

FLORENCE-1R-Z90

~90° + 110° wide beam

SPECIFICATION:

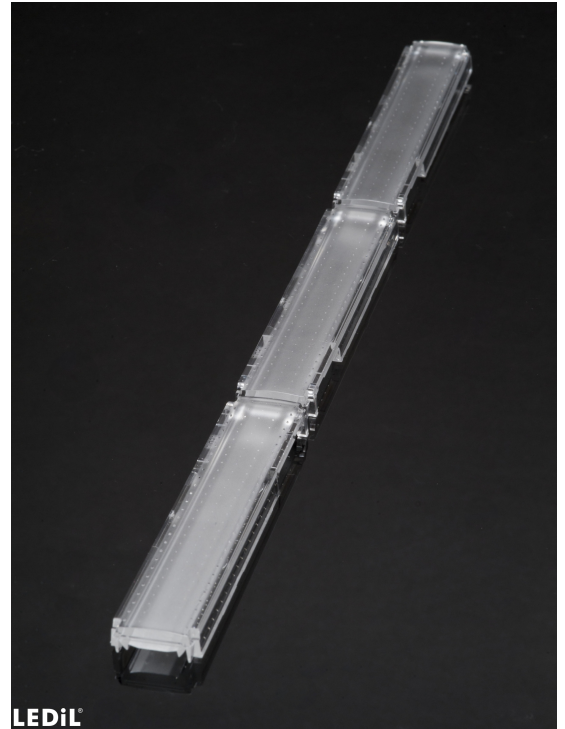
Dimensions	19.5 x 286.0 mm
Height	7 mm
Fastening	clips
ROHS compliant	yes ⓘ

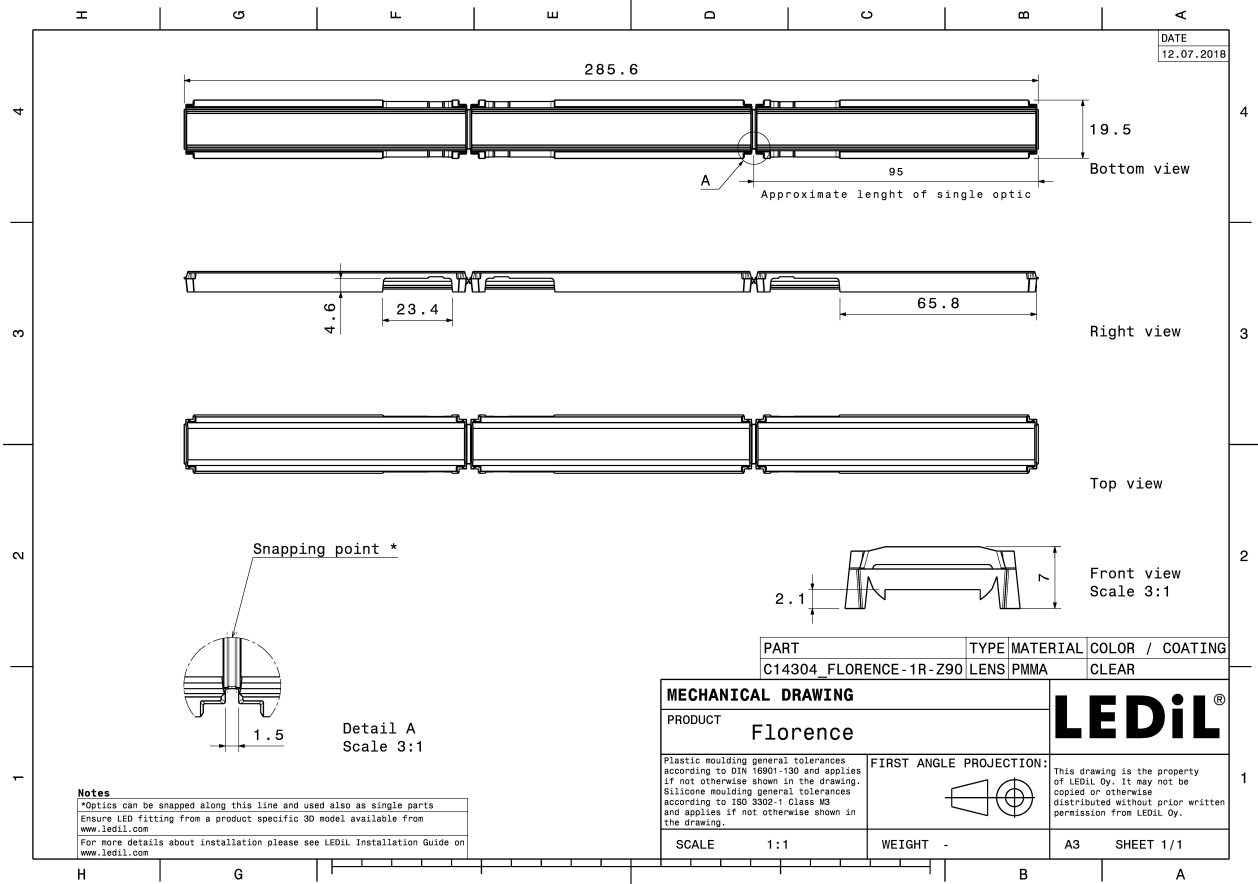
MATERIALS:

Component	Type	Material	Colour	Finish
FLORENCE-1R-Z90	Linear lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14304_FLORENCE-1R-Z90 » Box size: 398 x 298 x 265 mm	165	45	15	7.5



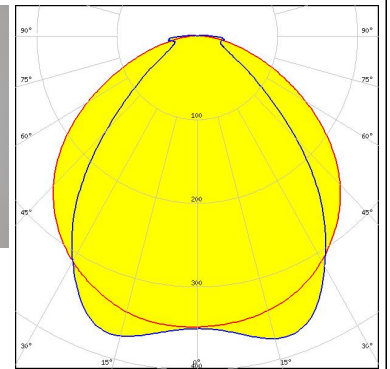


See also our general installation guide: www.ledil.com/installation_guide

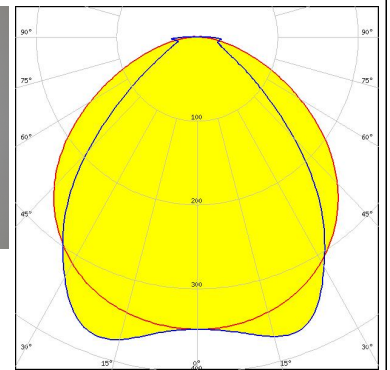
OPTICAL RESULTS (MEASURED):



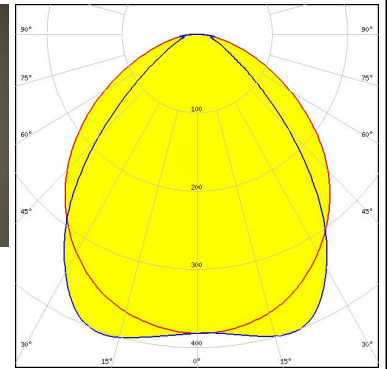
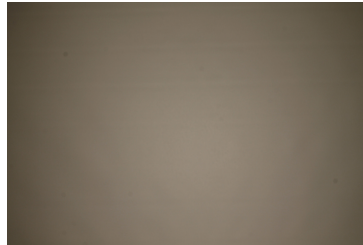
LED CALGD0414-M8W1
 FWHM / FWTM 89.0 + 115.0° / 151.0 + 159.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



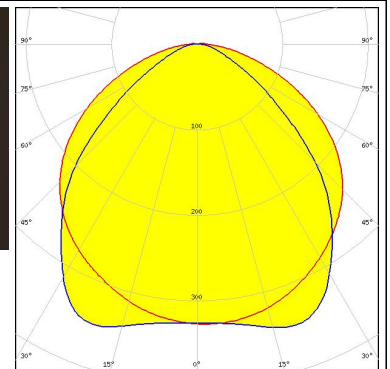
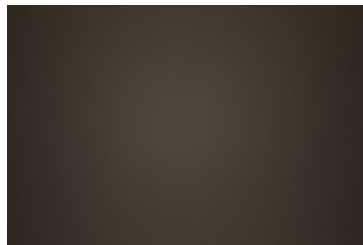
LED CALGD0814-M17W1
 FWHM / FWTM 90.0 + 114.0° / 137.0 + 159.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED L0-280024-xxx-C0800-L267
 FWHM / FWTM 88.0 + 106.0° / 131.0 + 156.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



