

## FLORENCE-O

~85° + 35° oval beam

### SPECIFICATION:

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

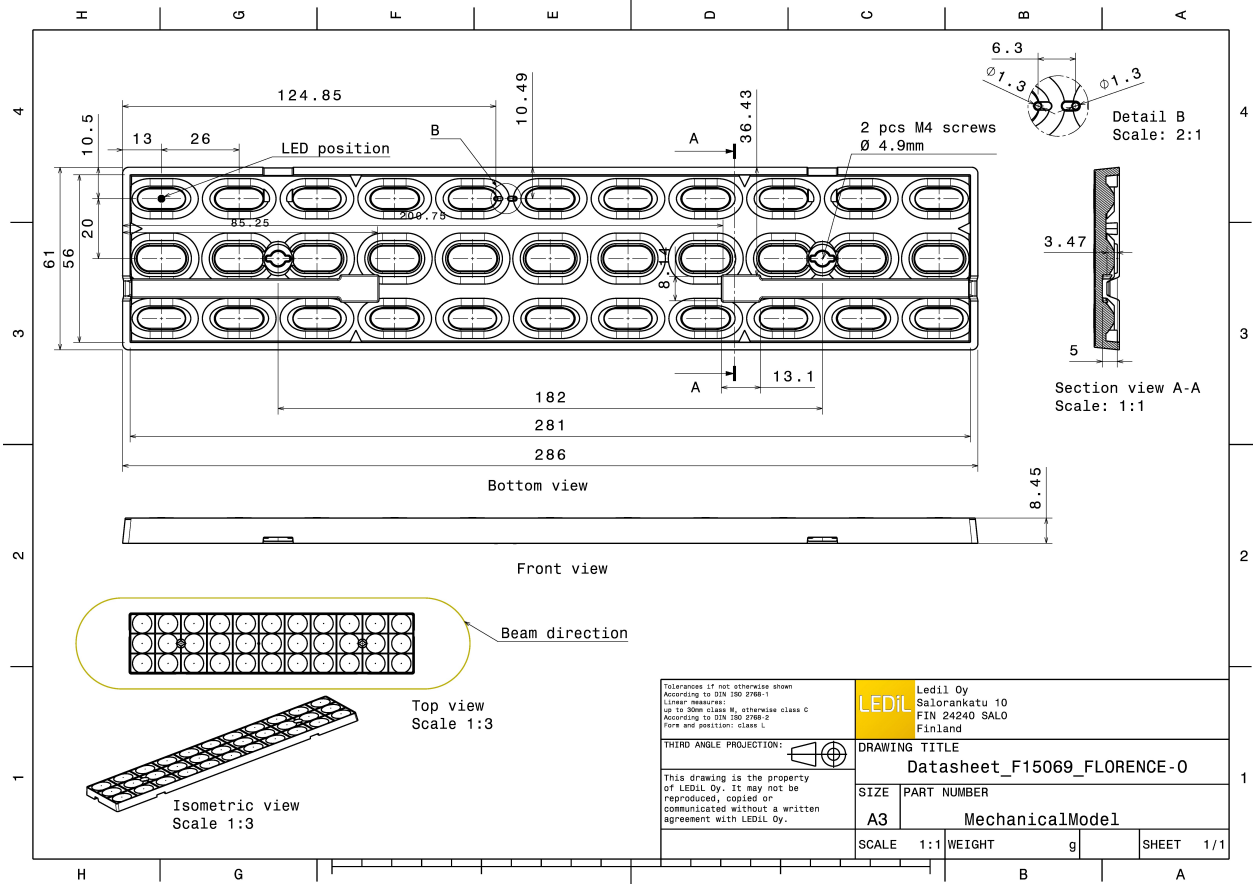
### MATERIALS:

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

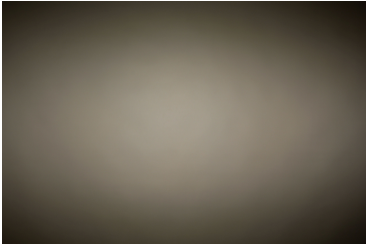
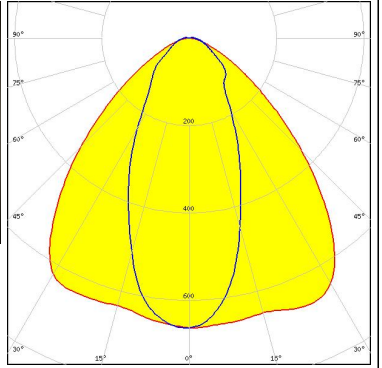
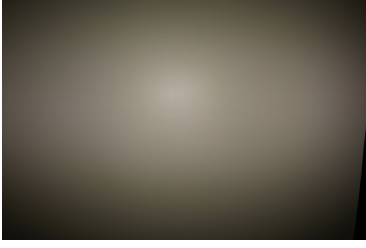
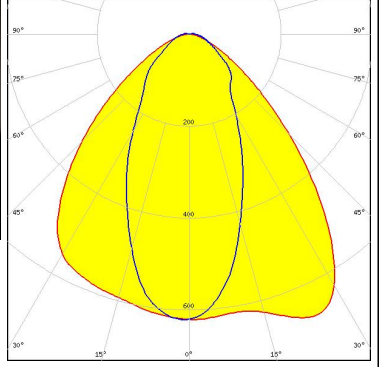

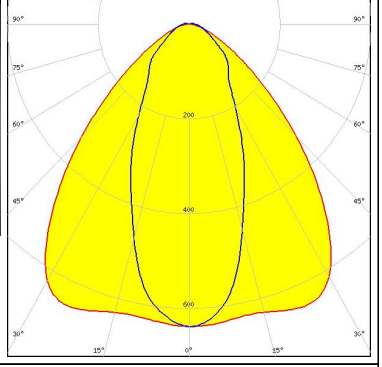
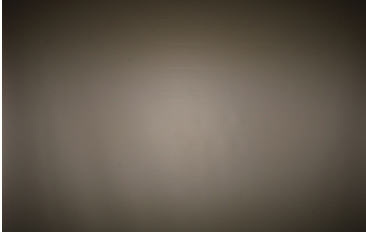
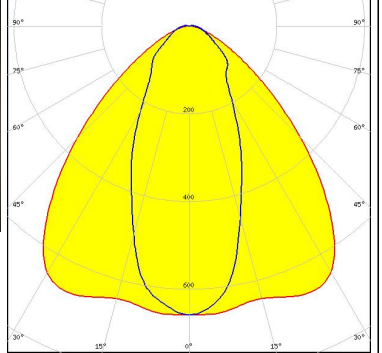




Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 20mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION:		DRAWING TITLE Datasheet_F15069_FLORENCE-0	
SIZE A3	PART NUMBER MechanicalModel		
SCALE 1:1	WEIGHT g	SHEET 1/1	

See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

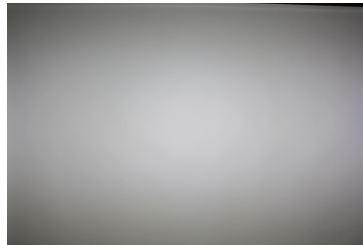
#### OPTICAL RESULTS (MEASURED):

<p><b>LUMILEDS</b></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><b>NICHIA</b></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><b>OSRAM</b> 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><b>PHILIPS</b></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):

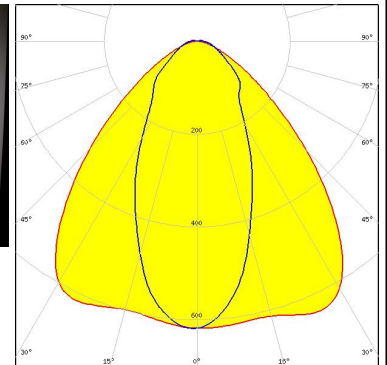
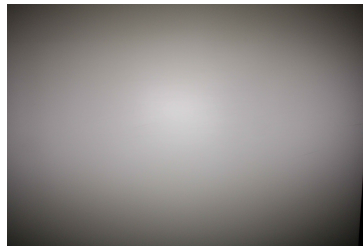
### PHILIPS

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:



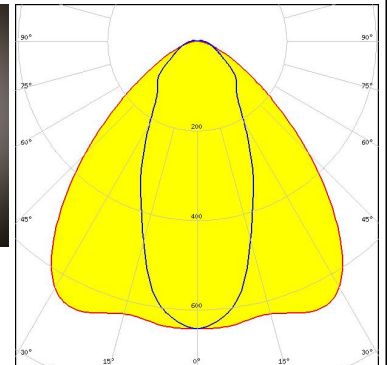
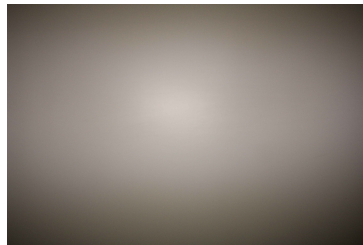
### PHILIPS

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:



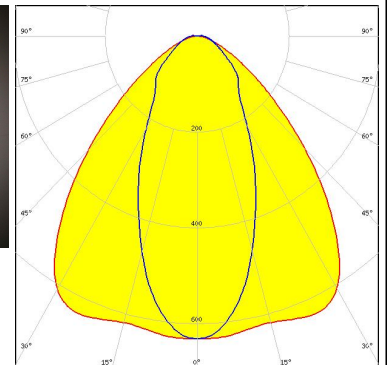
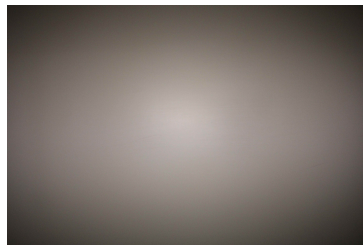
### PHILIPS

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:

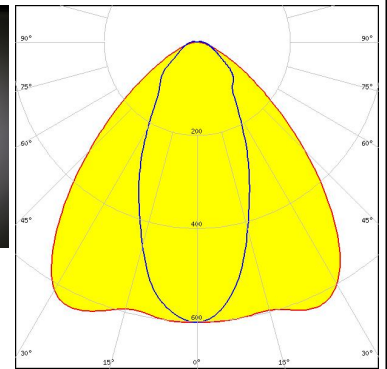




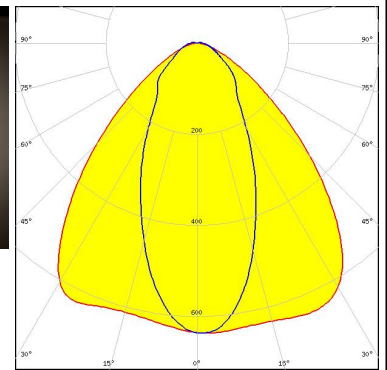
### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

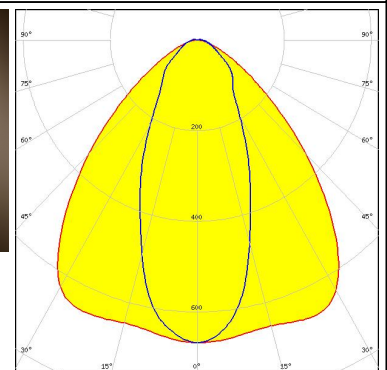
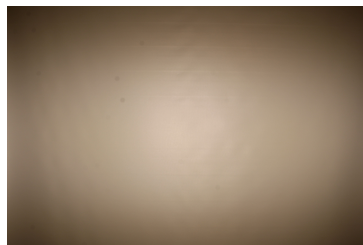
LED LM28xB Series  
 FWHM / FWTM 92.0 + 46.0° / 131.0 + 112.0°  
 Efficiency 87 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



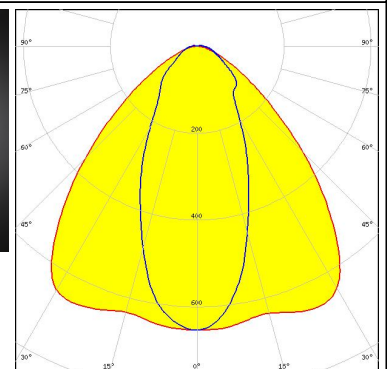
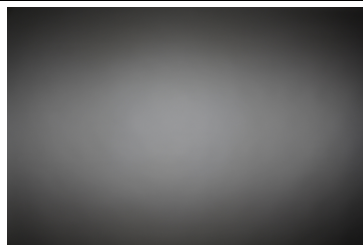
SEOUL SEMICONDUCTOR  
 LED SEOUL 3030  
 FWHM / FWTM 91.0 + 47.0° / 131.0 + 116.0°  
 Efficiency 92 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



