

FLORENCE-O

~85° + 35° oval beam

SPECIFICATION:

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

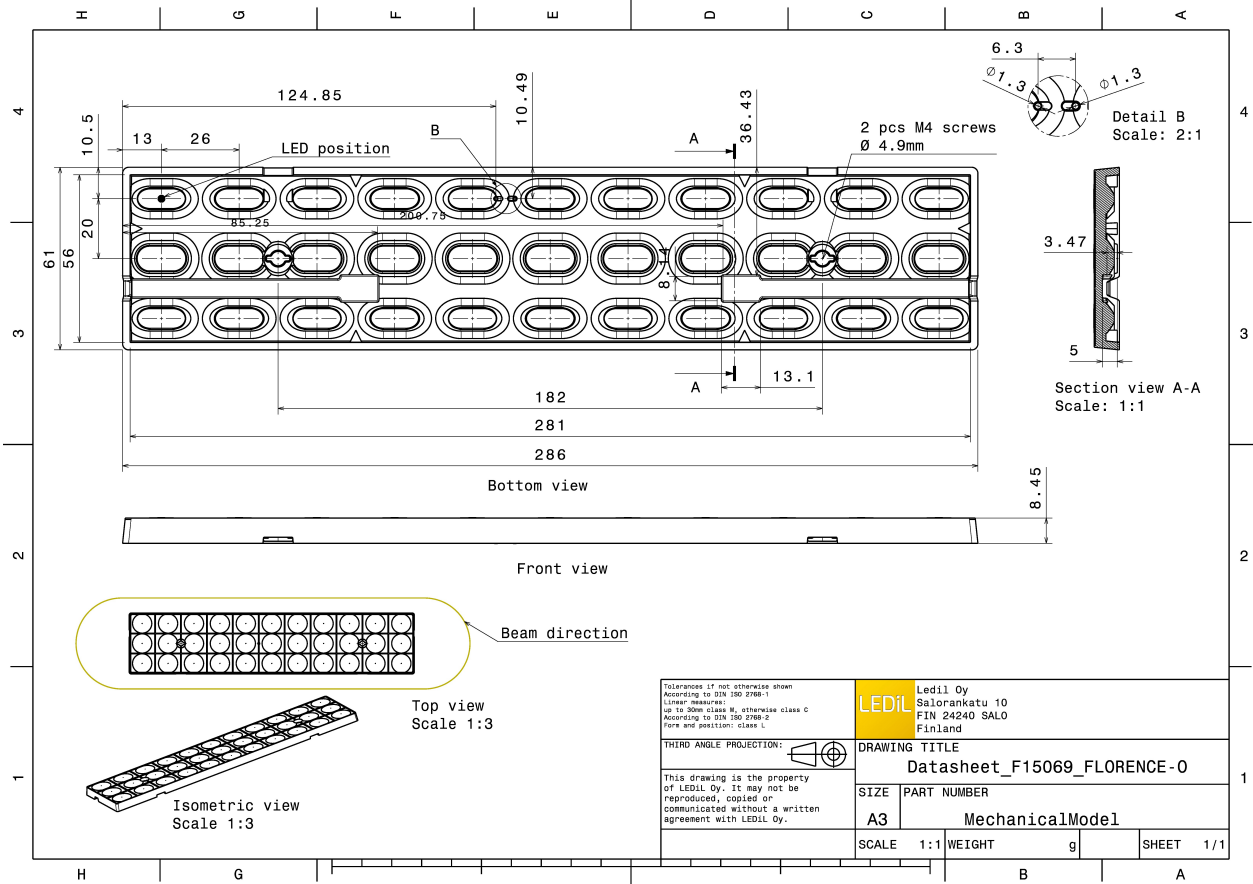
MATERIALS:

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

ORDERING INFORMATION:

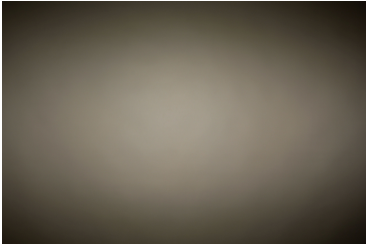
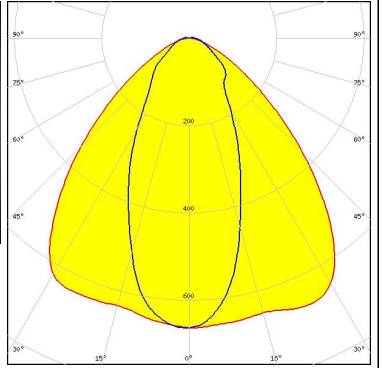
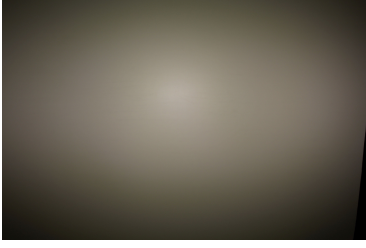
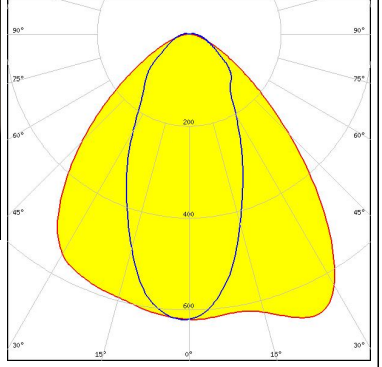

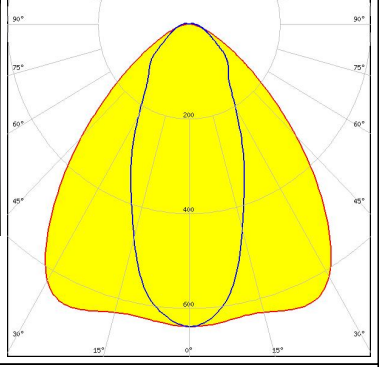
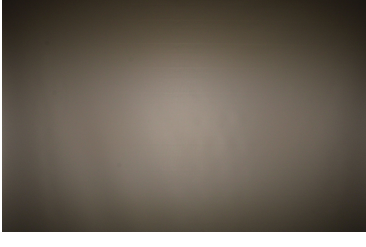
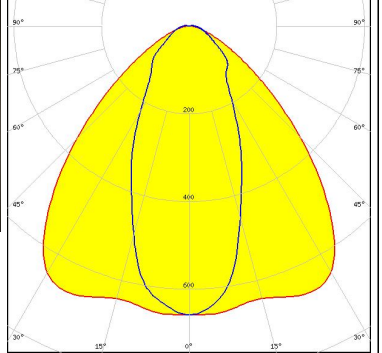
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15069_FLORENCE-O » Box size: 398 x 298 x 140 mm	72	18	6	7.5





See also our general installation guide: www.ledil.com/installation_guide

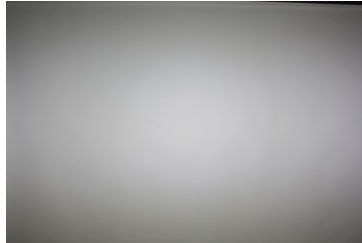
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON XR-3535L (L202 - xxxx033C30001)</p> <p>FWHM / FWTM 93.0 + 45.0° / 133.0 + 113.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.7 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 / FWTM 88.0 + 48.0° / 130.0 + 120.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris E5</p> <p>FWHM / FWTM 91.0 + 46.0° / 131.0 + 115.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>PHILIPS</p> <p>LED Fortimo LED Line VO 1ft MF 3R HV5</p> <p>FWHM / FWTM 92.0 + 45.0° / 132.0 + 115.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

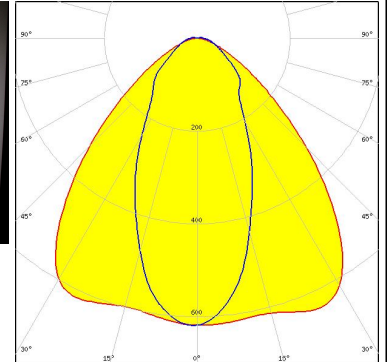
PHILIPS

LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM / FWTM 92.0 + 46.0° / 132.0 + 116.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



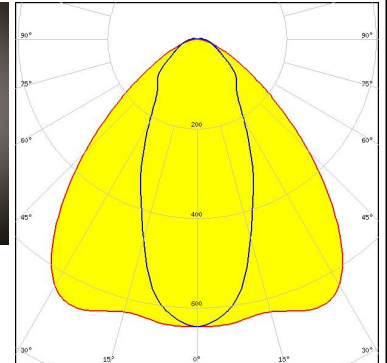
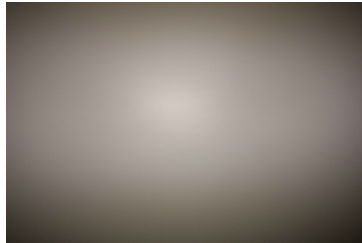
PHILIPS

LED Fortimo LED Line 1ft HF 3R HV5
 FWHM / FWTM 91.0 + 48.0° / 132.0 + 121.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



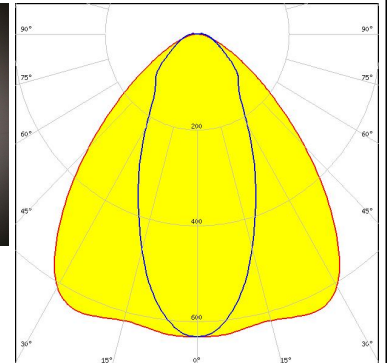
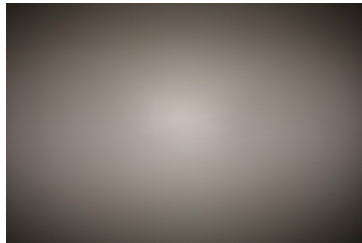
PHILIPS

LED Fortimo LED Line 1ft LF 3R HV5 & LV5
 FWHM / FWTM 92.0 + 46.0° / 132.0 + 117.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

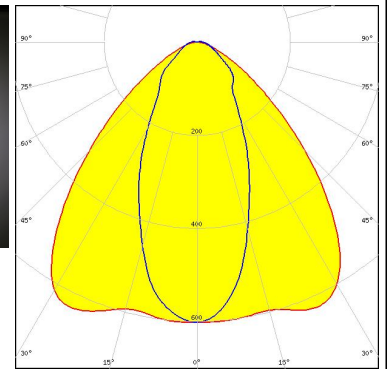
LED Fortimo LED Line 1ft MF 3R HV5 & LV5
 FWHM / FWTM 91.0 + 48.0° / 133.0 + 119.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



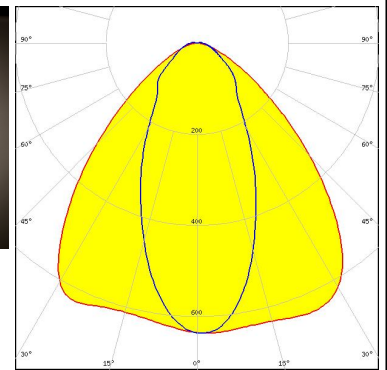
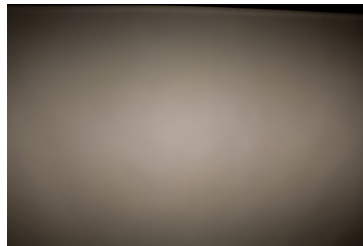
OPTICAL RESULTS (MEASURED):