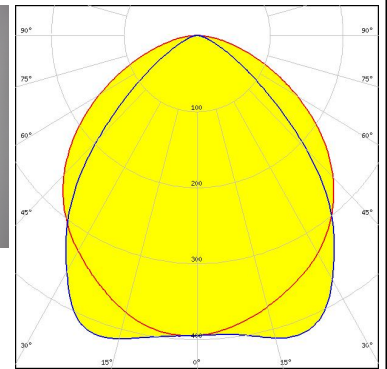
LED XH-B/G
 FWHM / FWTM 97.0 + 117.0° / 139.0 + 165.0°
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

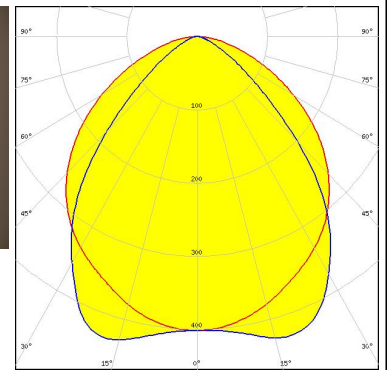
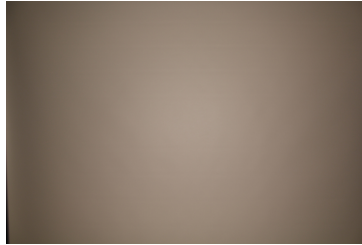
LUMILEDS

LED LUXEON 3014
 FWHM / FWTM 91.0 + 109.0° / 125.0 + 156.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



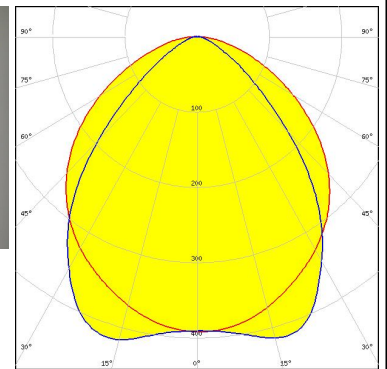
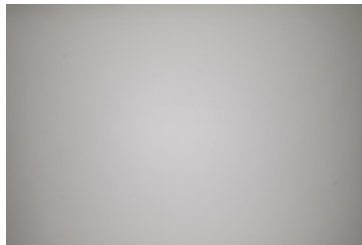
LUMILEDS

LED LUXEON 3020
 FWHM / FWTM 89.0 + 108.0° / 123.0 + 157.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



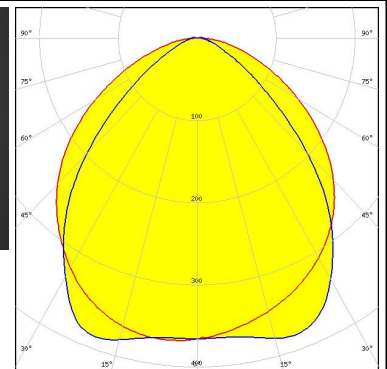
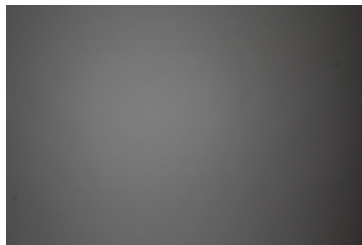
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 88.0 + 108.0° / 125.0 + 157.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