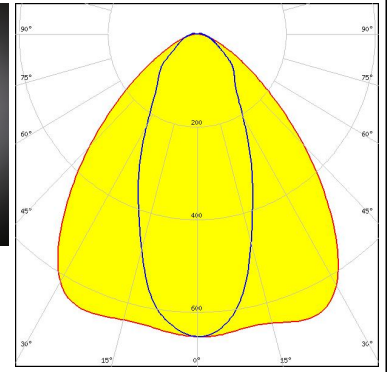
SEOUL SEMICONDUCTOR  
 LED SEOUL DC 3030  
 FWHM / FWTM 93.0 + 44.0° / 132.0 + 116.0°  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

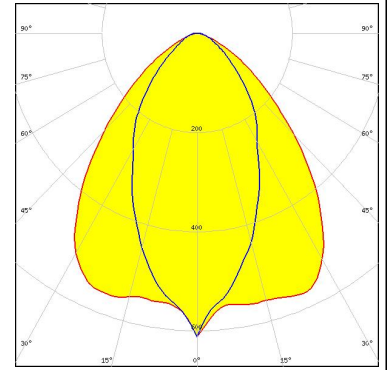
LED LLE G2 55x280mm 2000lm  
FWHM / FWTM 91.0 + 46.0° / 132.0 + 114.0°  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



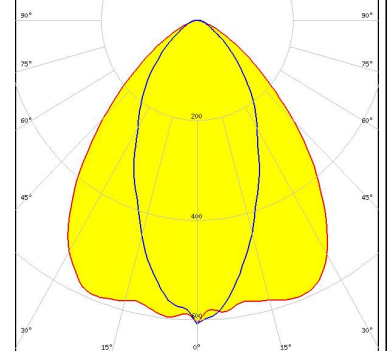
### OPTICAL RESULTS (SIMULATED):



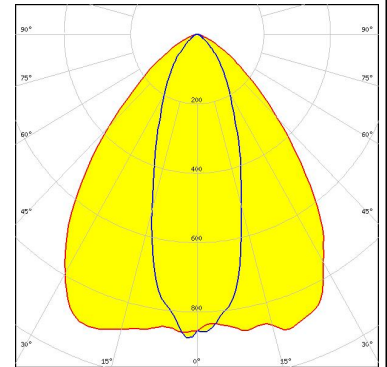
LED J Series 5050 Round LES  
 FWHM / FWTM 87.0 + 51.0° / 129.0 + 113.0°  
 Efficiency 92 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



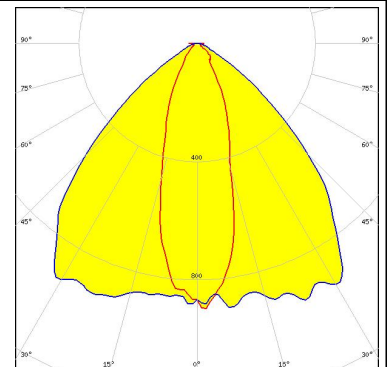
LED LUXEON 5050 Round LES  
 FWHM / FWTM 88.0 + 51.0° / 126.0 + 109.0°  
 Efficiency 90 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:

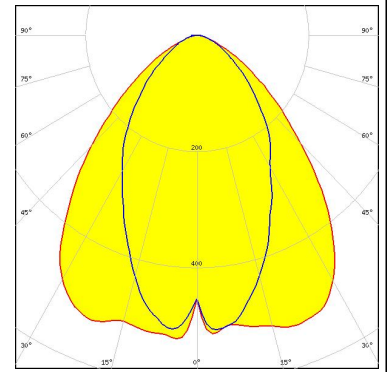


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

Opto Semiconductors

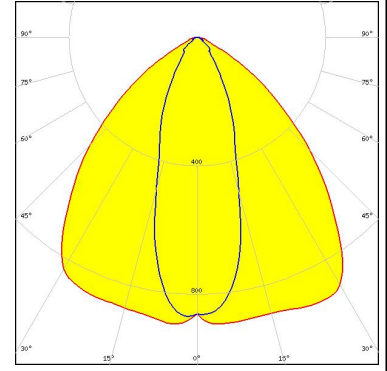
LED Duris S8  
 FWHM / FWTM 90.0 + 63.0° / 132.0 + 125.0°  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

