

## FLORENCE-1R-UP

Asymmetric beam for uplighting

### SPECIFICATION:

Dimensions	285.6 x 19.5 mm
Height	6.9 mm
Fastening	clips
ROHS compliant	yes ⓘ

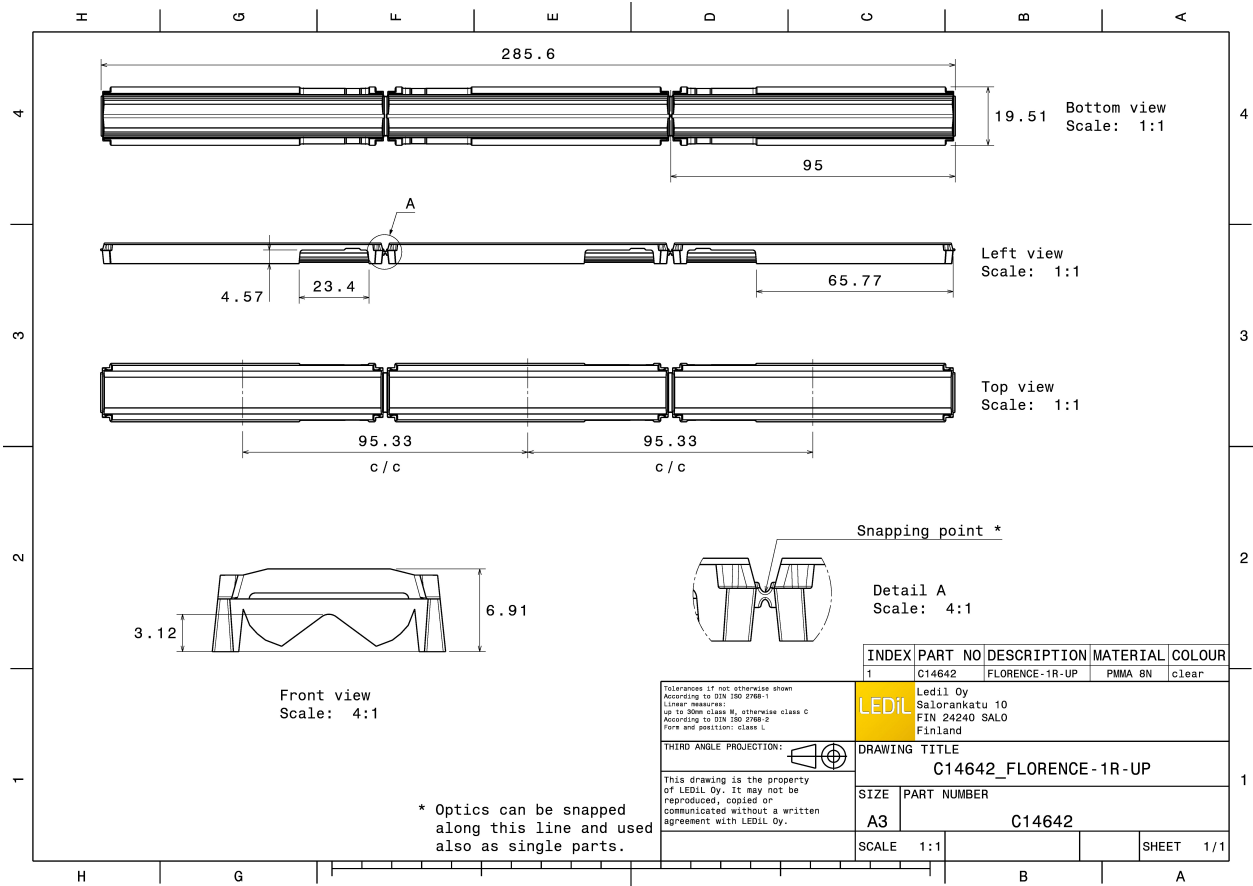
### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14642_FLORENCE-1R-UP » Box size: 480 x 280 x 300 mm	210	45	15	8.2