SAMSUNG

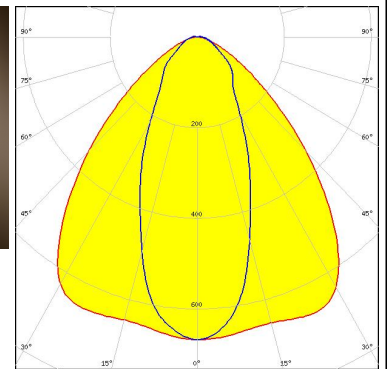
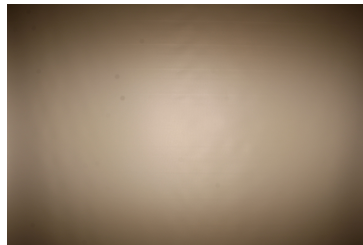
LED LM28xB Series
 FWHM / FWTM 92.0 + 46.0° / 131.0 + 112.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



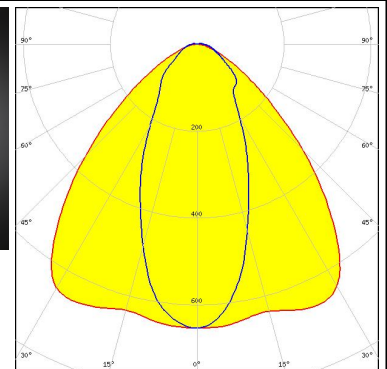
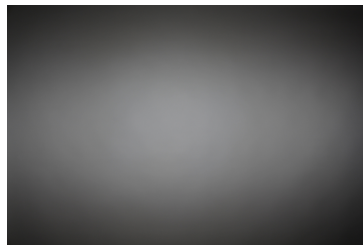
SEOUL SEMICONDUCTOR
 LED SEOUL 3030
 FWHM / FWTM 91.0 + 47.0° / 131.0 + 116.0°
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED SEOUL 5630C
 FWHM / FWTM 92.0 + 44.0° / 132.0 + 111.0°
 Efficiency 92 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



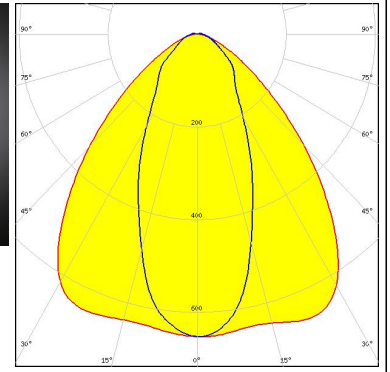
SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030
 FWHM / FWTM 93.0 + 44.0° / 132.0 + 116.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

TRIDONIC

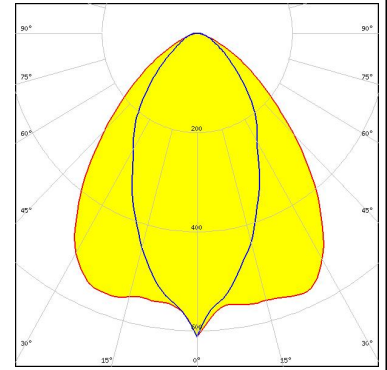
LED	LLE G2 55x280mm 2000lm
FWHM / FWTM	91.0 + 46.0° / 132.0 + 114.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



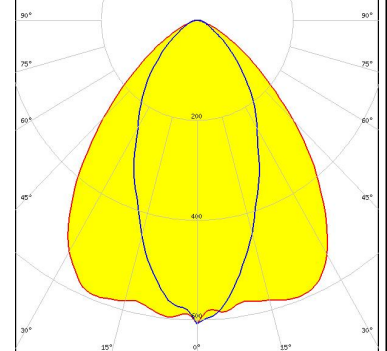
OPTICAL RESULTS (SIMULATED):



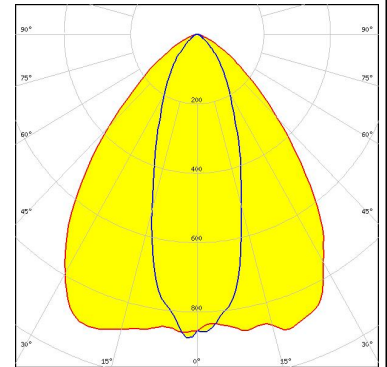
LED J Series 5050 Round LES
 FWHM / FWTM 87.0 + 51.0° / 129.0 + 113.0°
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



