

## STRADA-2X2-C-STP

Beam for area and street lighting such as parks and pedestrian walkways

### SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	5.3 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

### MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-2X2-C-STP	Multi-lens	PMMA	clear	



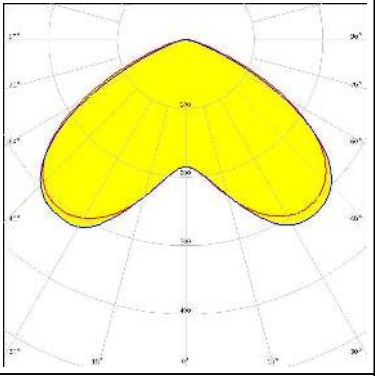


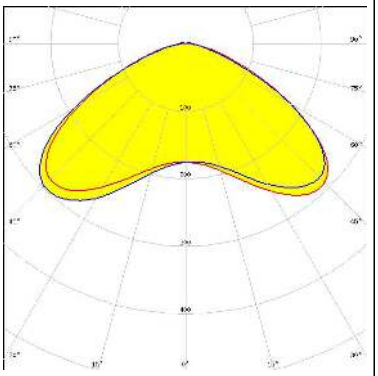


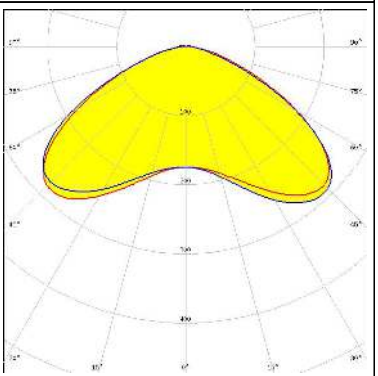


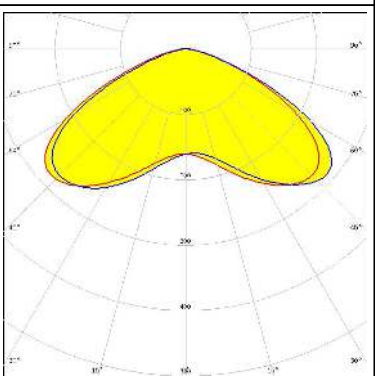
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13937_STRADA-2X2-C-STP » Box size: 476 x 273 x 292 mm	800	160	160	5.5





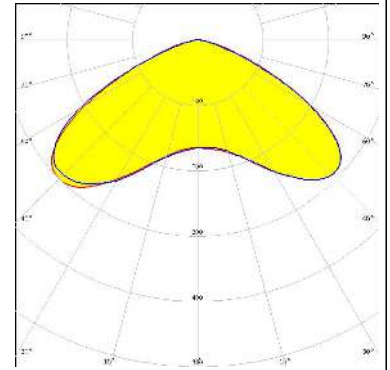
#### OPTICAL RESULTS (MEASURED):

<p> <b>LED</b>      Bridgelux SMD 5050</p> <p><b>FWHM / FWTM</b>      131.0° / 156.0°</p> <p><b>Efficiency</b>      94 %</p> <p><b>Peak intensity</b>      0.3 cd/lm</p> <p><b>LEDs/each optic</b>      1</p> <p><b>Light colour</b>      White</p> <p><b>Required components:</b></p>		
<p> <b>LED</b>      QUICK FLUX XTP 2x4 xxx LS G5</p> <p><b>FWHM / FWTM</b>      138.0° / 161.0°</p> <p><b>Efficiency</b>      94 %</p> <p><b>Peak intensity</b>      0.3 cd/lm</p> <p><b>LEDs/each optic</b>      1</p> <p><b>Light colour</b>      White</p> <p><b>Required components:</b></p>		
<p> <b>LED</b>      QUICK FLUX XTP 2x6 xxx LS G5</p> <p><b>FWHM / FWTM</b>      138.0° / 160.0°</p> <p><b>Efficiency</b>      94 %</p> <p><b>Peak intensity</b>      0.3 cd/lm</p> <p><b>LEDs/each optic</b>      1</p> <p><b>Light colour</b>      White</p> <p><b>Required components:</b></p>		
<p> <b>LED</b>      XM-L3</p> <p><b>FWHM / FWTM</b>      Asymmetric</p> <p><b>Efficiency</b>      97 %</p> <p><b>Peak intensity</b>      0.3 cd/lm</p> <p><b>LEDs/each optic</b>      1</p> <p><b>Light colour</b>      White</p> <p><b>Required components:</b></p>		

#### OPTICAL RESULTS (MEASURED):

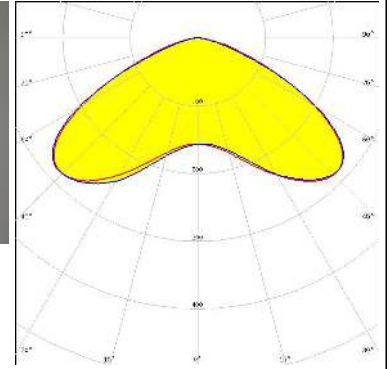
##### CREE LED

LED XP-G2  
 FWHM / FWTM 137.0° / 158.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



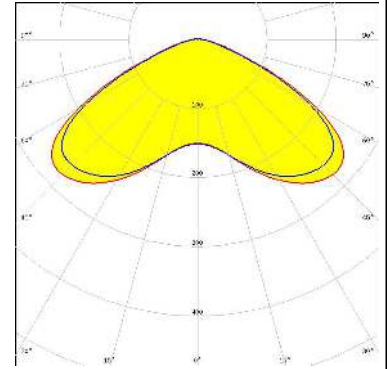
##### CREE LED

LED XP-G3  
 FWHM / FWTM 141.0° / 164.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



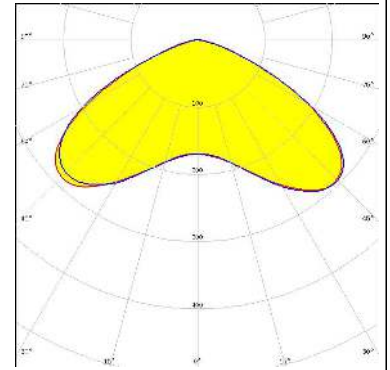
##### CREE LED

LED XP-L HD  
 FWHM / FWTM 139.0° / 166.0°  
 Efficiency 92 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

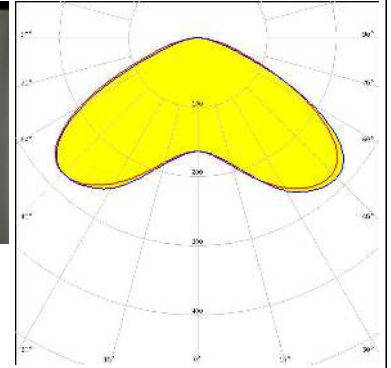
LED XP-L HI  
 FWHM / FWTM 136.0° / 162.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

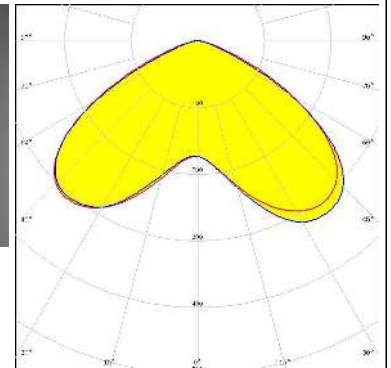
##### CREE LED

LED XP-L2  
 FWHM / FWTM 139.0° / 166.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



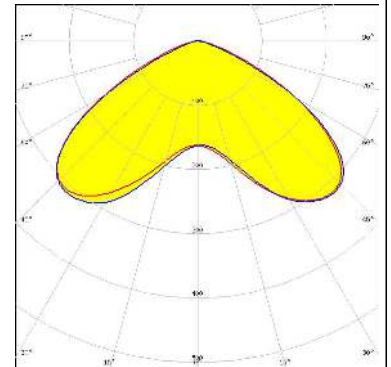
##### LUMILEDS

LED LUXEON 5050 Round LES  
 FWHM / FWTM 121.0° / 146.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



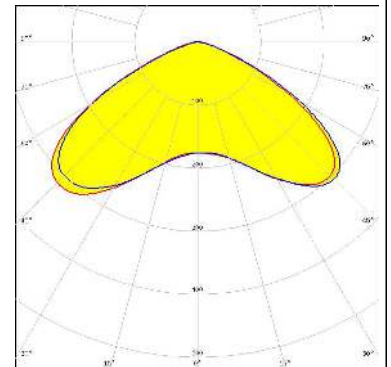
##### LUMILEDS

LED LUXEON MZ  
 FWHM / FWTM 133.0° / 156.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:


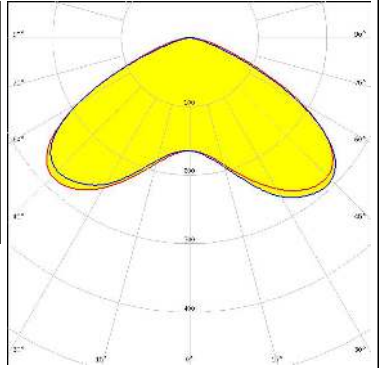
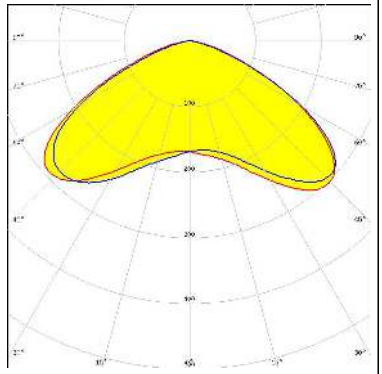
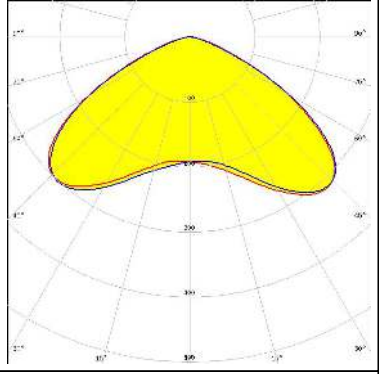
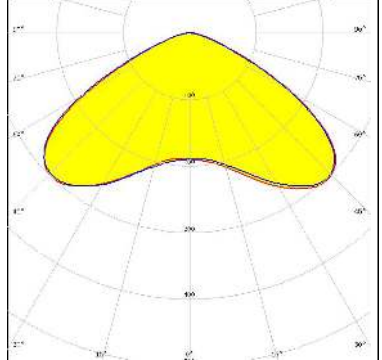


##### LUMILEDS

LED LUXEON TX  
 FWHM / FWTM 133.0° / 156.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

