

FLORENCE-Z30

~30° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions	286.0 x 61.0 mm
Height	8.5 mm
Fastening	glue
ROHS compliant	yes ⓘ

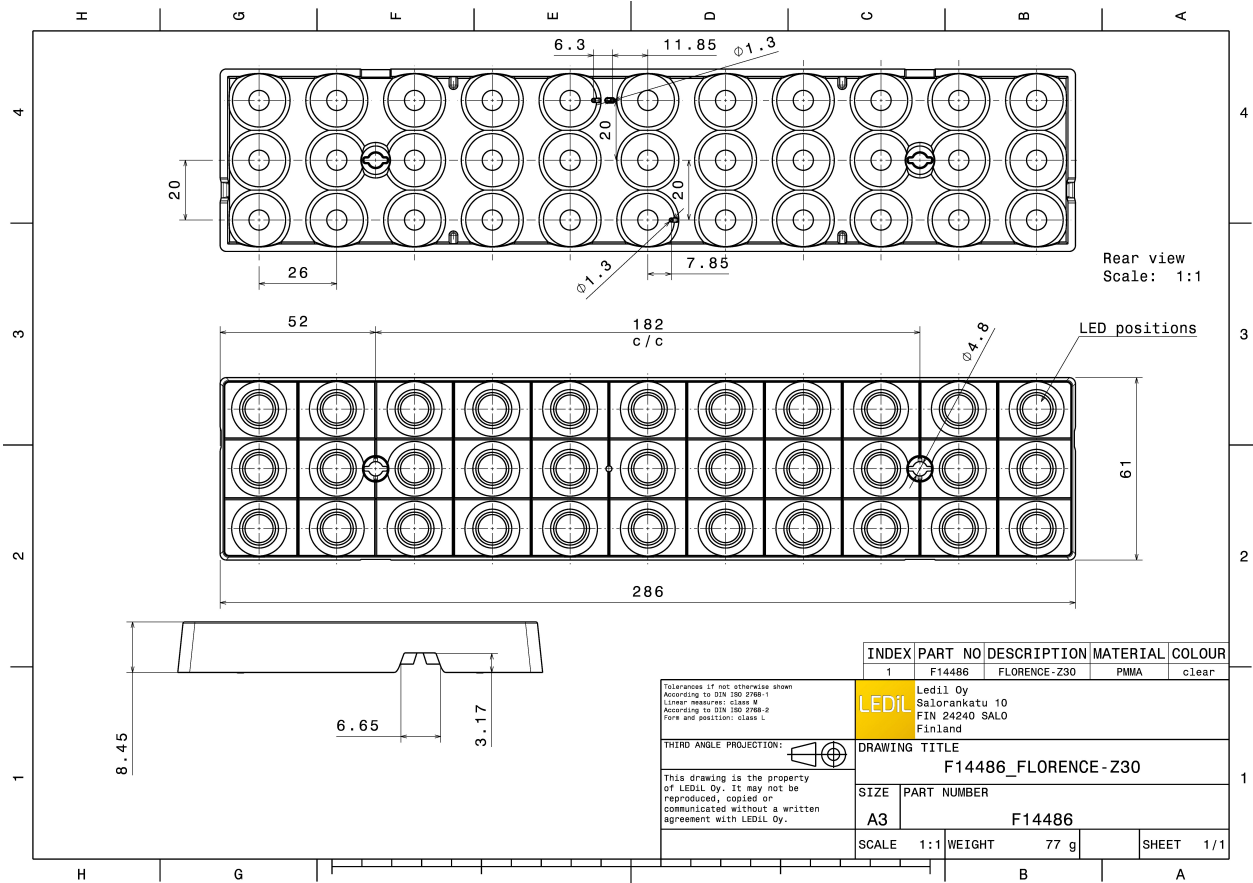
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
FLORENCE-Z30	Linear lens	PMMA	clear	