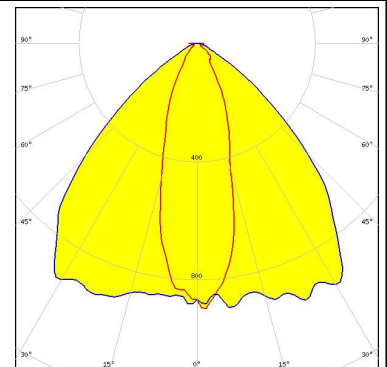
LED LUXEON 5050 Round LES
 FWHM / FWTM 88.0 + 51.0° / 126.0 + 109.0°
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NFSx757G
 FWHM / FWTM 83.0 + 35.0° / 122.0 + 86.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



LED NVSxE21A
 FWHM / FWTM 93.0 + 28.0° / 121.0 + 71.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

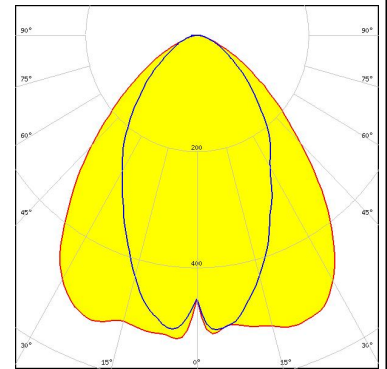


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

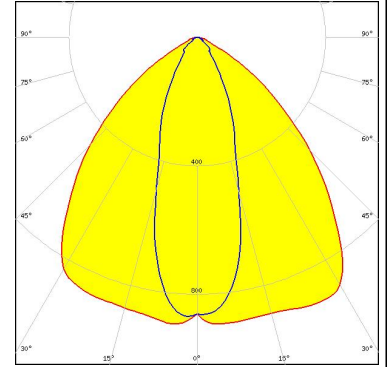
LED Duris S8
 FWHM / FWTM 90.0 + 63.0° / 132.0 + 125.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

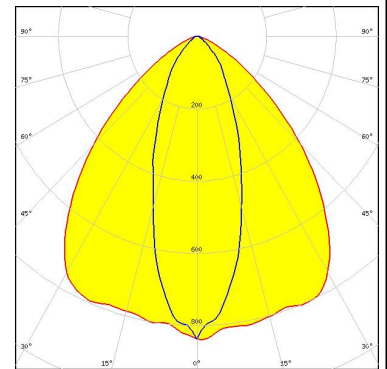
Opto Semiconductors

LED OSCONIQ C 2424
 FWHM / FWTM 92.0 + 33.0° / 124.0 + 73.0°
 Efficiency 95 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



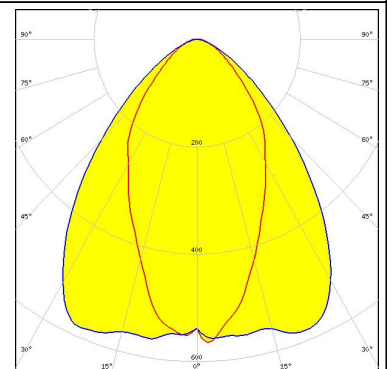
SAMSUNG

LED LM301B
 FWHM / FWTM 90.0 + 35.0° / 126.0 + 87.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

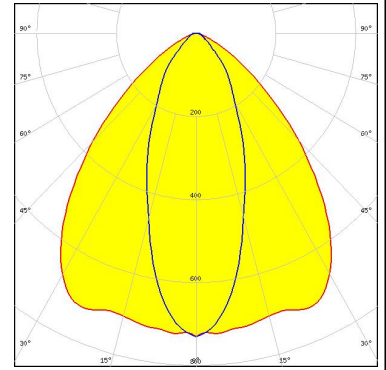
LED LM301B
 FWHM / FWTM 86.0 + 56.0° / 128.0 + 119.0°
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