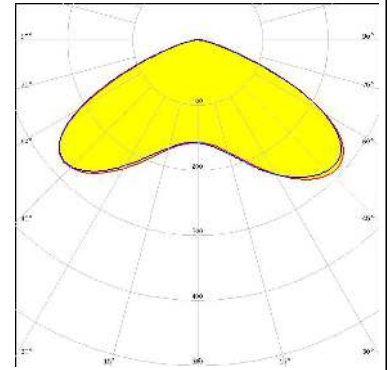
<p><b>LUMILEDS</b></p> <p>LED LUXEON V</p> <p>FWHM / FWTM 136.0° / 166.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>LUMINUS</b></p> <p>LED SST-10-B130</p> <p>FWHM / FWTM 127.0° / 154.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Deep Red</p> <p>Required components:</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED RecLED 122x50mm 1900lm 730 2x4 Opt G1</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 98 %</p> <p>Peak intensity 0.3 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 NVSW219F</p> <p>FWHM / FWTM 131.0° / 155.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		



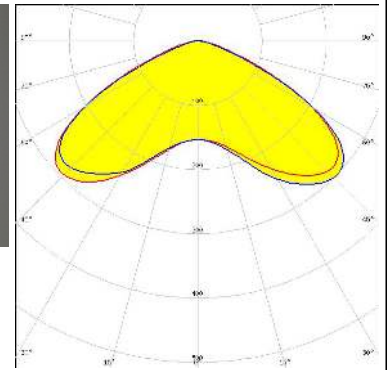
#### OPTICAL RESULTS (MEASURED):



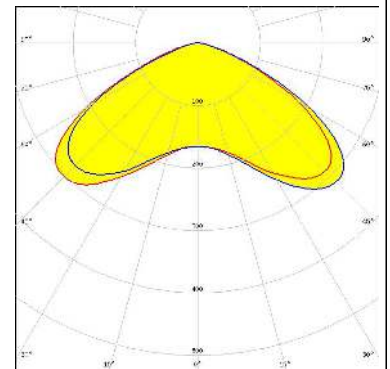
LED NVSW319B  
 FWHM / FWTM 139.0° / 162.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



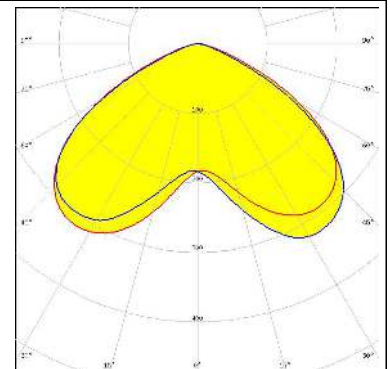
LED NVSW3x9A  
 FWHM / FWTM 138.0° / 165.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



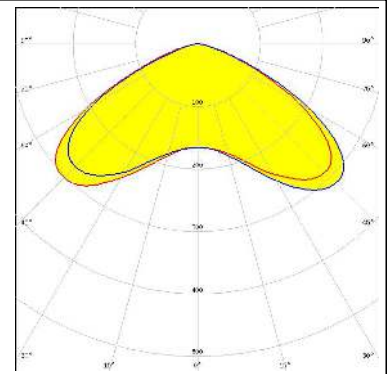
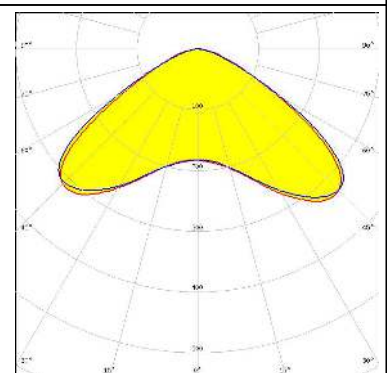
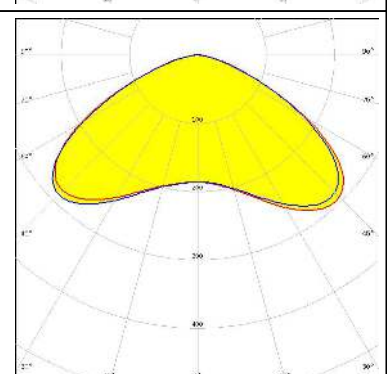
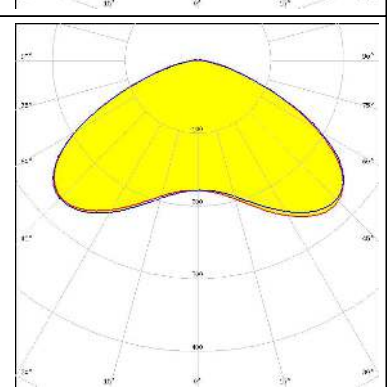
LED PrevaLED Brick HP 2x8  
 FWHM / FWTM 137.0° / 157.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Duris S8  
 FWHM / FWTM 131.0° / 154.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

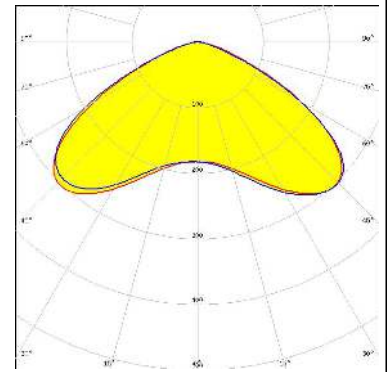
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 137.0° / 157.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Square PC</p> <p>FWHM / FWTM 130.0° / 161.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 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 FastFlex LED 2x8 DA G4</p> <p>FWHM / FWTM 136.0° / 161.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 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 FastFlex LED 2x8 DA G4+</p> <p>FWHM / FWTM 130.0° / 157.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	



#### OPTICAL RESULTS (MEASURED):

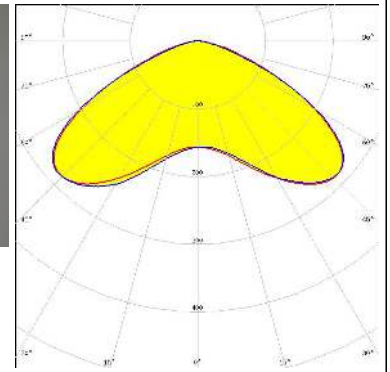
### PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5  
 FWHM / FWTM 124.0° / 151.0°  
 Efficiency 98 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



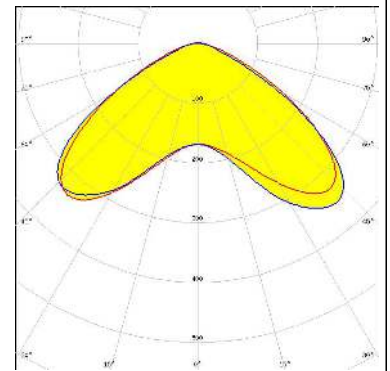
### PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4  
 FWHM / FWTM 141.0° / 164.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



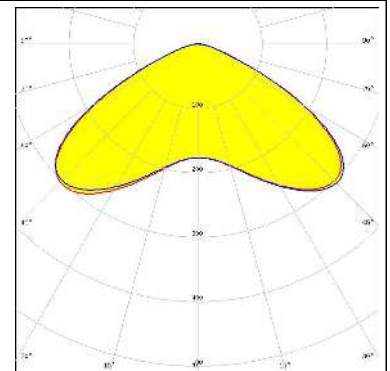
### SAMSUNG

LED HiLOM RC12 Z (LH181B)  
 FWHM / FWTM 118.0° / 145.0°  
 Efficiency 99 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SAMSUNG

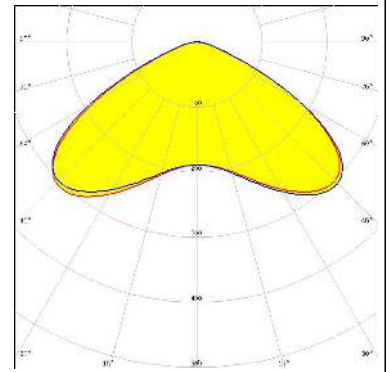
LED HiLOM RH12 Z (LH351C)  
 FWHM / FWTM 133.0° / 160.0°  
 Efficiency 97 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

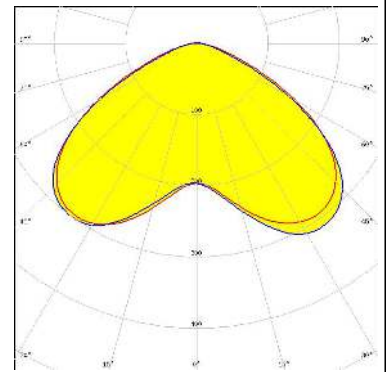
### SAMSUNG

LED HiLOM RH16 (LH351C)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



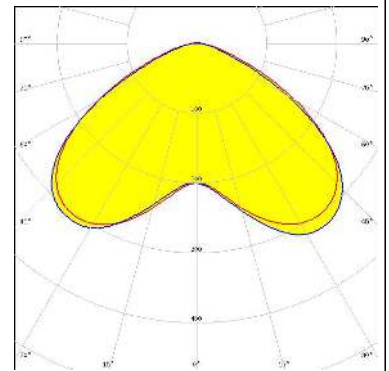
### SAMSUNG

LED HiLOM RM12 Z (LH502C)  
 FWHM / FWTM 121.0° / 150.0°  
 Efficiency 97 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



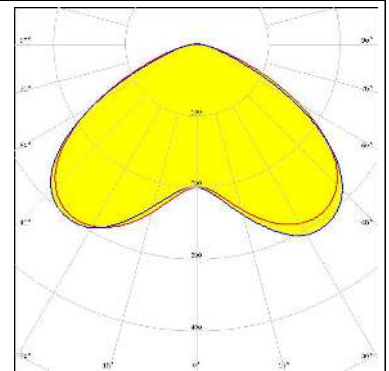
### SAMSUNG

LED HiLOM RM16 Z (LH502C)  
 FWHM / FWTM 122.0° / 152.0°  
 Efficiency 99 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SAMSUNG

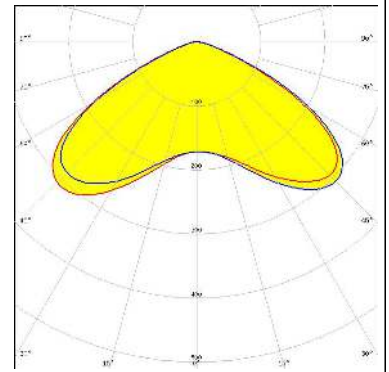
LED HiLOM RM8 Z (LH502C)  
 FWHM / FWTM 123.0° / 153.0°  
 Efficiency 98 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

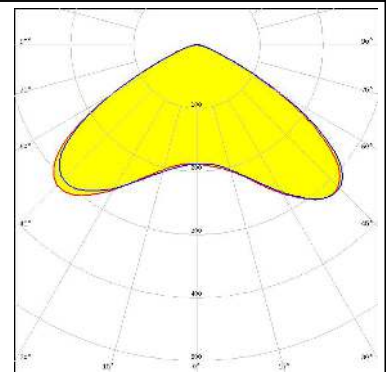
#### SAMSUNG

LED LH351B  
 FWHM / FWTM 134.0° / 158.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



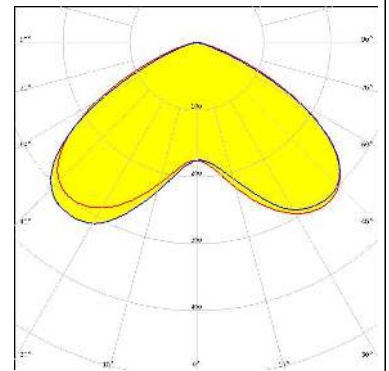
#### SAMSUNG

LED LH351Z  
 FWHM / FWTM 127.0° / 153.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:




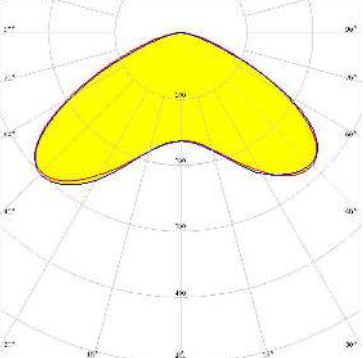

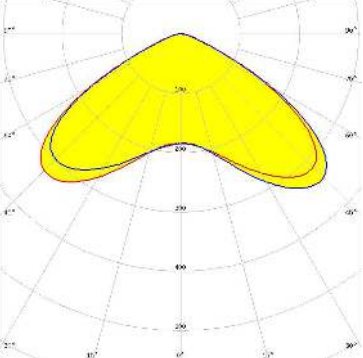

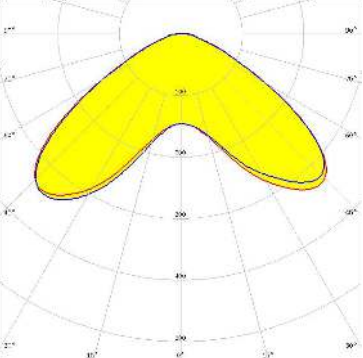

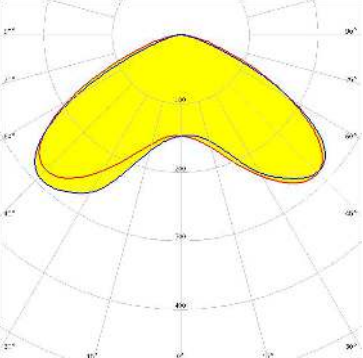
#### SAMSUNG

LED LH508A  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LED-Pa-L15c2W11c2-xxx-C050-01  
 FWHM / FWTM 124.0° / 148.0°  
 Efficiency 98 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### OPTICAL RESULTS (MEASURED):

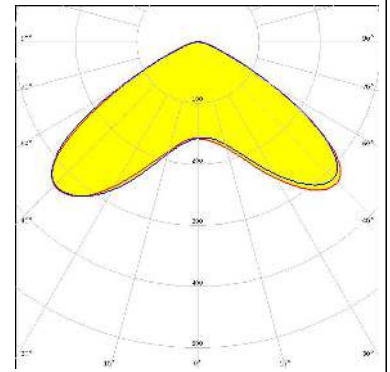
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M4</p> <p>FWHM / FWTM 120.0° / 142.0°</p> <p>Efficiency 98 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM / FWTM 117.0° / 146.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 136.0° / 163.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

#### OPTICAL RESULTS (MEASURED):

##### TOSHIBA

Leading Innovation >>>

LED TL1L4  
FWHM / FWTM 119.0° / 143.0°  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

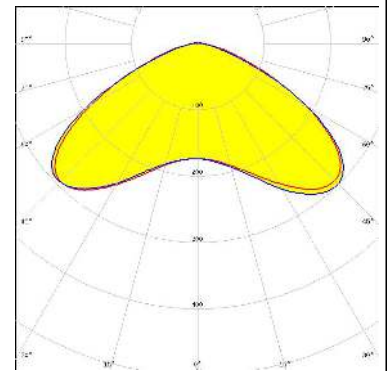


##### TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD  
FWHM / FWTM 137.0° / 159.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

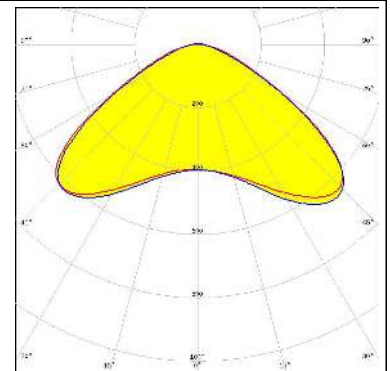
##### TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD  
FWHM / FWTM 137.0° / 159.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### TRIDONIC

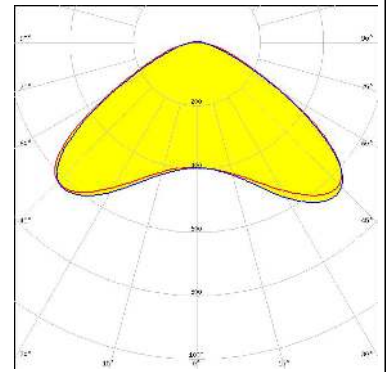
LED RLE G1 49x121mm 2000lm xxx EXC OTD  
FWHM / FWTM 129.0° / 158.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (MEASURED):