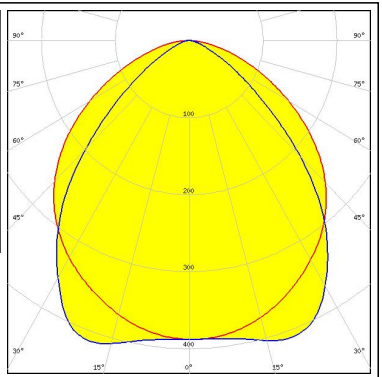

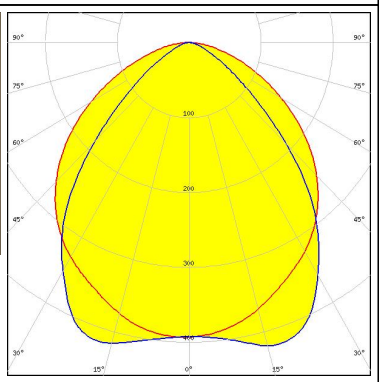

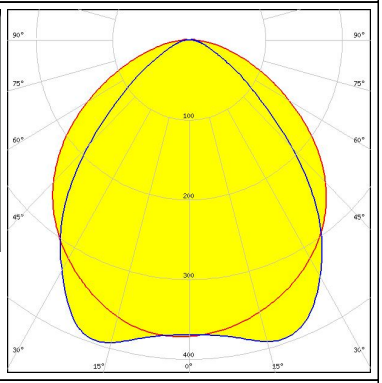

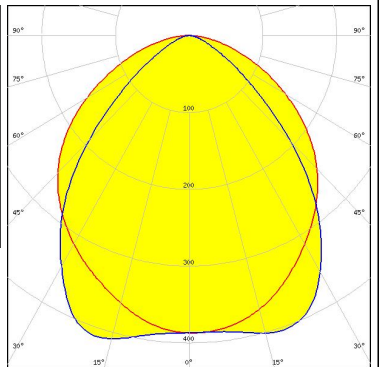


LUMILEDS


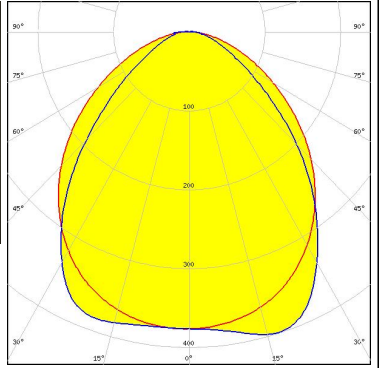

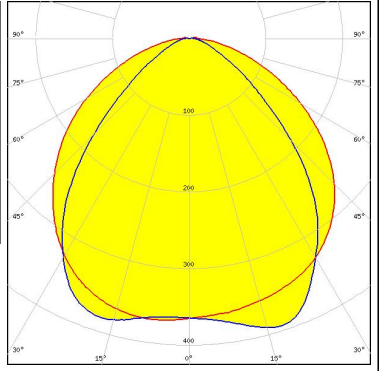
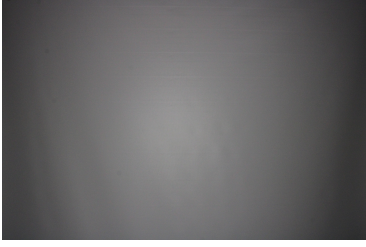
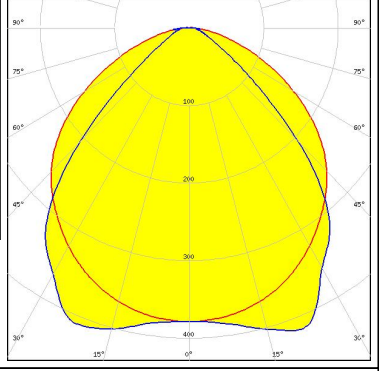
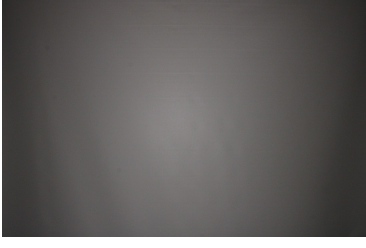
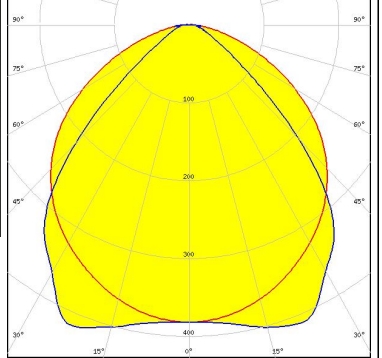
LED LUXEON 3535 2D
 FWHM / FWTM 92.0 + 110.0° / 133.0 + 160.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON 3535L</p> <p>FWHM / FWTM 92.0 + 109.0° / 128.0 + 157.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 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 / FWTM 89.0 + 108.0° / 125.0 + 157.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NF2x757D</p> <p>FWHM / FWTM 90.0 + 110.0° / 131.0 + 160.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 90.0 + 108.0° / 127.0 + 158.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

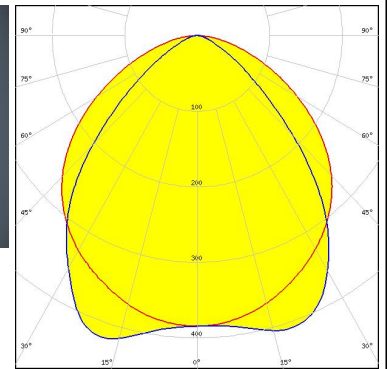
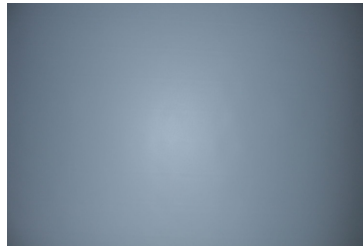
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NFSW757H FWHM / FWTM 104.0 + 89.0° / 156.0 + 140.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14353_FLORENCE-1R-CLIP-A</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S5 (2 chip) FWHM / FWTM 90.0 + 113.0° / 131.0 + 161.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>PHILIPS</p> <p>LED Fortimo LED Line 1ft HF 1R HV5 FWHM / FWTM 113.0 + 90.0° / 157.0 + 122.0° Efficiency 96 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14353_FLORENCE-1R-CLIP-A</p>		
<p>PHILIPS</p> <p>LED Fortimo LED Line 1ft MF 1R HV5 & LV5 FWHM / FWTM 113.0 + 91.0° / 157.0 + 122.0° Efficiency 96 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14353_FLORENCE-1R-CLIP-A</p>		

OPTICAL RESULTS (MEASURED):

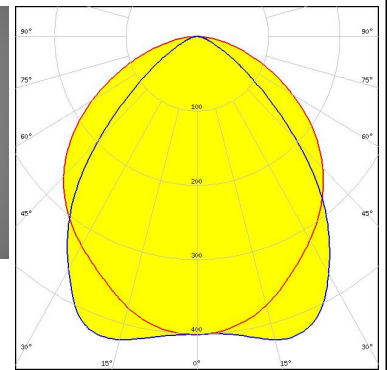
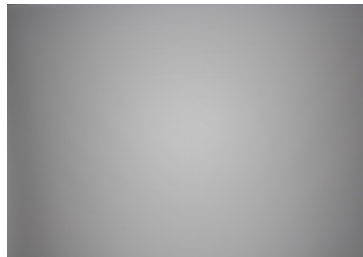
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 91.0 + 111.0° / 127.0 + 158.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



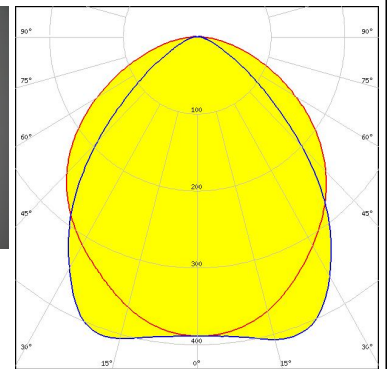
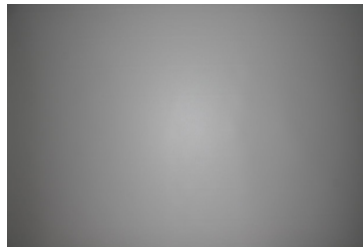
SAMSUNG

LED LM301A
 FWHM / FWTM 89.0 + 109.0° / 125.0 + 158.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



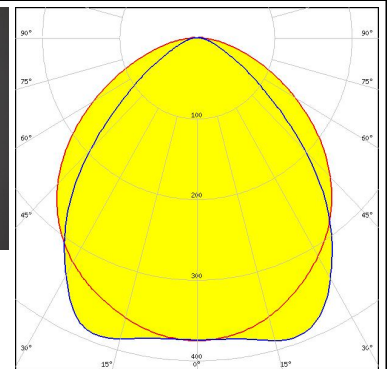
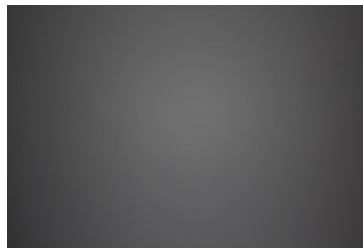
SAMSUNG