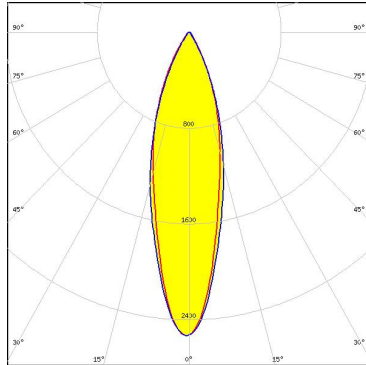
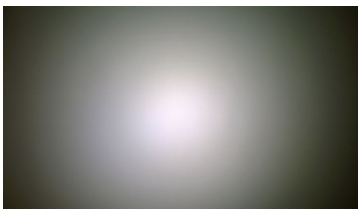
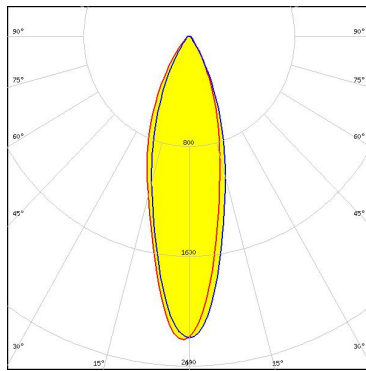

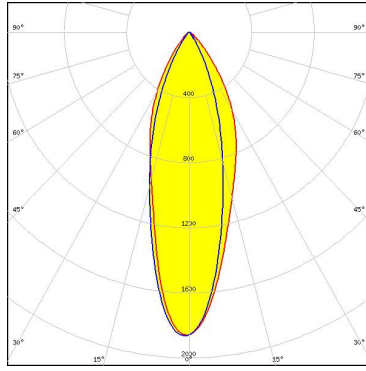
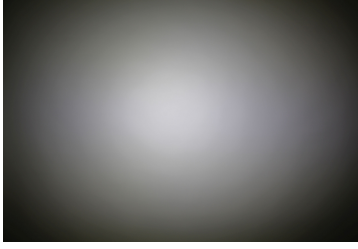
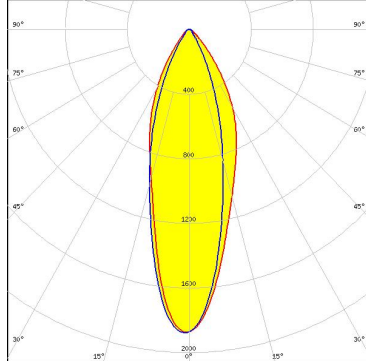


ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14486_FLORENCE-Z30 » Box size: 398 x 298 x 140 mm	72	72	6	7.1



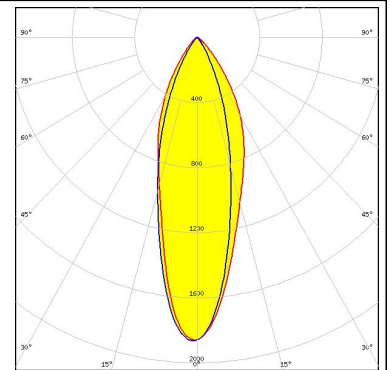
PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED TRIDINO R3 8x0 1100 1ft HV FWHM 28.0° Efficiency 91 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LG Innotek</p> <p>LED LG 5630 FWHM 29.0° Efficiency 94 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LG Innotek</p> <p>LED LG 6030 FWHM 31.0° Efficiency 85 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: C14453_FLORENCE-3R-SHD-GR</p>		
<p>LG Innotek</p> <p>LED LG 6030 FWHM 31.0° Efficiency 89 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: C14646_FLORENCE-3R-SHD-WHT</p>		

PHOTOMETRIC DATA (MEASURED):

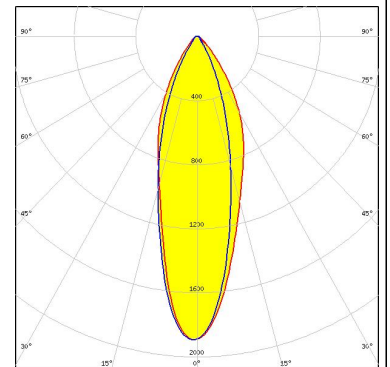
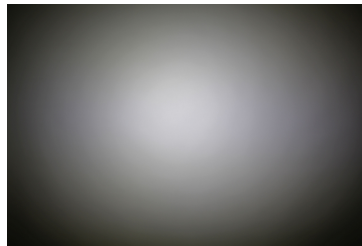
LG Innotek

LED LG 6030
 FWHM 31.0°
 Efficiency 83 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14592_FLORENCE-3R-SHD-BLK



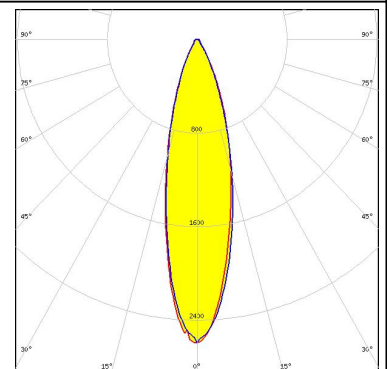
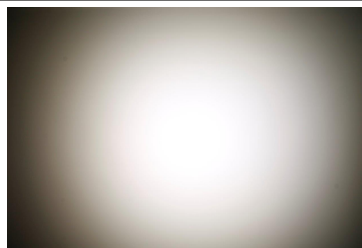
LG Innotek

LED LG 6030
 FWHM 31.0°
 Efficiency 92 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



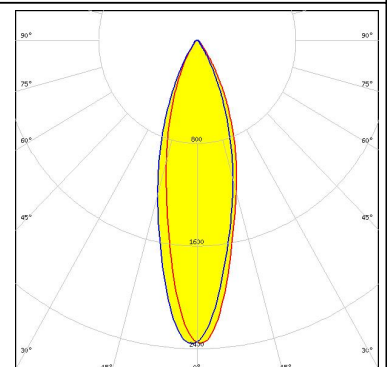
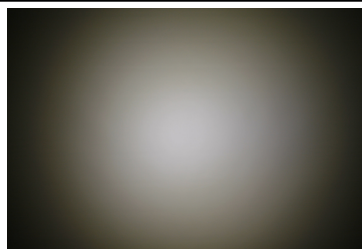
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM 26.0°
 Efficiency 87 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

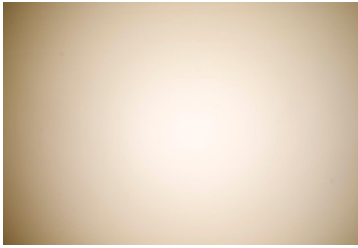
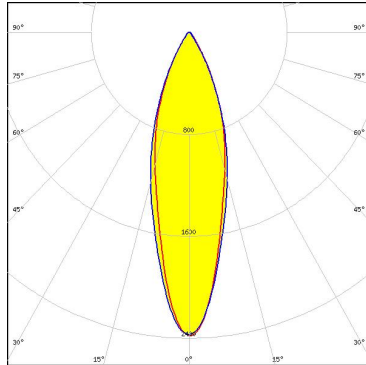
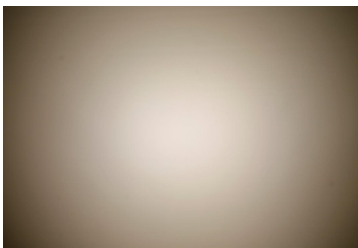
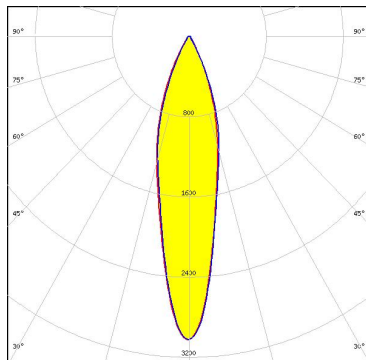

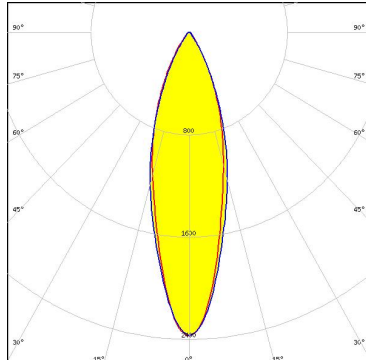
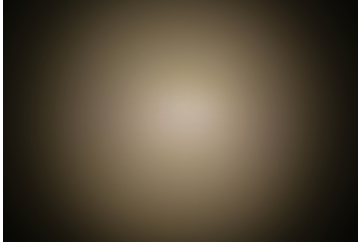
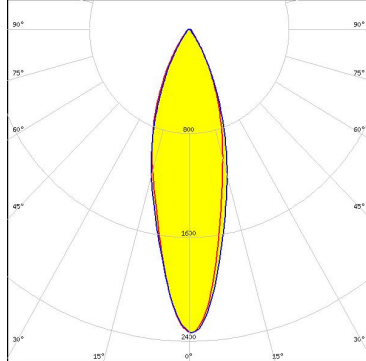