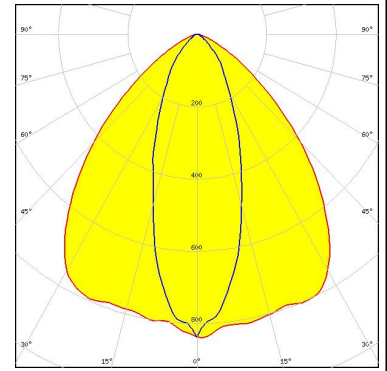
Opto Semiconductors

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:



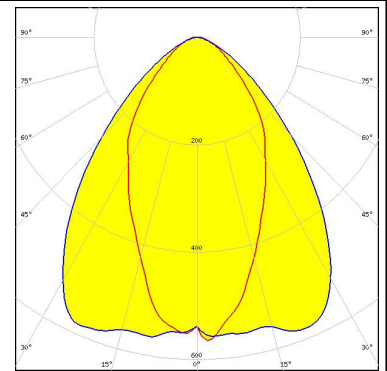
##### SAMSUNG

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

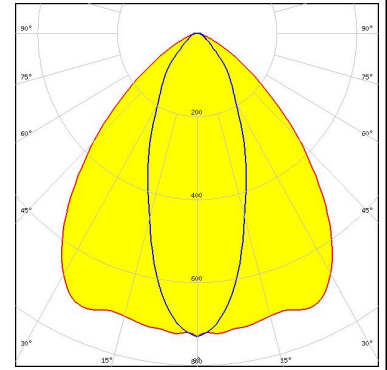
LED LM301B  
 FWHM / FWTM 86.0 + 56.0° / 128.0 + 119.0°  
 Efficiency 92 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

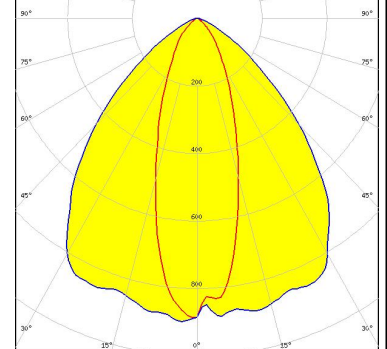
### SAMSUNG

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:



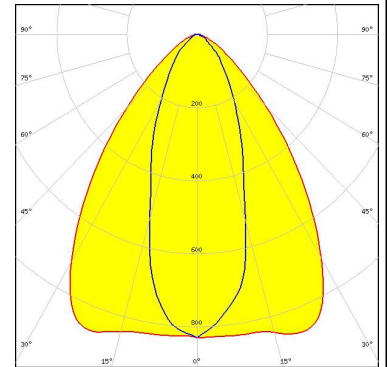
### SAMSUNG

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:



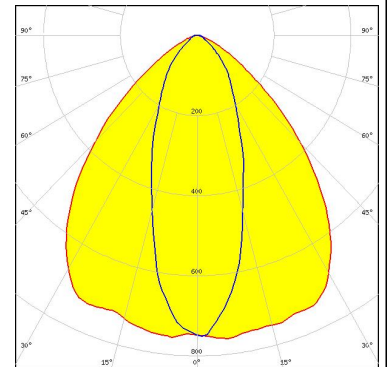
### SAMSUNG

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:

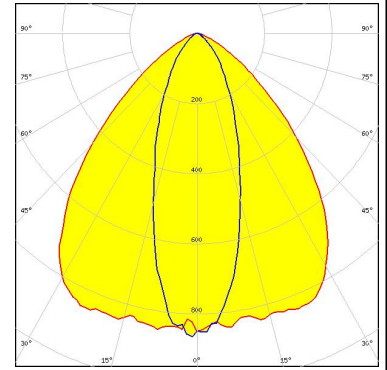




### OPTICAL RESULTS (SIMULATED):

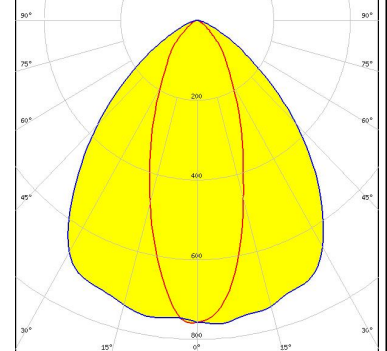
#### SAMSUNG

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:

