

FLORENCE-Z30

~30° medium beam

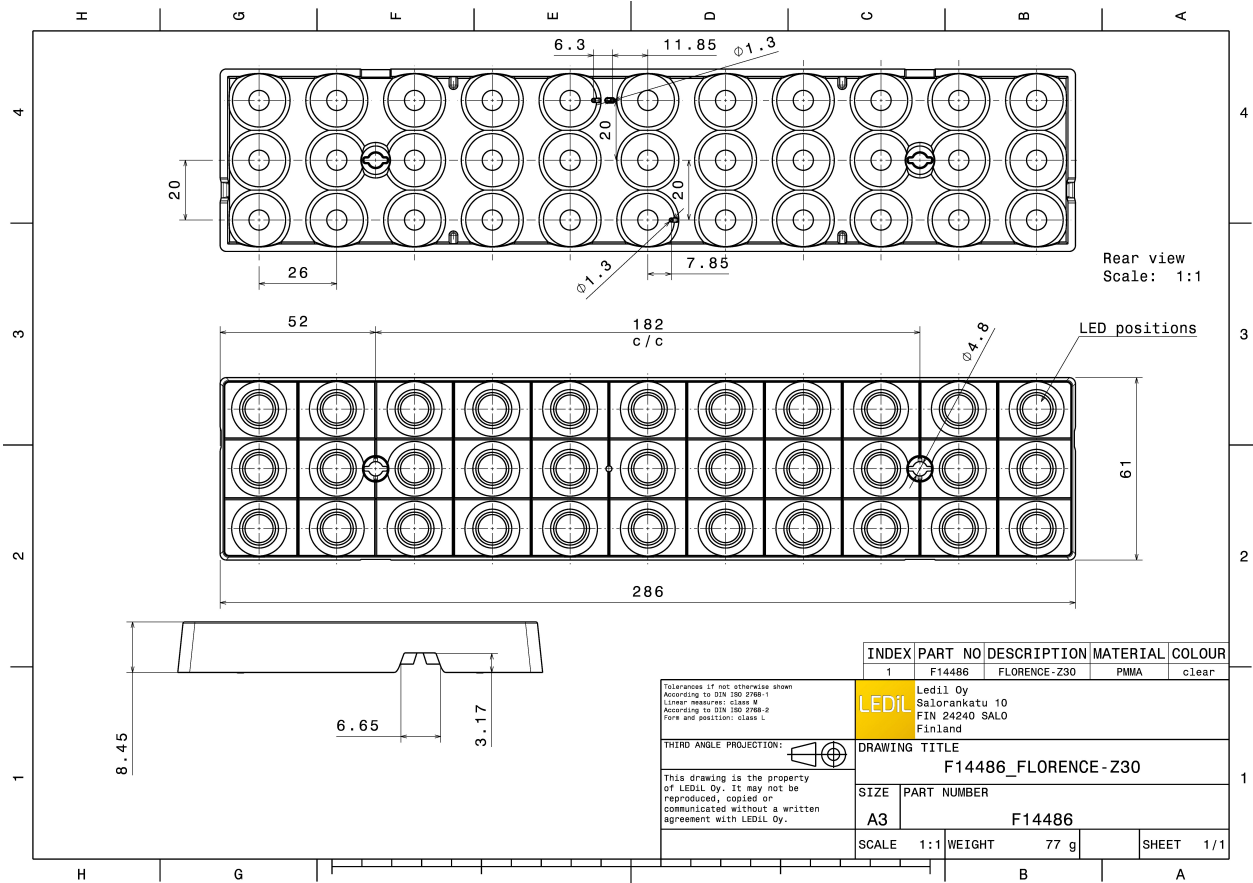
TECHNICAL SPECIFICATIONS:

Dimensions	286.0 x 61.0 mm
Height	8.5 mm
Fastening	glue
Colour	clear
Box size	398 x 298 x 140 mm
Box weight	7.1 kg
Quantity in Box	72 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

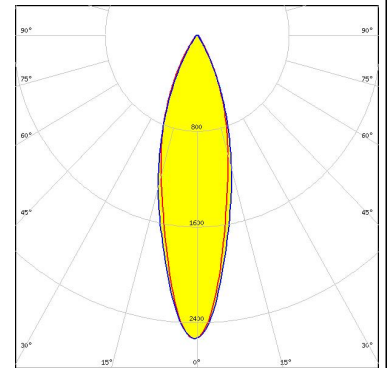
Component	Type	Material	Colour
FLORENCE-Z30	Lens array	PMMA	clear



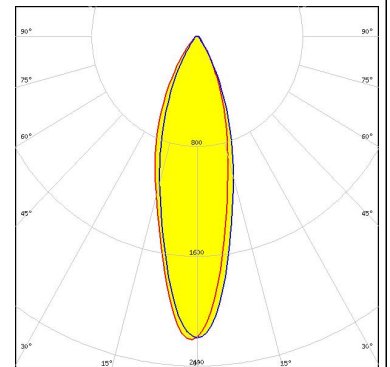
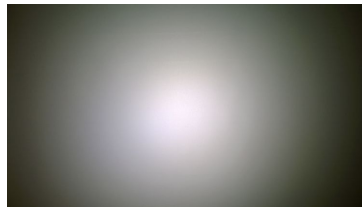
PHOTOMETRIC DATA (MEASURED):



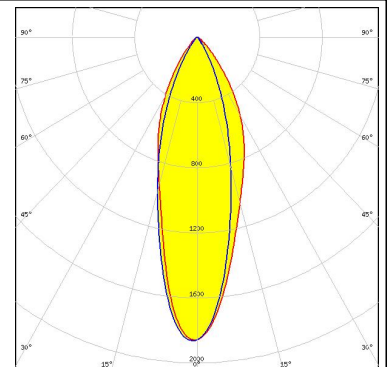
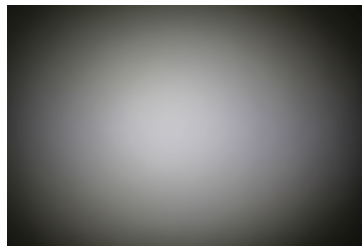
LED TRIDINO R3 8x0 1100 1ft HV
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 2.500 cd/lm
 Required components:



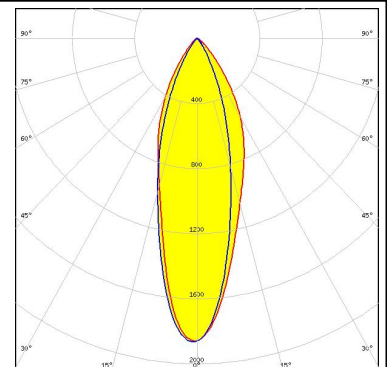
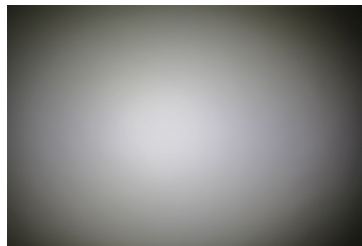
LED LG 5630
 FWHM 29.0°
 Efficiency 94 %
 Peak intensity 2.200 cd/lm
 Required components:



LED LG 6030
 FWHM 31.0°
 Efficiency 85 %
 Peak intensity 1.870 cd/lm
 Required components:
 C14453_FLORENCE-3R-SHD-GR



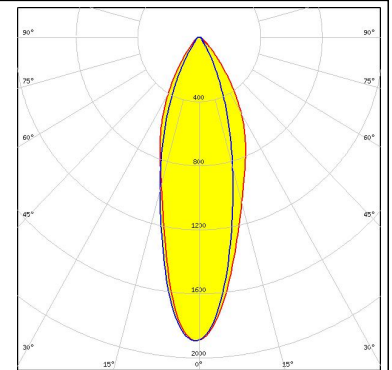
LED LG 6030
 FWHM 31.0°
 Efficiency 83 %
 Peak intensity 1.900 cd/lm
 Required components:
 C14592_FLORENCE-3R-SHD-BLK



PHOTOMETRIC DATA (MEASURED):

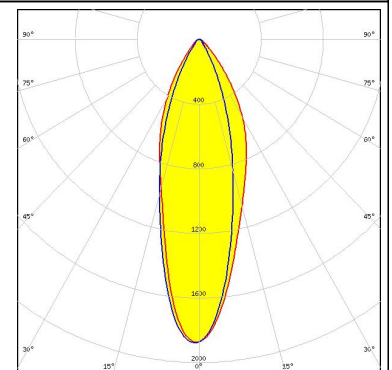
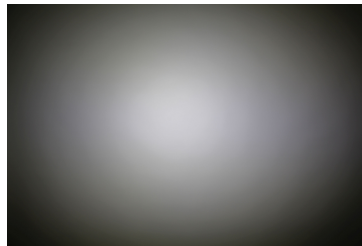
LG Innotek

LED LG 6030
 FWHM 31.0°
 Efficiency 92 %
 Peak intensity 1.900 cd/lm
 Required components:



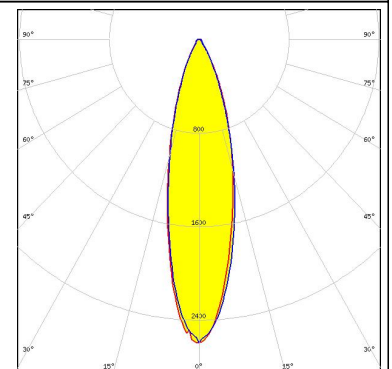
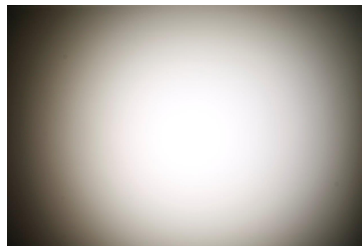
LG Innotek

LED LG 6030
 FWHM 31.0°
 Efficiency 89 %
 Peak intensity 1.880 cd/lm
 Required components:
 C14646_FLORENCE-3R-SHD-WHT



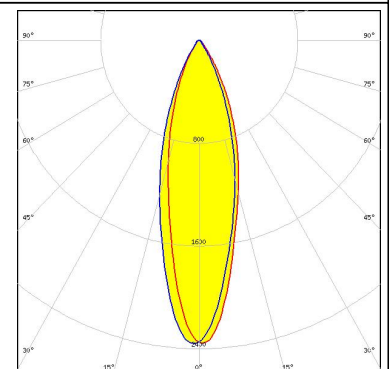
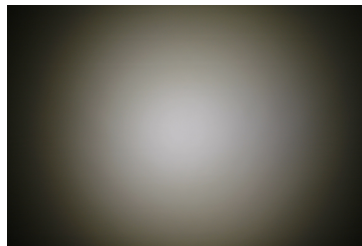
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM 26.0°
 Efficiency 87 %
 Peak intensity 2.600 cd/lm
 Required components:



LUMILEDS

LED LUXEON 3535L HE
 FWHM 29.0°
 Efficiency 93 %
 Peak intensity 2.370 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):



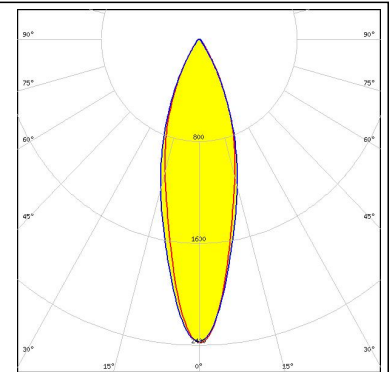
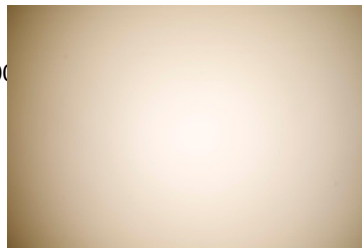
LED LUXEON XR-3535L (L202 - xxxx033C3000)