LUMILEDS

LED LUXEON 3535L HE
 FWHM 29.0°
 Efficiency 93 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



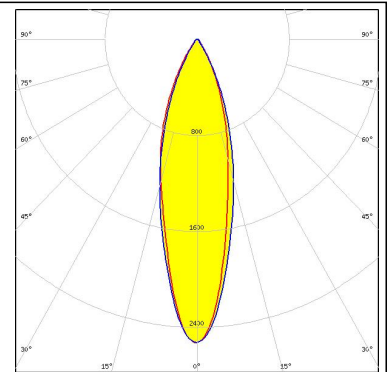
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON XR-3535L (L202 - xxx033C30001)</p> <p>FWHM 27.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMINUS</p> <p>LED MP-2016</p> <p>FWHM 24.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NFSW757H</p> <p>FWHM 29.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14646_FLORENCE-3R-SHD-WHT</p>		
<p>NICHIA</p> <p>LED NFSW757H</p> <p>FWHM 29.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

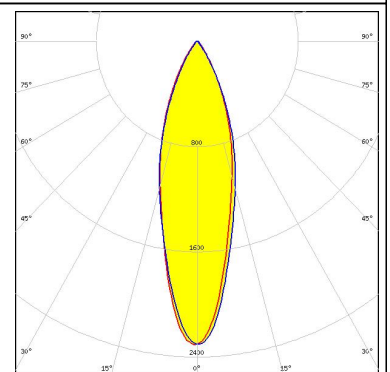
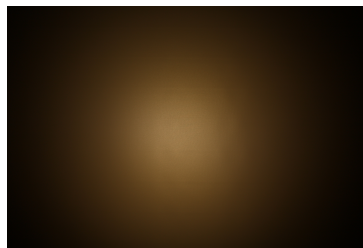
OSRAM

LED PL-BAR-G3 1100 280x55
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

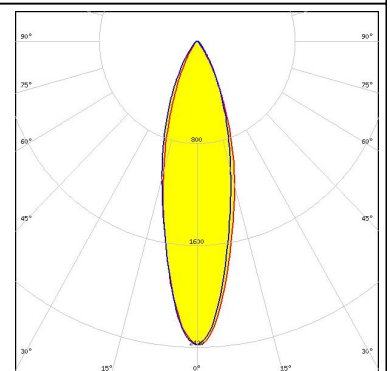
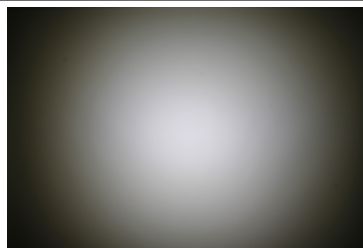
LED PLG2-BAR-1100-xxx-280x55-DC
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

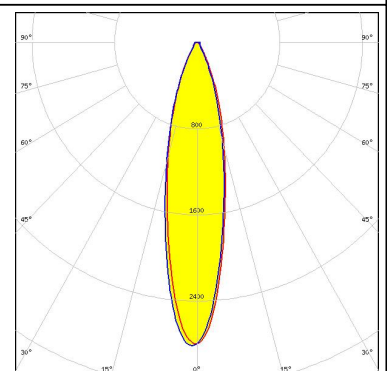
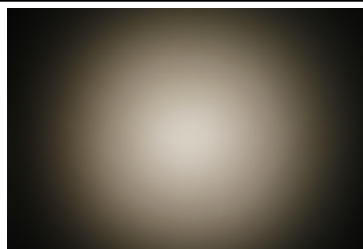
LED Duris E5
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

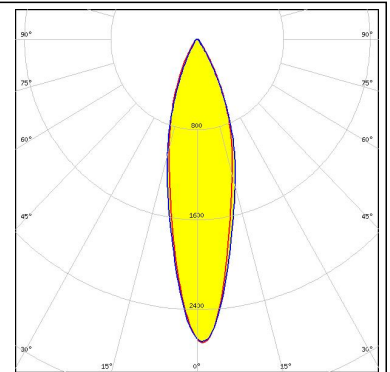
LED Duris S2
 FWHM 23.0°
 Efficiency 90 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

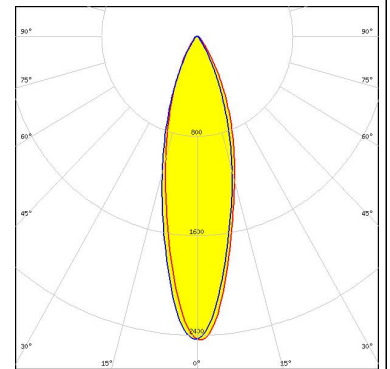
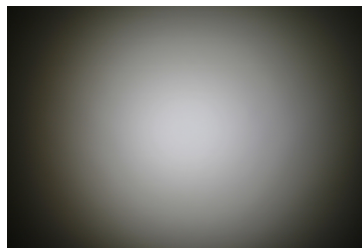
PHILIPS

LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM 26.0°
 Efficiency 94 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



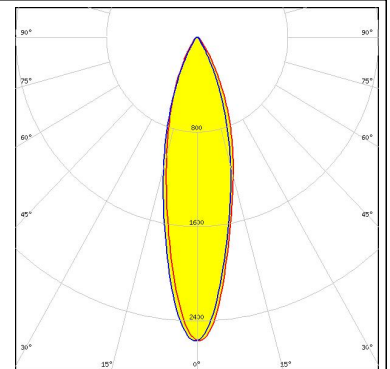
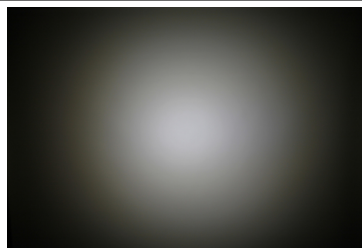
SAMSUNG

LED LM561B
 FWHM 28.0°
 Efficiency 93 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



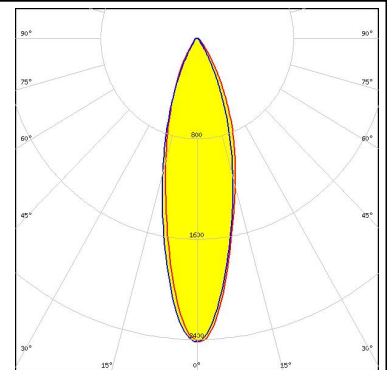
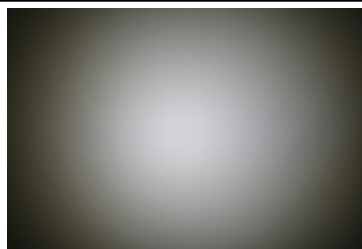
SAMSUNG

LED LM561B Plus
 FWHM 27.0°
 Efficiency 93 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

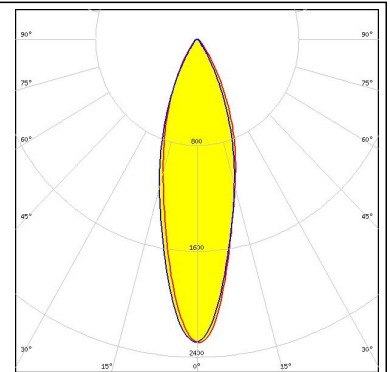
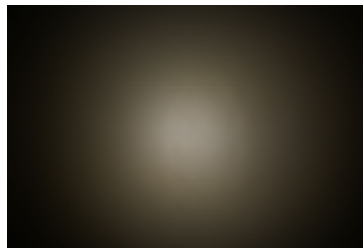
LED LM561C
 FWHM 28.0°
 Efficiency 93 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

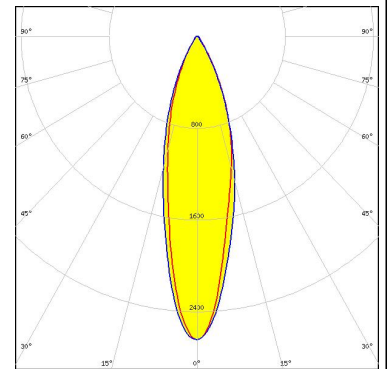
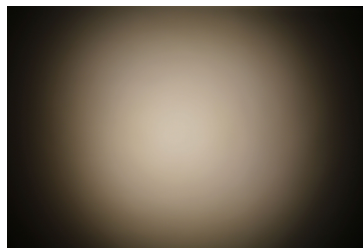
SAMSUNG

LED LT-R286A
 FWHM 29.0°
 Efficiency 94 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