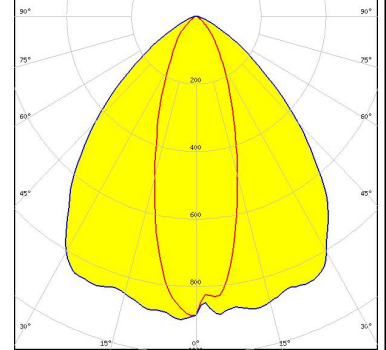
SAMSUNG

LED LM301D
 FWHM / FWTM 90.0 + 40.0° / 126.0 + 92.0°
 Efficiency 90 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



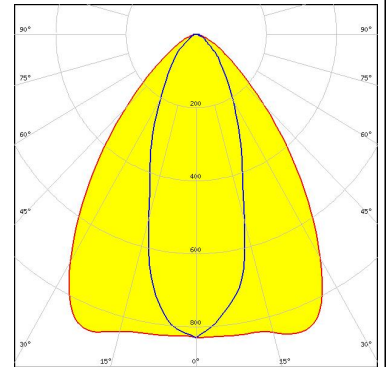
SAMSUNG

LED LM302B
 FWHM / FWTM 90.0 + 33.0° / 124.0 + 79.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



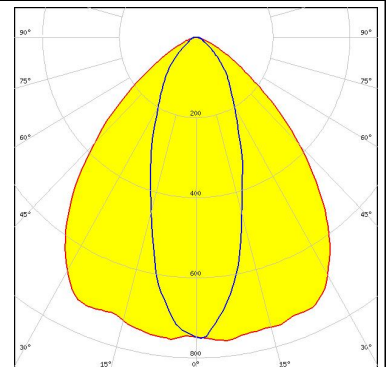
SAMSUNG

LED LM302Z plus
 FWHM / FWTM 78.0 + 37.0° / 117.0 + 91.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



SAMSUNG

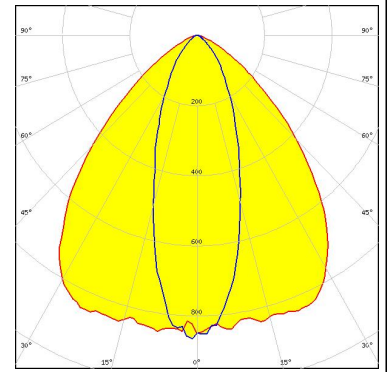
LED LM561B Plus
 FWHM / FWTM 90.0 + 37.0° / 126.0 + 95.0°
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

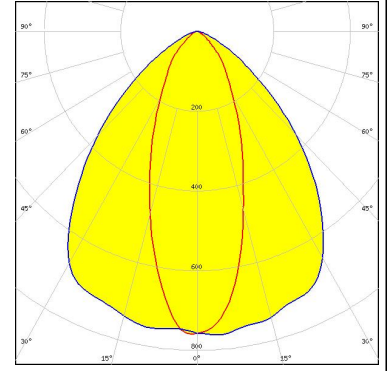
SAMSUNG

LED LM561C
 FWHM / FWTM 90.0 + 35.0° / 125.0 + 84.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



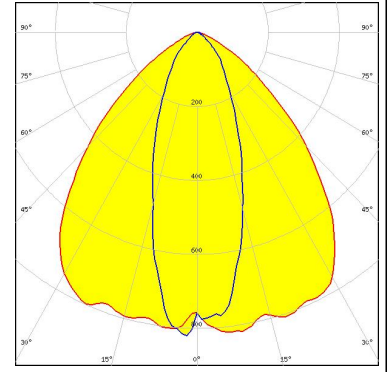
SEOUL SEMICONDUCTOR

LED SEOUL 5630D
 FWHM / FWTM 87.0 + 37.0° / 126.0 + 90.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM / FWTM 92.0 + 36.0° / 128.0 + 87.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 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.

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