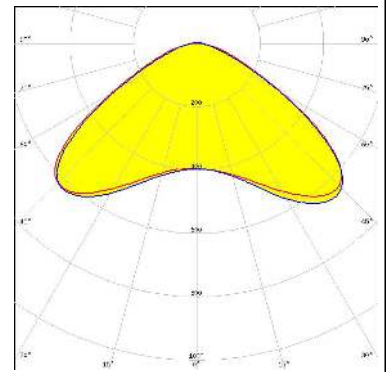
#### TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD  
FWHM / FWTM 129.0° / 158.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



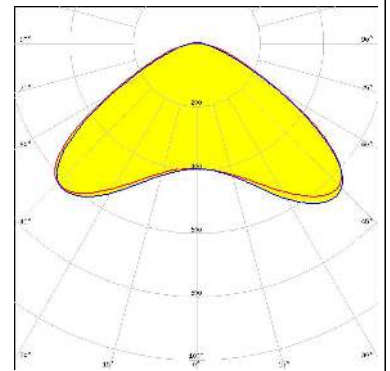
#### TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD  
FWHM / FWTM 129.0° / 158.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



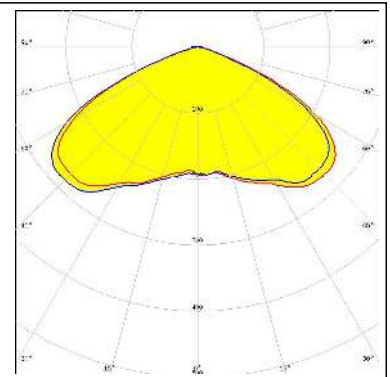
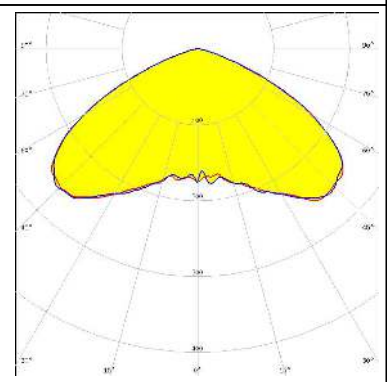
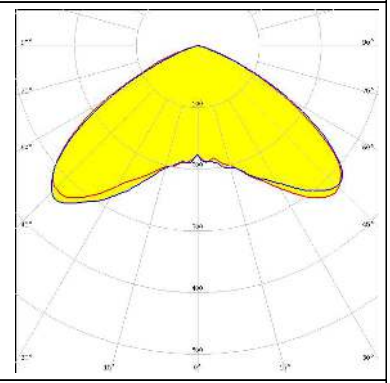
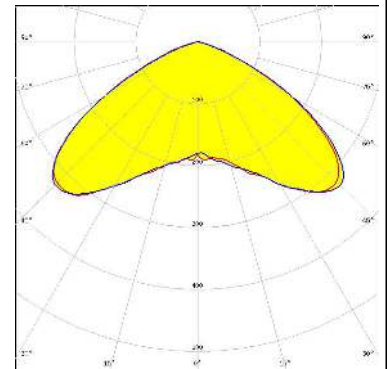
#### TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD  
FWHM / FWTM 129.0° / 158.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





#### OPTICAL RESULTS (SIMULATED):

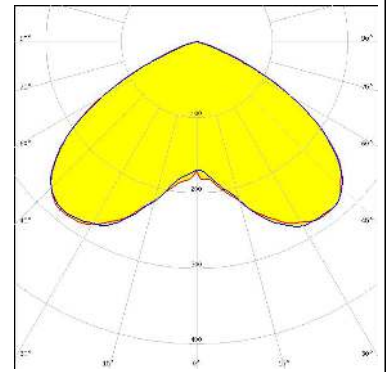
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XP-G2 HE            FWHM / FWTM: 130.0° / 146.0°            Efficiency: 95 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XP-G3            FWHM / FWTM: 128.0° / 148.0°            Efficiency: 84 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p> <p style="background-color: #ADD8E6; padding: 2px; display: inline-block;">Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 3030 2D (Round LES)            FWHM / FWTM: 119.0° / 141.0°            Efficiency: 94 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 3030 2D (Square LES)            FWHM / FWTM: 121.0° / 143.0°            Efficiency: 94 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

##### LUMILEDS

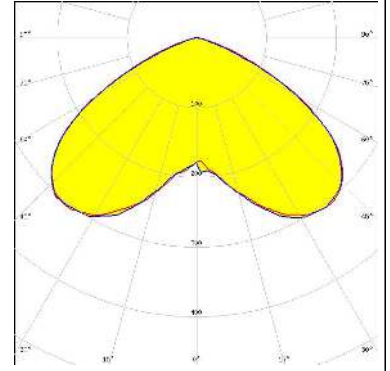
LED LUXEON 5050 HE  
 FWHM / FWTM 120.0° / 143.0°  
 Efficiency 87 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



##### LUMILEDS

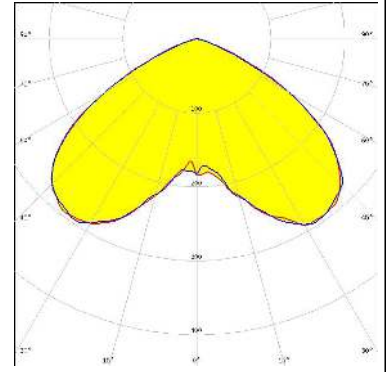
LED LUXEON 5050 HE  
 FWHM / FWTM 122.0° / 145.0°  
 Efficiency 96 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

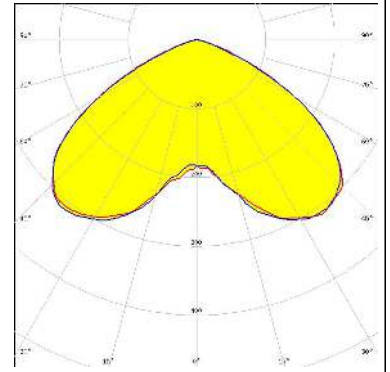
LED LUXEON 5050 Round LES  
 FWHM / FWTM 120.0° / 141.0°  
 Efficiency 88 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

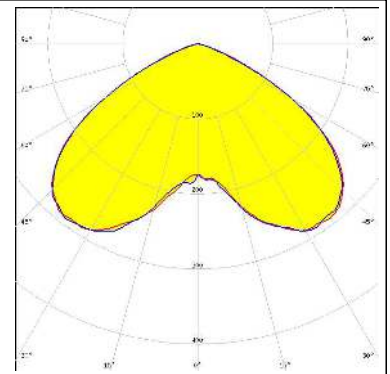
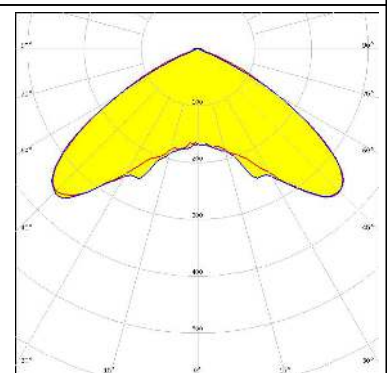
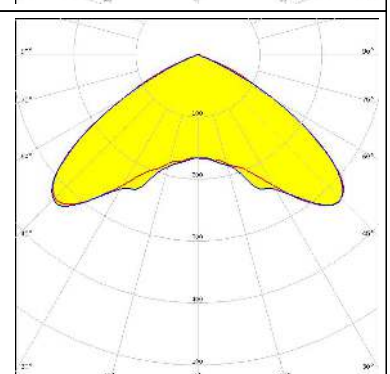
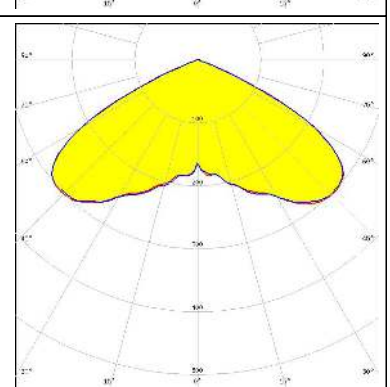


##### LUMILEDS

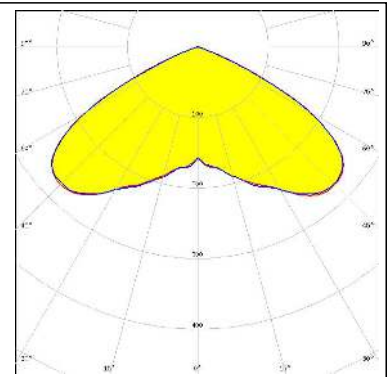
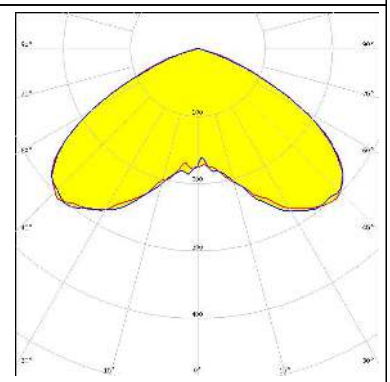
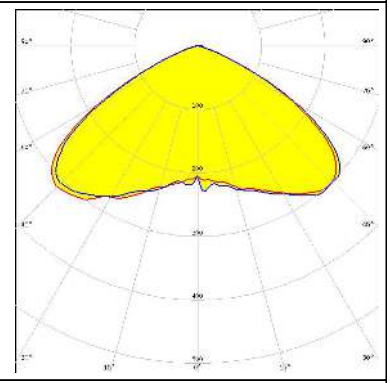
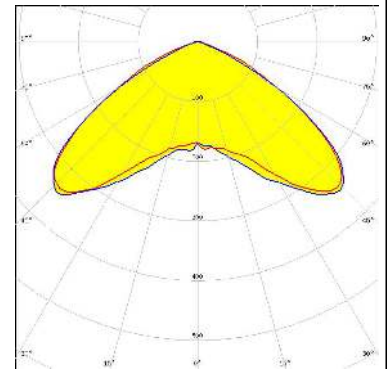
LED LUXEON 5050 Square LES  
 FWHM / FWTM 120.0° / 143.0°  
 Efficiency 96 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



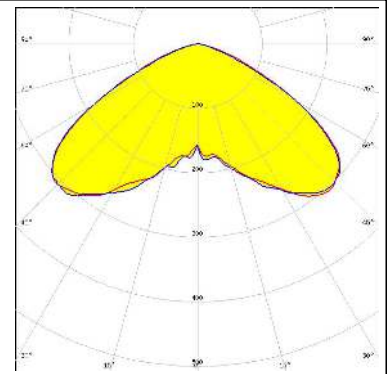
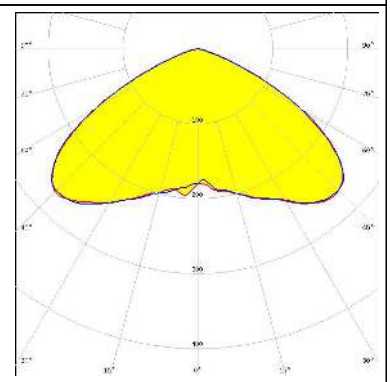
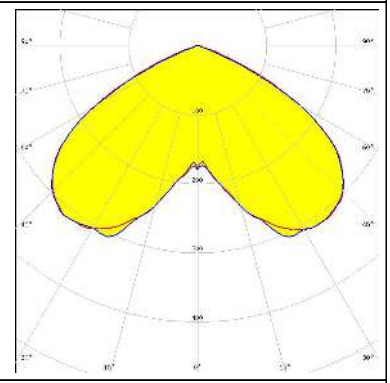
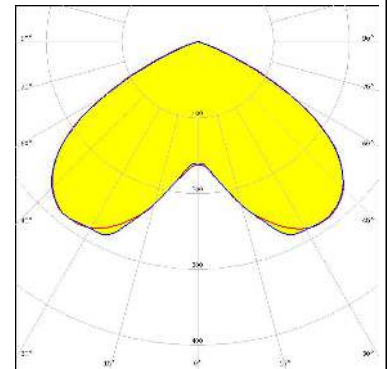
#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 120.0° / 141.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON HL2Z</p> <p>FWHM / FWTM 118.0° / 136.0°</p> <p>Efficiency 95 %</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><b>LUMILEDS</b></p> <p>LED LUXEON HL2Z</p> <p>FWHM / FWTM 117.0° / 134.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)</p> <p>FWHM / FWTM 126.0° / 138.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)</p> <p>FWHM / FWTM 124.0° / 138.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p><b>NICHIA</b></p> <p>LED NV4WB35AM</p> <p>FWHM / FWTM 124.0° / 147.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.3 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 NVSW219D</p> <p>FWHM / FWTM 120.0° / 140.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 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 NVSxE21A</p> <p>FWHM / FWTM 118.0° / 138.0°</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):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM: 116.0° / 144.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.3 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: OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM: 124.0° / 144.0°</p> <p>Efficiency: 84 %</p> <p>Peak intensity: 0.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p><b>PHILIPS</b></p> <p>LED: Fortimo FastFlex LED 2x8 DA HE</p> <p>FWHM / FWTM: 122.0° / 140.0 + 138.0°</p> <p>Efficiency: 97 %</p> <p>Peak intensity: 0.3 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 FastFlex LED 2x8 DA HE</p> <p>FWHM / FWTM: 120.0° / 140.0 + 138.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 0.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	

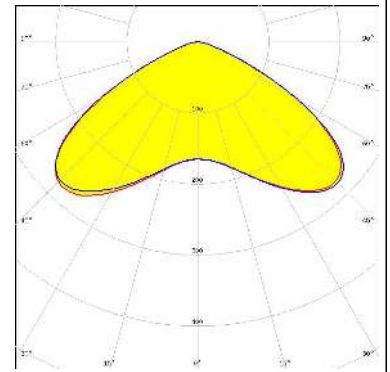


#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

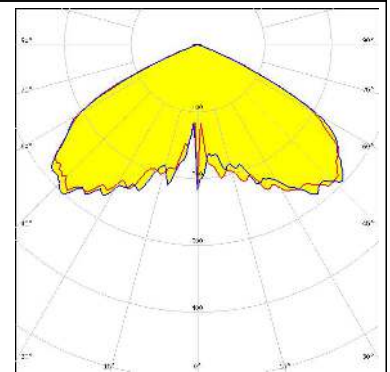
LED HILOM RH12 Z (LH351C)  
 FWHM / FWTM 123.0° / 144.0°  
 Efficiency 86 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

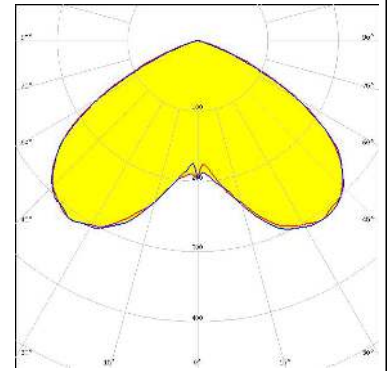


### SAMSUNG

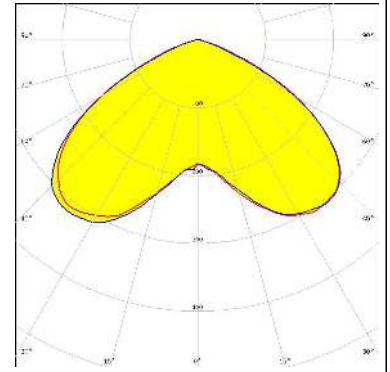
LED LH351D  
 FWHM / FWTM 123.0° / 140.0°  
 Efficiency 91 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED MJT 5050  
 FWHM / FWTM 121.0° / 143.0°  
 Efficiency 96 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED SEOUL DC 5050 6V  
 FWHM / FWTM 112.0° / 140.0°  
 Efficiency 94 %  
 Peak intensity 0.3 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:

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