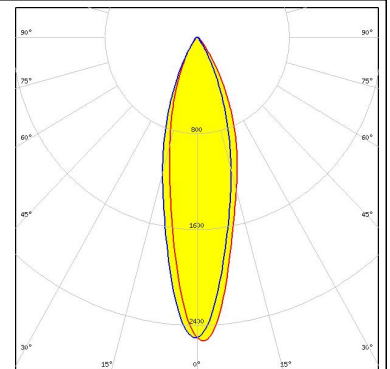
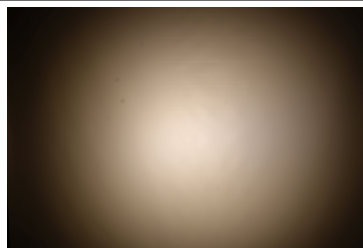
SEOUL SEMICONDUCTOR

LED SEOUL 3030
 FWHM 27.0°
 Efficiency 94 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



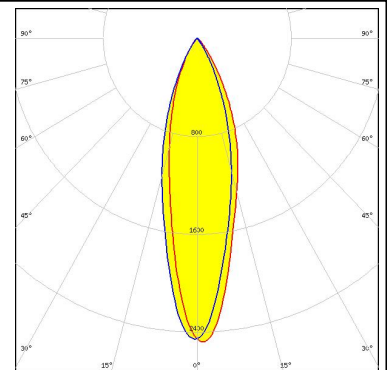
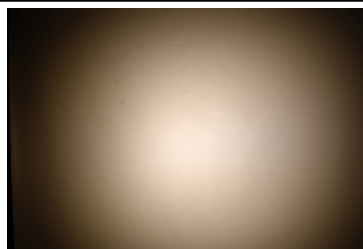
SEOUL SEMICONDUCTOR

LED SEOUL 5630C
 FWHM 27.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



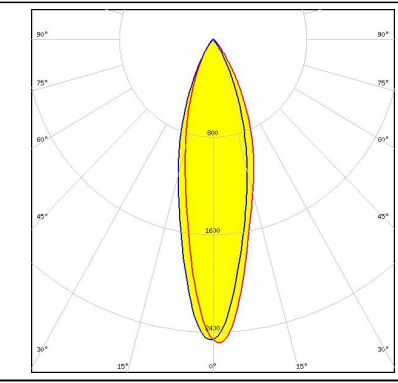


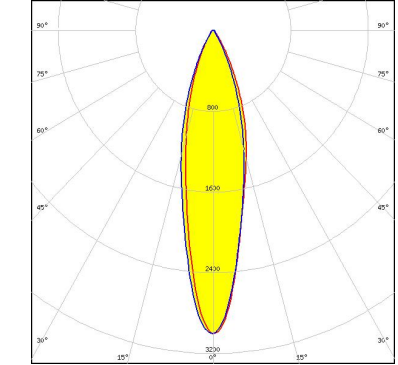

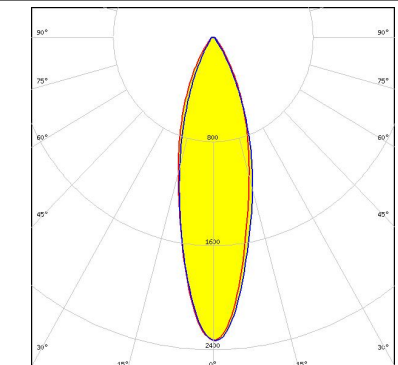


SEOUL SEMICONDUCTOR

LED SEOUL 5630C
 FWHM 27.0°
 Efficiency 88 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14453_FLORENCE-3R-SHD-GR



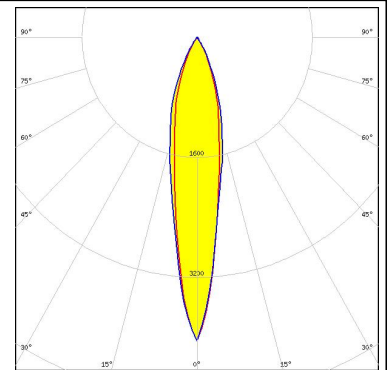
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630C FWHM 27.0° Efficiency 87 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components: C14592_FLORENCE-3R-SHD-BLK</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030 FWHM 23.0° Efficiency 94 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G2 55x280mm 2000lm FWHM 29.0° Efficiency 94 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

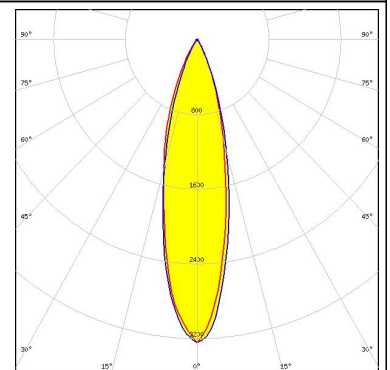
LG Innotek

LED LG 3528
 FWHM 18.0°
 Efficiency 92 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



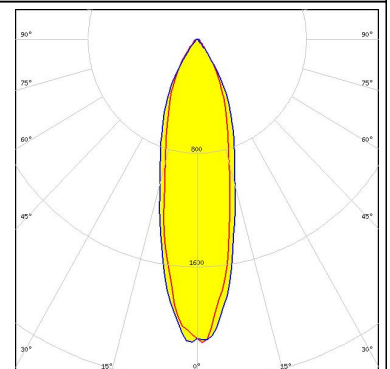
NICHIA

LED NF2x757G
 FWHM 25.0°
 Efficiency 90 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



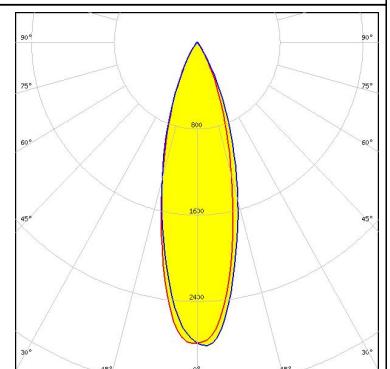
NICHIA

LED NFMW48xA
 FWHM 27.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM Opto Semiconductors

LED Duris E 2835
 FWHM 29.0°
 Efficiency 94 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

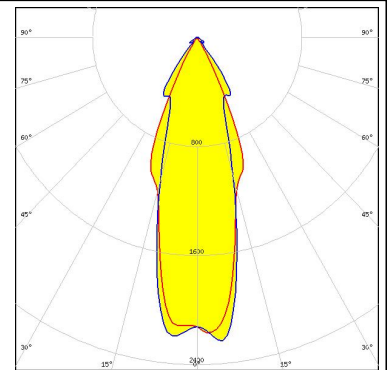


PHOTOMETRIC DATA (SIMULATED):

OSRAM

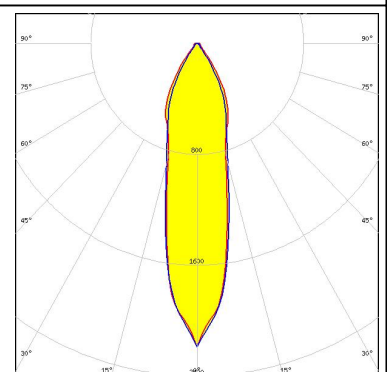
Opto Semiconductors

LED Duris E 2835
 FWHM 30.0°
 Efficiency 96 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



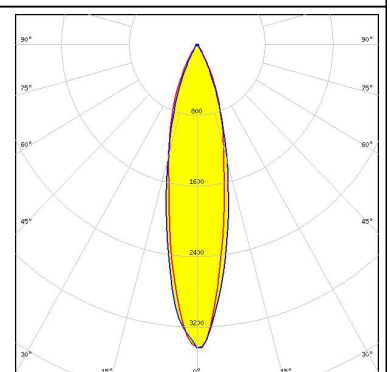
SAMSUNG

LED LM302Z plus
 FWHM 25.0°
 Efficiency 89 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



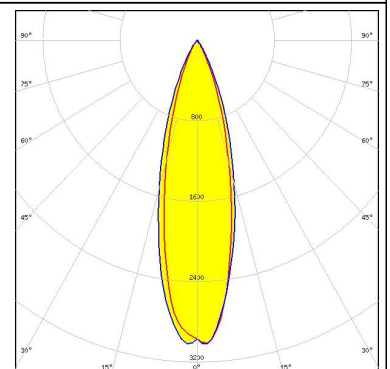
SAMSUNG

LED LM302Z plus
 FWHM 23.0°
 Efficiency 94 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL 5630D
 FWHM 29.0°
 Efficiency 90 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



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.

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LEDiL Oy

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Hong Kong, China

Distribution Partners

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