FWHM 27.0°

Efficiency 93 %

Peak intensity 2.400 cd/lm

Required components:



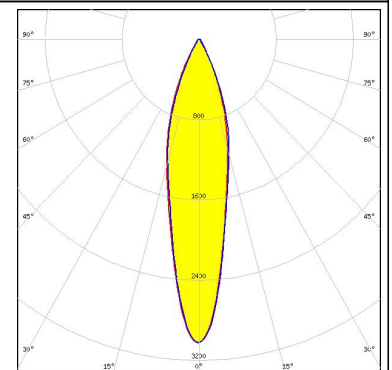
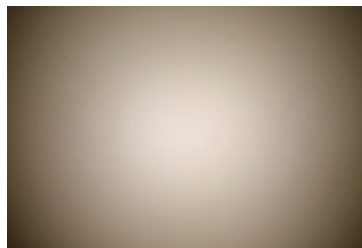
LED MP-2016

FWHM 24.0°

Efficiency 92 %

Peak intensity 3.000 cd/lm

Required components:



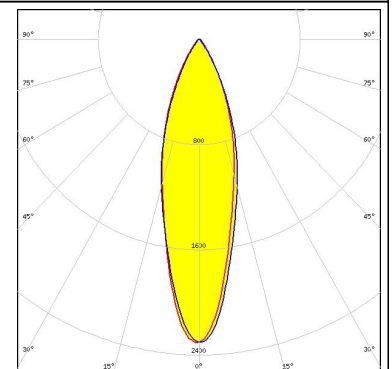
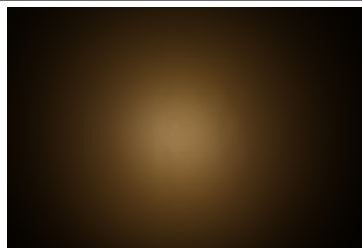
LED PLG2-BAR-1100-xxx-280x55-DC

FWHM 29.0°

Efficiency 91 %

Peak intensity 2.310 cd/lm

Required components:



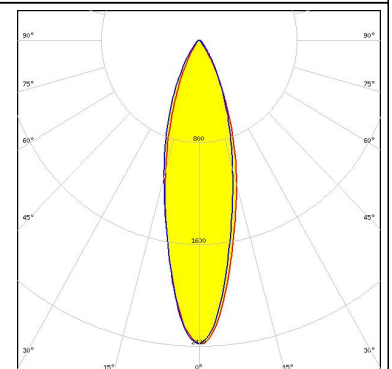
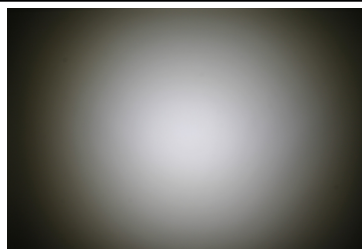
LED Duris E5

FWHM 28.0°

Efficiency 91 %

Peak intensity 2.400 cd/lm

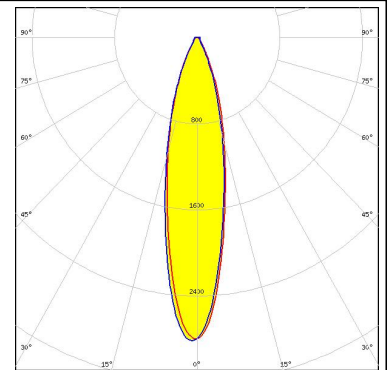
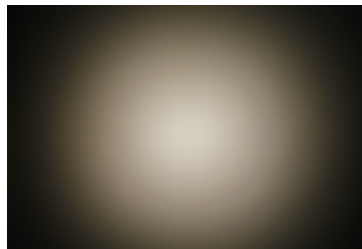
Required components:



PHOTOMETRIC DATA (MEASURED):

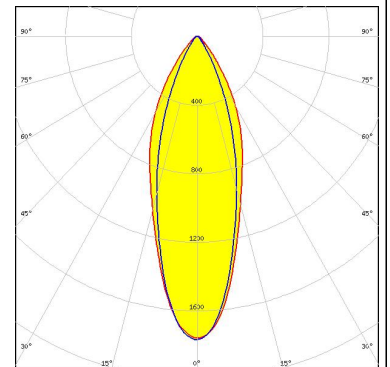
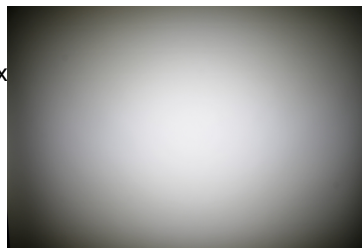
OSRAM
Opto Semiconductors

LED Duris S2
FWHM 23.0°
Efficiency 90 %
Peak intensity 2.820 cd/lm
Required components:



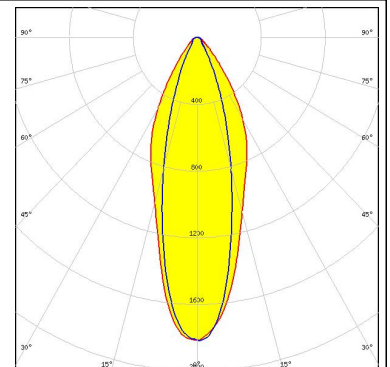
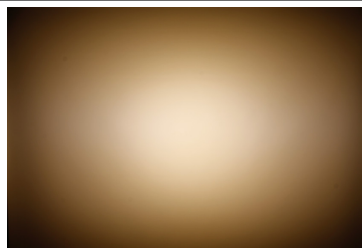
PHILIPS

LED Fortimo LED Line 1ft 1100lm xx0 3R xV2/xV
FWHM 34.0°
Efficiency 90 %
Peak intensity 1.770 cd/lm
Required components:



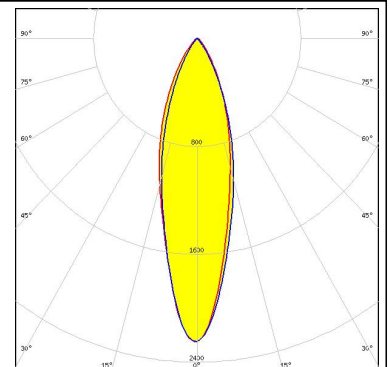
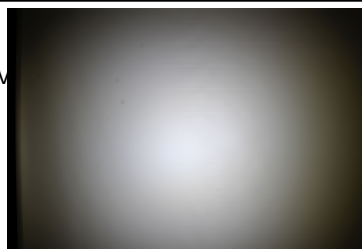
PHILIPS

LED Fortimo LED Line 1ft 2000lm 8xx 3R HV2
FWHM 32.0°
Efficiency 92 %
Peak intensity 1.800 cd/lm
Required components:



PHILIPS

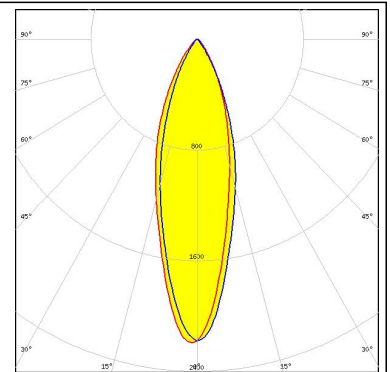
LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
FWHM 28.0°
Efficiency 86 %
Peak intensity 2.200 cd/lm
Required components:
C14592_FLORENCE-3R-SHD-BLK



PHOTOMETRIC DATA (MEASURED):

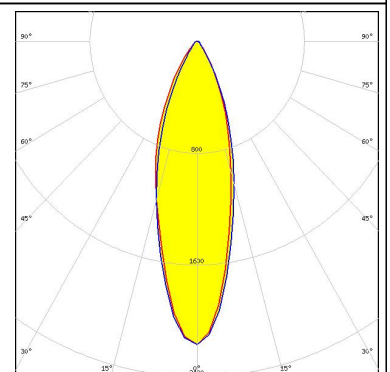
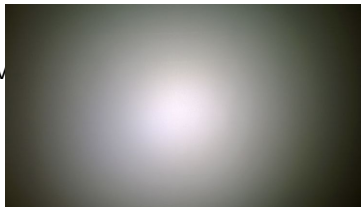
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
 FWHM 30.0°
 Efficiency 92 %
 Peak intensity 2.200 cd/lm
 Required components:
 C14646_FLORENCE-3R-SHD-WHT



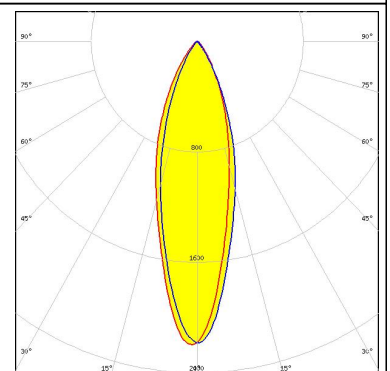
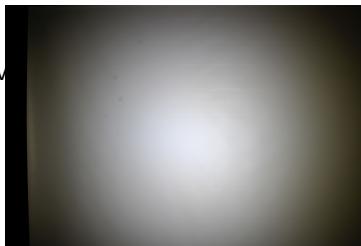
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
 FWHM 29.0°
 Efficiency 94 %
 Peak intensity 2.200 cd/lm
 Required components:



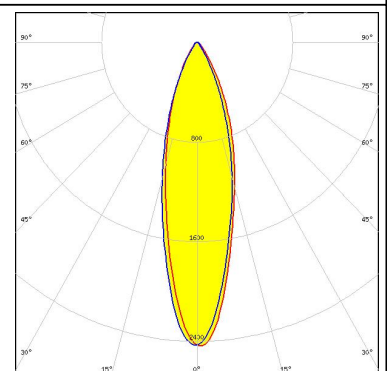
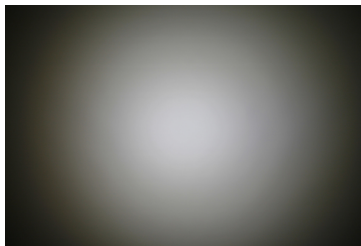
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
 FWHM 30.0°
 Efficiency 87 %
 Peak intensity 2.200 cd/lm
 Required components:
 C14453_FLORENCE-3R-SHD-GR



SAMSUNG

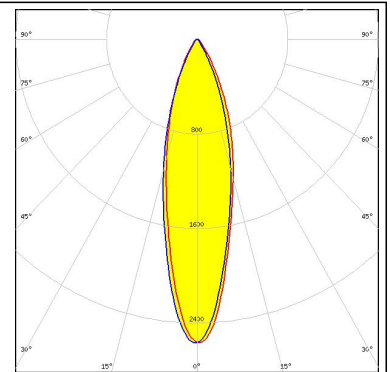
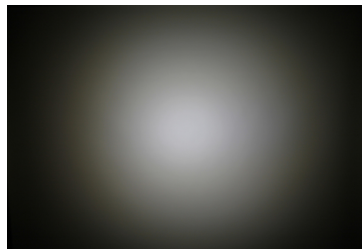
LED LM561B
 FWHM 28.0°
 Efficiency 93 %
 Peak intensity 2.440 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

