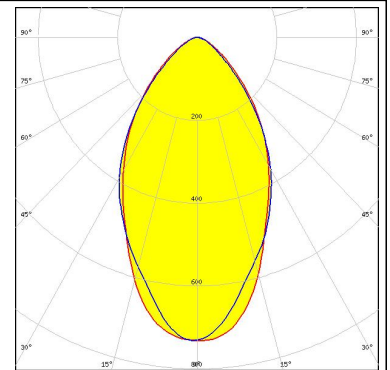
LED LG 6030
 FWHM 58.0°
 Efficiency 76 %
 Peak intensity 0.720 cd/lm
 Required components:
 C14592_FLORENCE-3R-SHD-BLK



PHOTOMETRIC DATA (MEASURED):

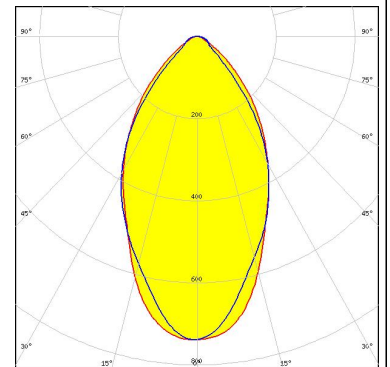
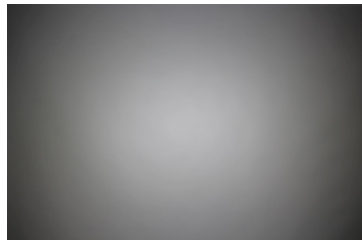
LG Innotek

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



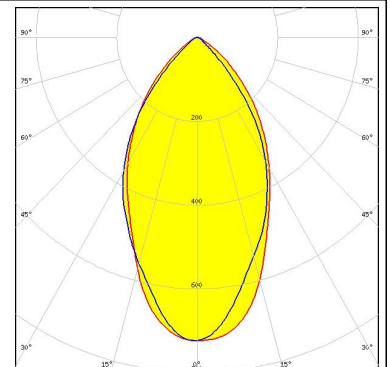
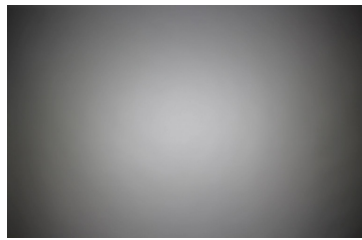
LG Innotek

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



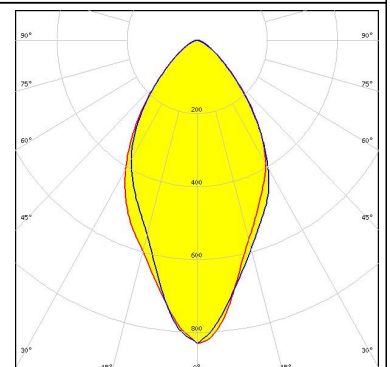
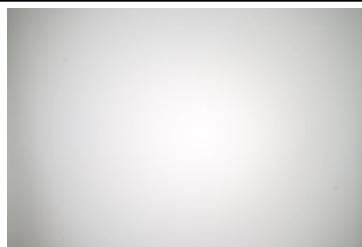
LG Innotek

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



LUMILEDS

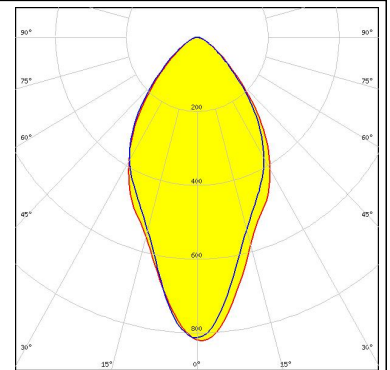
LED LUXEON 3030 2D (Round LES)
 FWHM 57.0°
 Efficiency 88 %
 Peak intensity 0.830 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

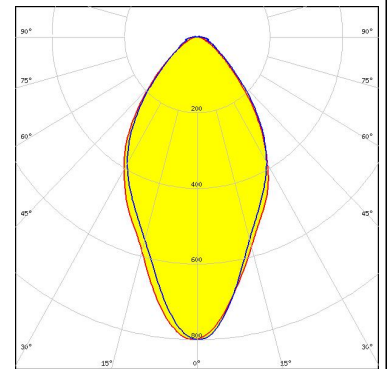
LUMILEDS

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



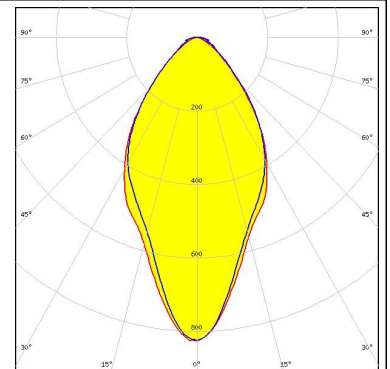
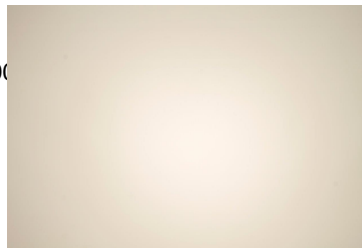
LUMILEDS

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



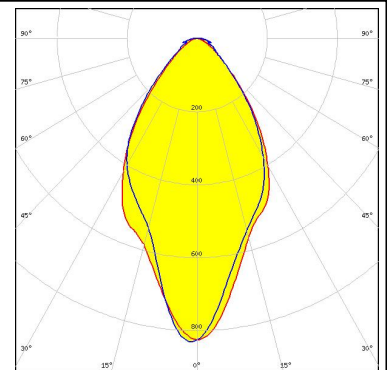
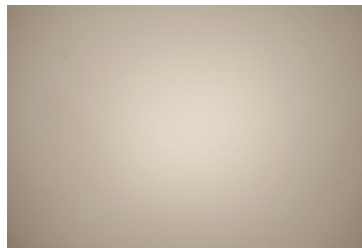
LUMILEDS

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



LUMINUS

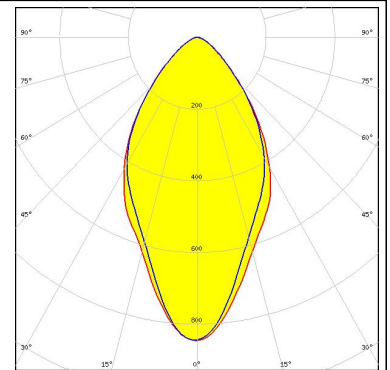
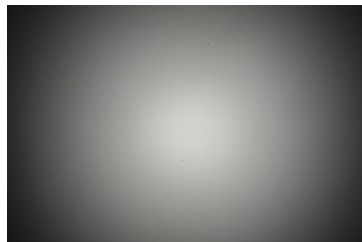
LED MP-2016
 FWHM 58.0°
 Efficiency 91 %
 Peak intensity 0.830 cd/lm
 Required components:



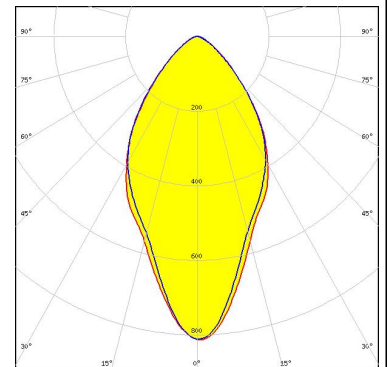
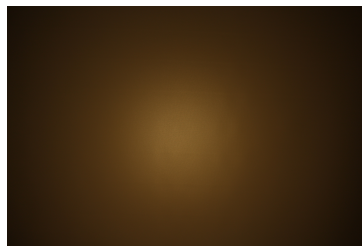
PHOTOMETRIC DATA (MEASURED):



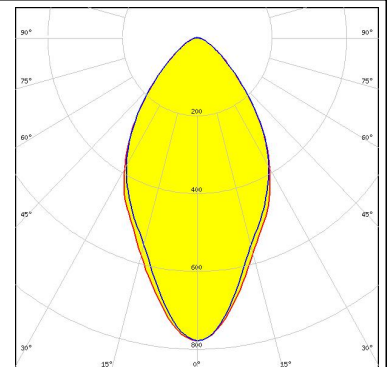
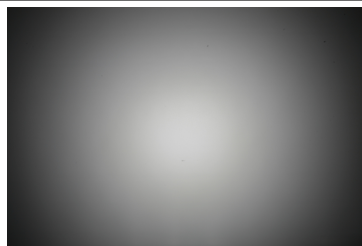
LED NF2x757D
 FWHM 58.0°
 Efficiency 92 %
 Peak intensity 0.847 cd/lm
 Required components:



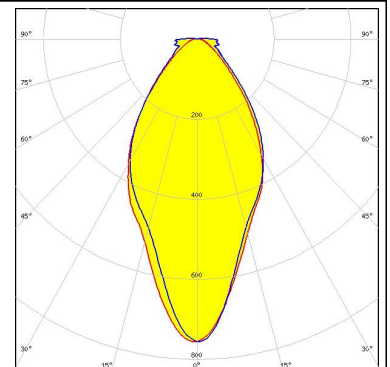
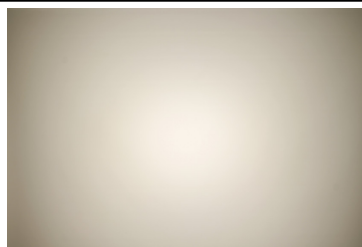
LED PLG2-BAR-1100-xxx-280x55-DC
 FWHM 57.0°
 Efficiency 88 %
 Peak intensity 0.810 cd/lm
 Required components:



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



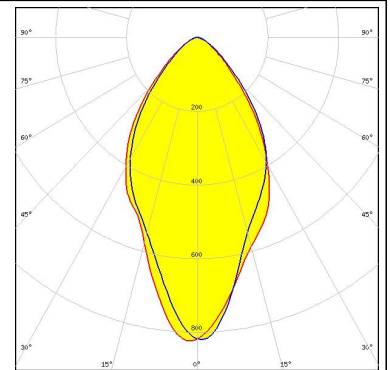
LED Duris S2
 FWHM 55.0°
 Efficiency 90 %
 Peak intensity 0.760 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

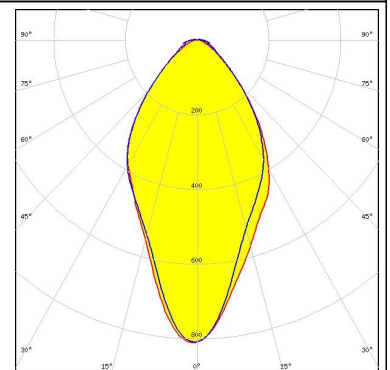
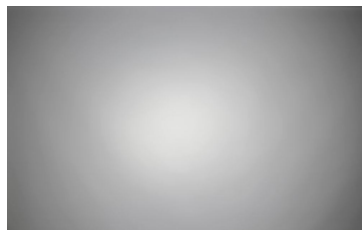
OSRAM
Opto Semiconductors

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



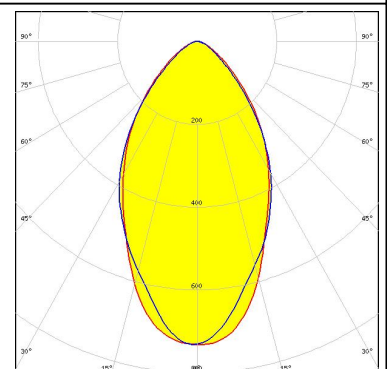
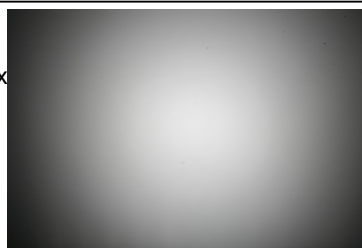
OSRAM
Opto Semiconductors

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



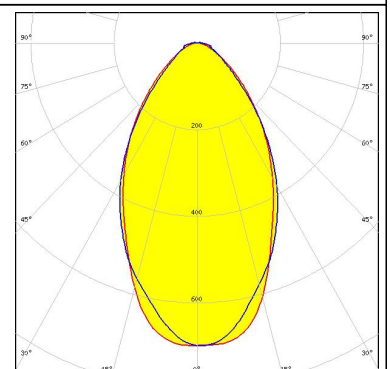
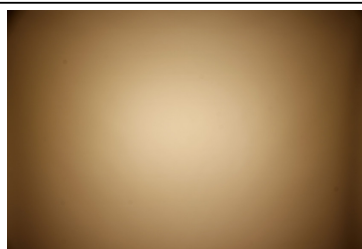
PHILIPS

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



PHILIPS

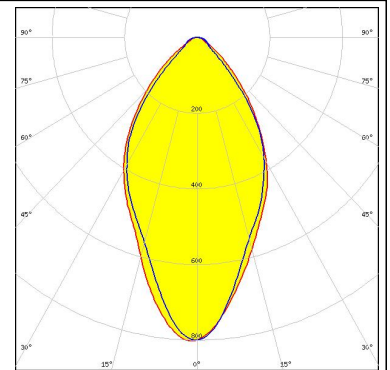
LED Fortimo LED Line 1ft 2000lm 8xx 3R HV2
FWHM 63.0°
Efficiency 93 %
Peak intensity 0.700 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

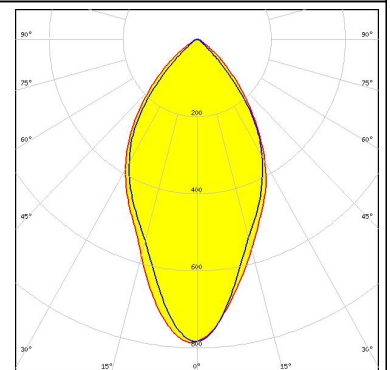
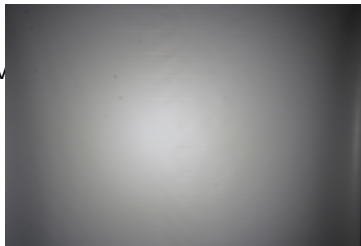
PHILIPS

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



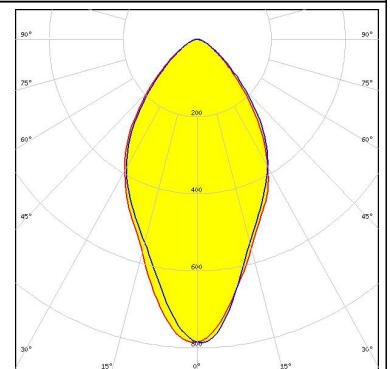
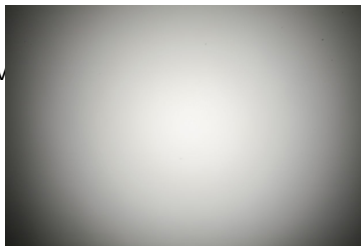
PHILIPS

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



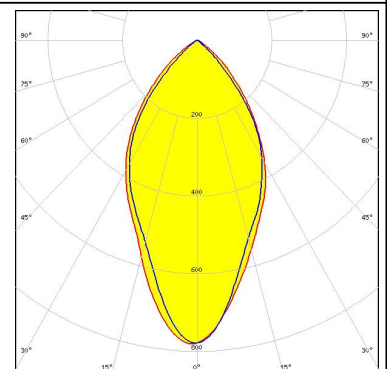
PHILIPS

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



PHILIPS

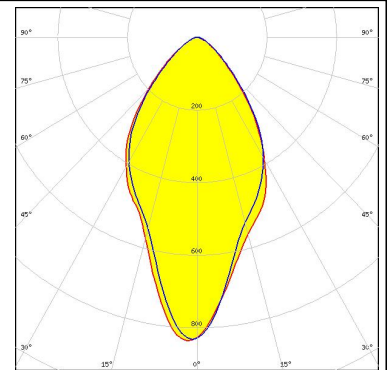
LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
 FWHM 56.0°
 Efficiency %
 Peak intensity cd/lm
 Required components:
 C14592_FLORENCE-3R-SHD-BLK



PHOTOMETRIC DATA (MEASURED):

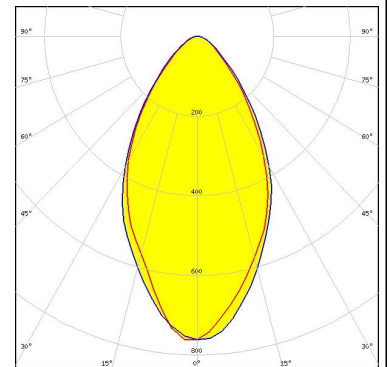
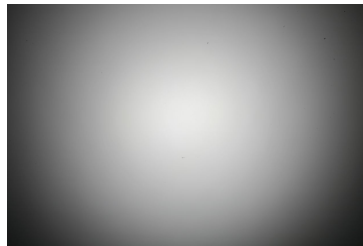
SAMSUNG

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



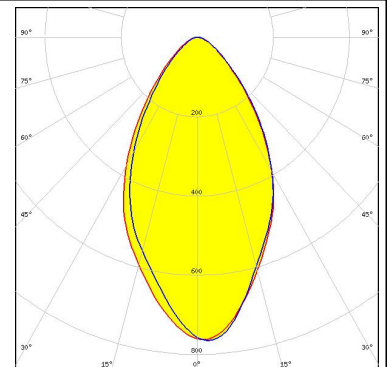
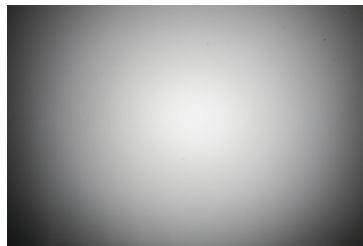
SAMSUNG

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



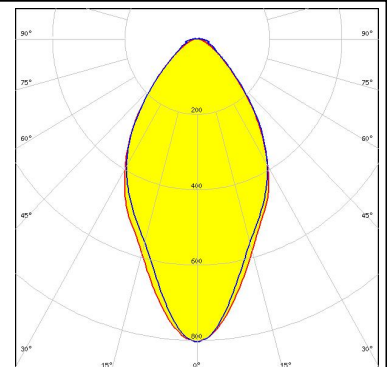
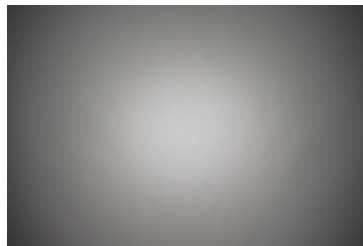
SAMSUNG

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



SAMSUNG

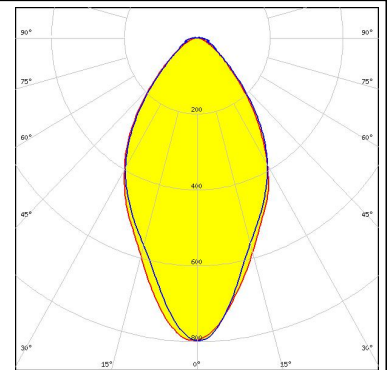
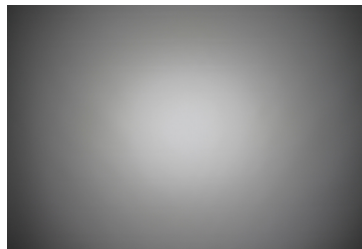
LED LM561B Plus
FWHM 59.0°
Efficiency 93 %
Peak intensity 0.800 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

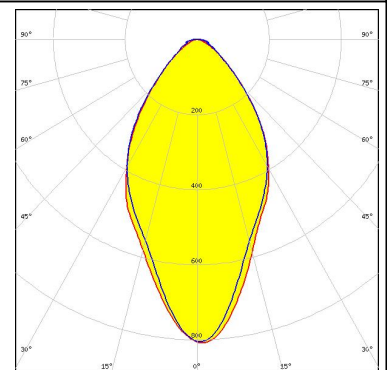
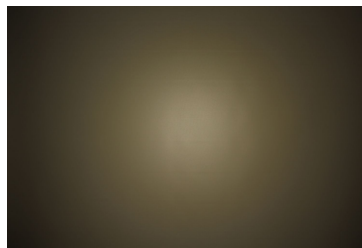
SAMSUNG

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

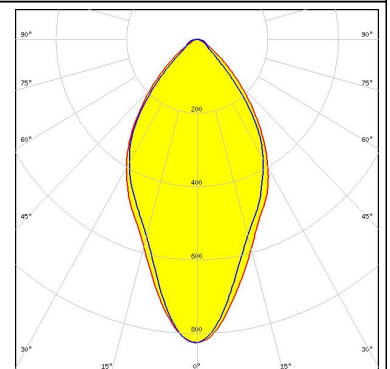
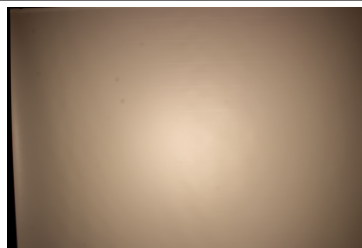


SAMSUNG

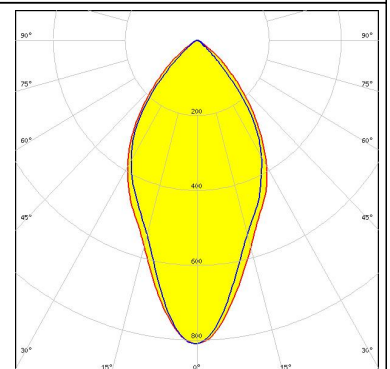
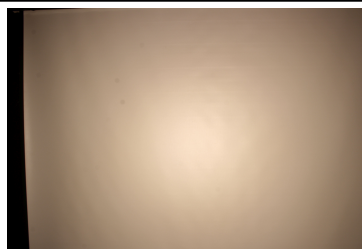
LED LT-R286A
 FWHM 58.0°
 Efficiency 93 %
 Peak intensity 0.810 cd/lm
 Required components:





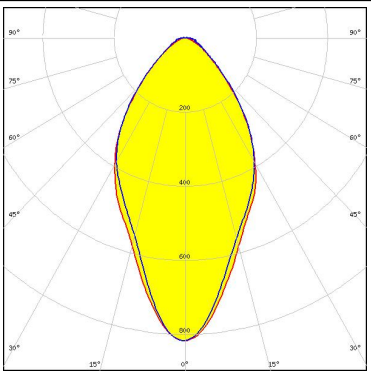


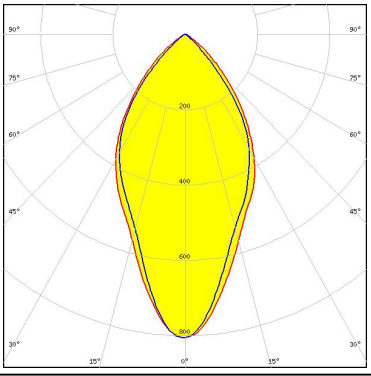


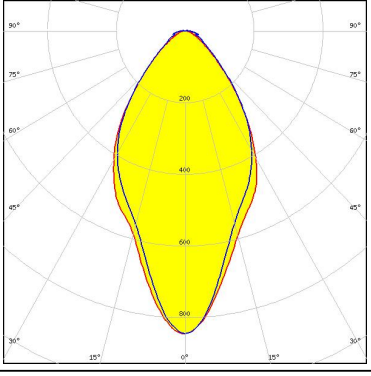

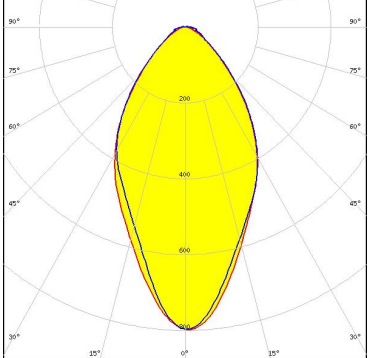
LED SEOUL 5630C
 FWHM 58.0 + 54.0°
 Efficiency 88 %
 Peak intensity 0.830 cd/lm
 Required components:
 C14646_FLORENCE-3R-SHD-WHT



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



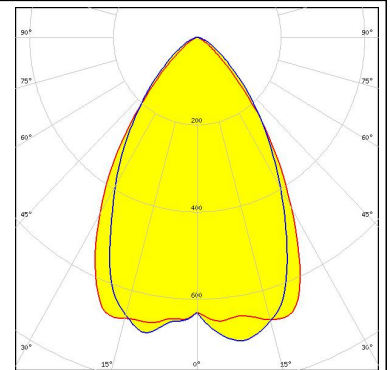
PHOTOMETRIC DATA (MEASURED):