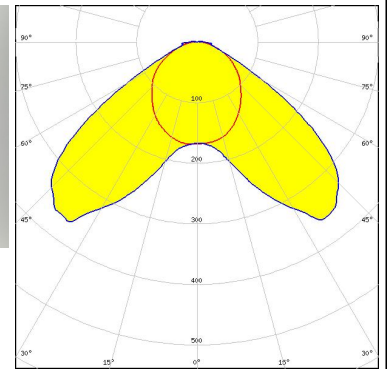


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

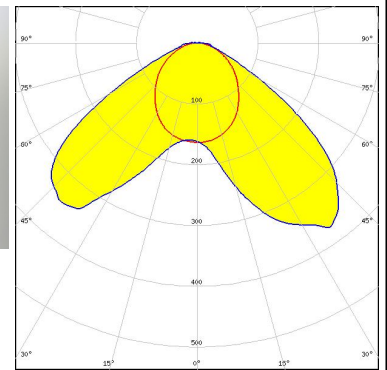
#### OPTICAL RESULTS (MEASURED):



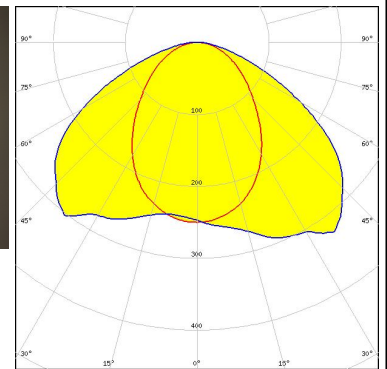
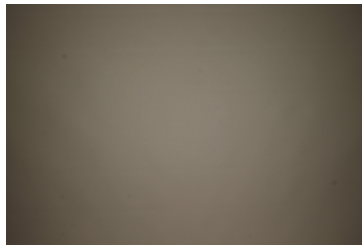
LED CALGD0414-M8W1  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



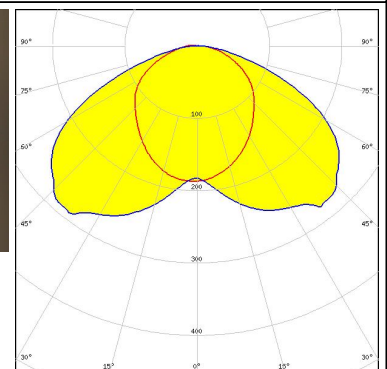
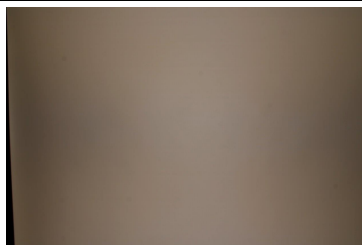
LED CALGD0814-M17W1  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




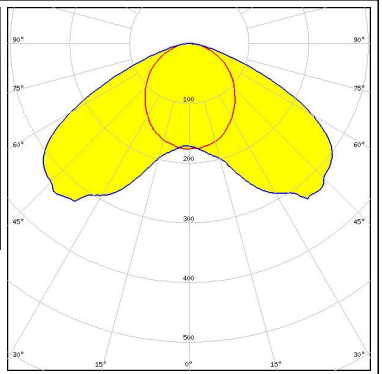

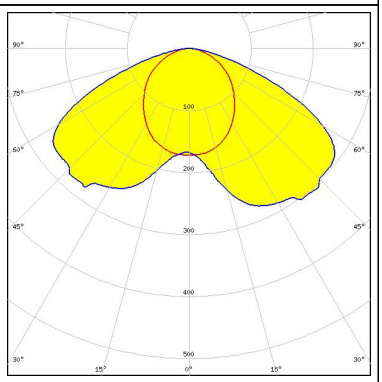

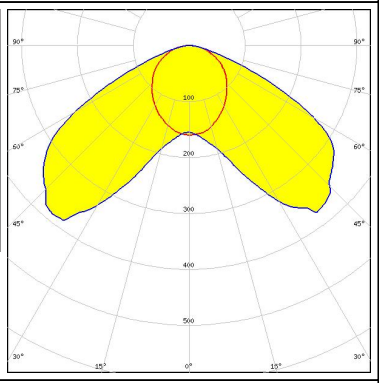

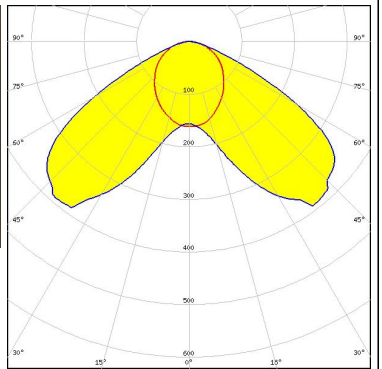
LED L0-280024-xxx-C0800-L267  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XH-B/G  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