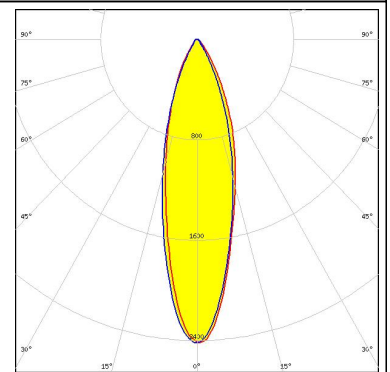
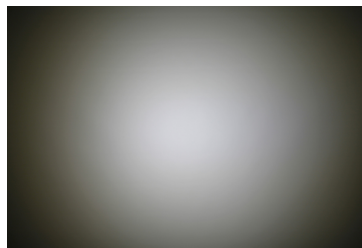
SAMSUNG

LED LM561B Plus
FWHM 27.0°
Efficiency 93 %
Peak intensity 2.570 cd/lm
Required components:



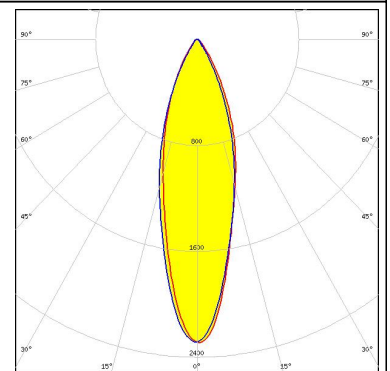
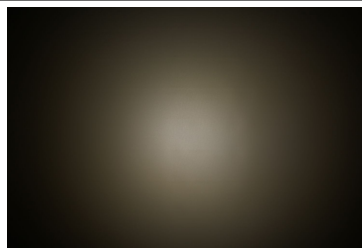
SAMSUNG

LED LM561C
FWHM 28.0°
Efficiency 93 %
Peak intensity 2.420 cd/lm
Required components:



SAMSUNG

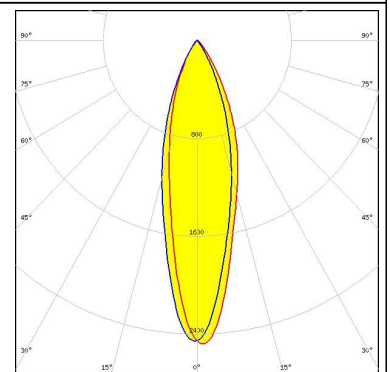
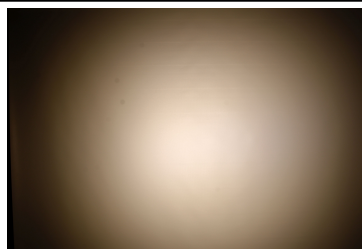
LED LT-R286A
FWHM 29.0°
Efficiency 94 %
Peak intensity 2.300 cd/lm
Required components:





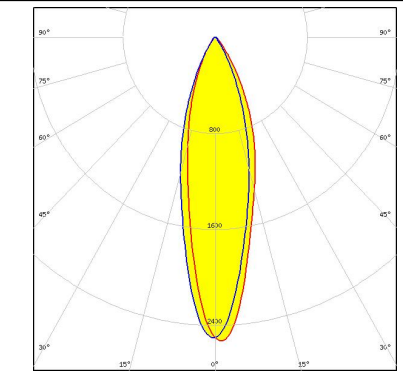


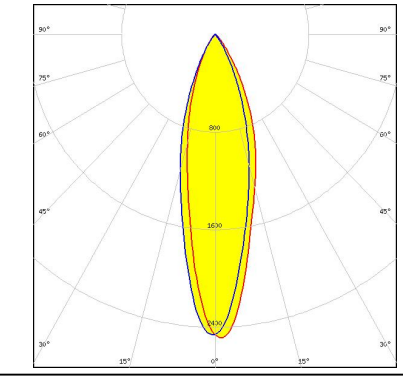


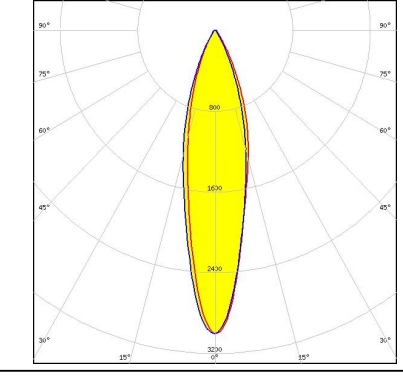

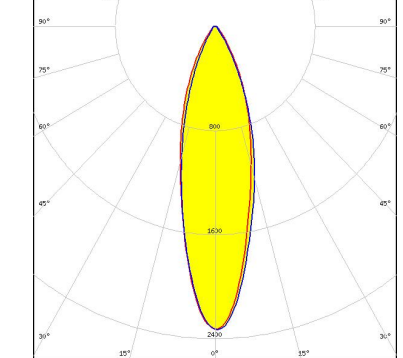
SEOUL SEMICONDUCTOR

LED SEOUL 5630C
FWHM 27.0°
Efficiency 88 %
Peak intensity 2.500 cd/lm
Required components:

C14453_FLORENCE-3R-SHD-GR



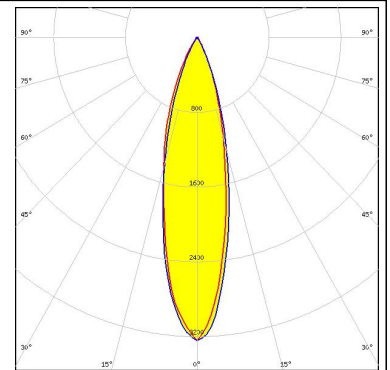
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630C FWHM 27.0° Efficiency 94 % Peak intensity 2.500 cd/lm Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630C FWHM 27.0° Efficiency 87 % Peak intensity 2.500 cd/lm Required components: C14592_FLORENCE-3R-SHD-BLK</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030 FWHM 23.0° Efficiency 94 % Peak intensity 3.000 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G2 55mm 2000lm FWHM 29.0° Efficiency 94 % Peak intensity 2.300 cd/lm Required components:</p>		

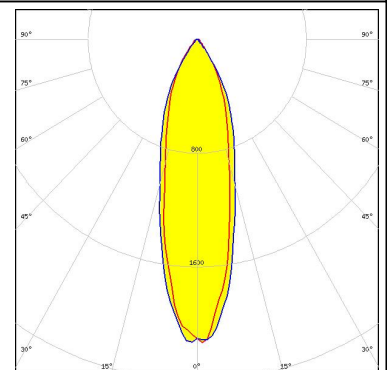
PHOTOMETRIC DATA (SIMULATED):



LED NF2x757G
FWHM 25.0°
Efficiency 90 %
Peak intensity 3.200 cd/lm
Required components:

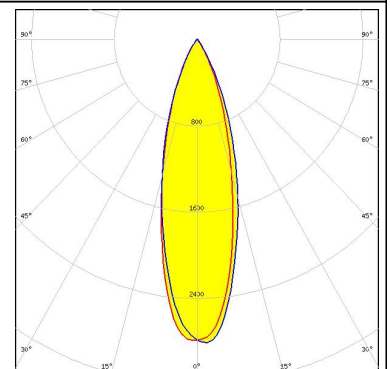


LED NFMW48xA
FWHM 27.0°
Efficiency 91 %
Peak intensity 2.200 cd/lm
Required components:



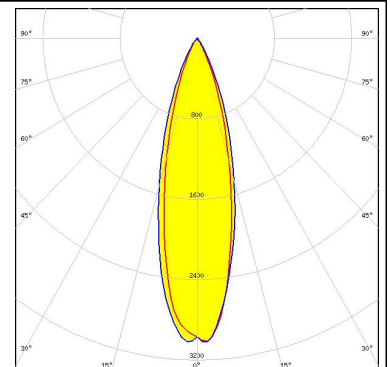
Opto Semiconductors

LED Duris E 2835
FWHM 29.0°
Efficiency 94 %
Peak intensity 2.800 cd/lm
Required components:



SEOUL SEMICONDUCTOR

LED SEOUL 5630D
FWHM 29.0°
Efficiency 90 %
Peak intensity 3.100 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

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