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

PHOTOMETRIC DATA (SIMULATED):

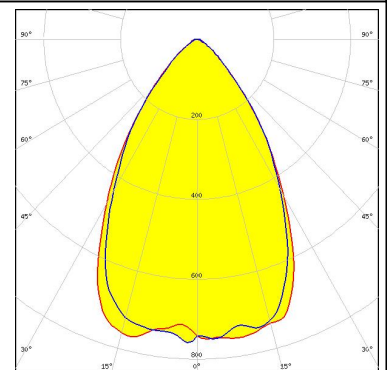
LG Innotek

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



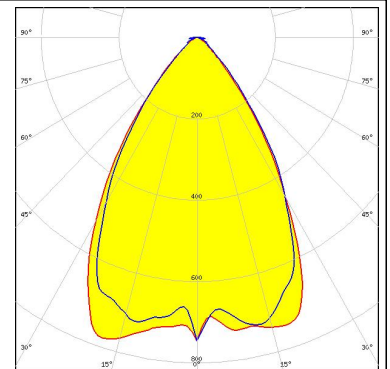
LUMILEDS

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



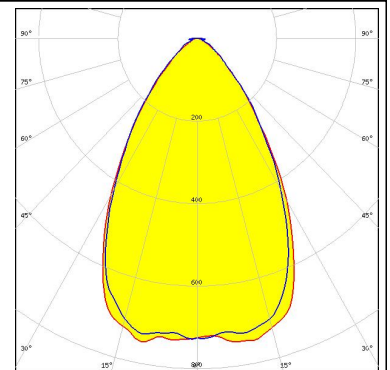
NICHIA

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



NICHIA

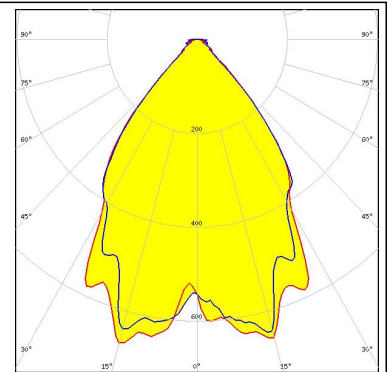
LED NFMW48xA
FWHM 64.0°
Efficiency 94 %
Peak intensity 0.760 cd/lm
Required components:



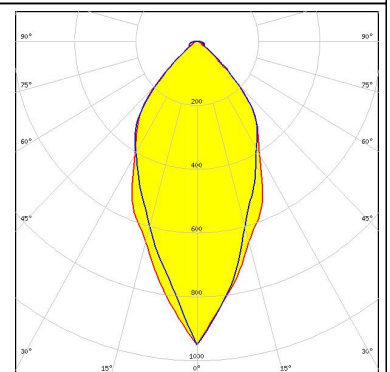
PHOTOMETRIC DATA (SIMULATED):



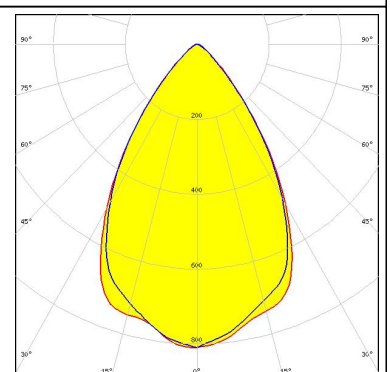
LED NVSxE21A
FWHM 70.0°
Efficiency 87 %
Peak intensity 0.680 cd/lm
Required components:



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

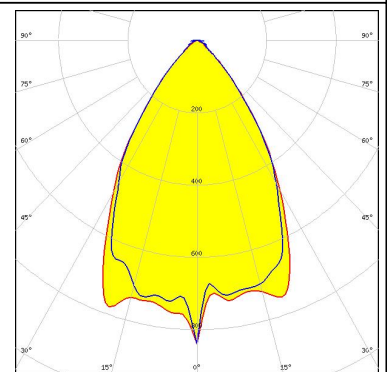


LED LM28xB Series
FWHM 66.0°
Efficiency 94 %
Peak intensity 0.810 cd/lm
Required components:




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:

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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