LED LM302A
 FWHM / FWTM 90.0 + 108.0° / 128.0 + 159.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

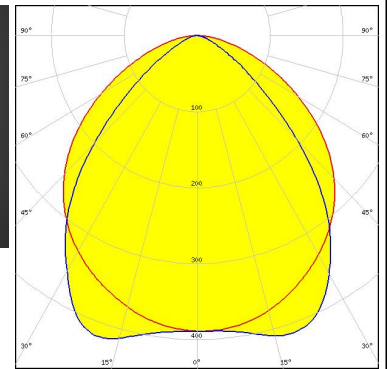
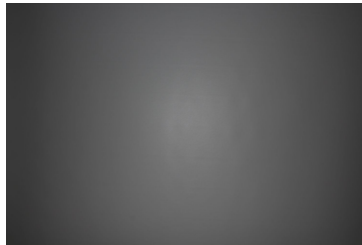
LED LM561B
 FWHM / FWTM 91.0 + 109.0° / 131.0 + 159.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

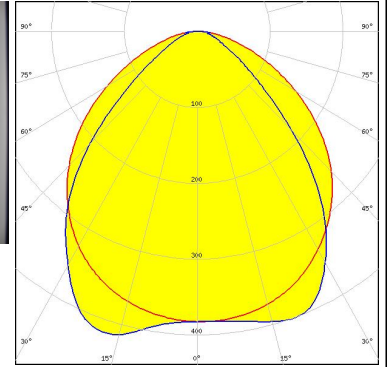
SAMSUNG

LED LM561C
 FWHM / FWTM 90.0 + 110.0° / 126.0 + 157.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



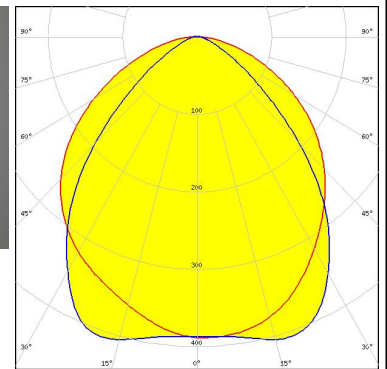
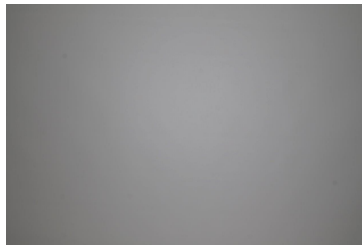
SAMSUNG

LED LT-S282N
 FWHM / FWTM 91.0 + 109.0° / 156.0 + 131.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



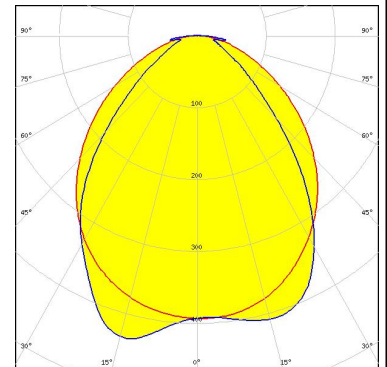
SEOUL SEMICONDUCTOR

LED SEOUL 3030
 FWHM / FWTM 90.0 + 109.0° / 127.0 + 158.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030
 FWHM / FWTM 103.0 + 86.0° / 156.0 + 151.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14353_FLORENCE-1R-CLIP-A



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON 2835 Line</p> <p>FWHM / FWTM: 90.0 + 111.0° / 114.0 + 152.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 5050 Round LES</p> <p>FWHM / FWTM: 91.0 + 111.0° / 120.0 + 153.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.4 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 E 2835</p> <p>FWHM / FWTM: 94.0 + 106.0° / 120.0 + 150.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 0.4 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: OSCONIQ C 2424</p> <p>FWHM / FWTM: 117.0 + 96.0° / 152.0 + 106.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