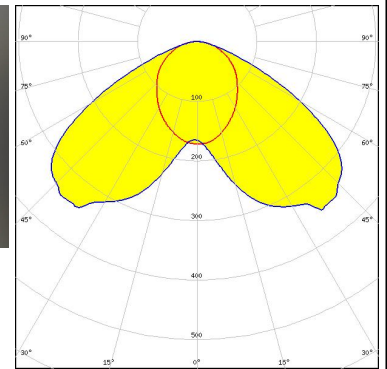
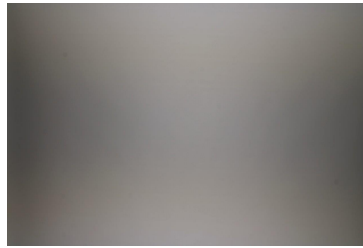
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</p> <p>LED: XP-E            FWHM / FWTM: Asymmetric            Efficiency: 90 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>CREE</b> LEDs</p> <p>LED: XP-G2            FWHM / FWTM: Asymmetric            Efficiency: 90 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 3014            FWHM / FWTM: Asymmetric            Efficiency: 92 %            Peak intensity: 0.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 3020            FWHM / FWTM: Asymmetric            Efficiency: 92 %            Peak intensity: 0.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		

#### OPTICAL RESULTS (MEASURED):

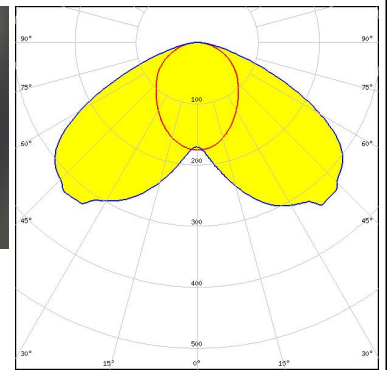
##### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.4 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



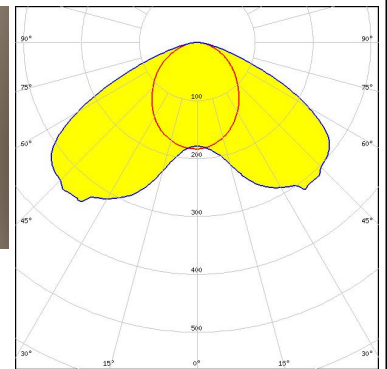
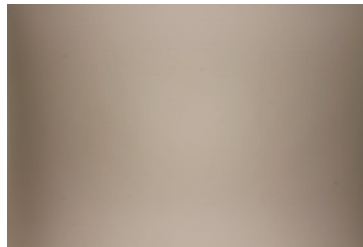
##### LUMILEDS

LED LUXEON 3535L  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



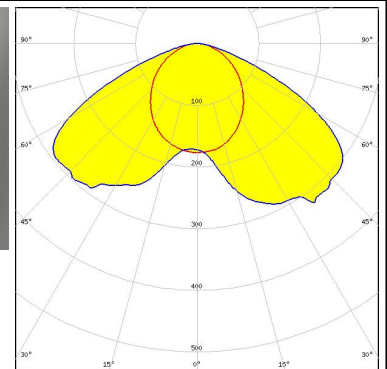
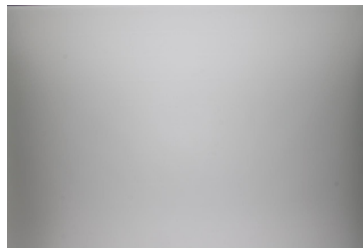
##### LUMILEDS

LED LUXEON Rebel  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

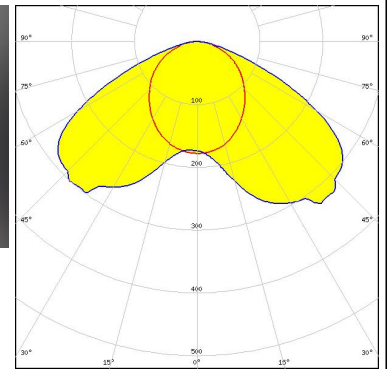
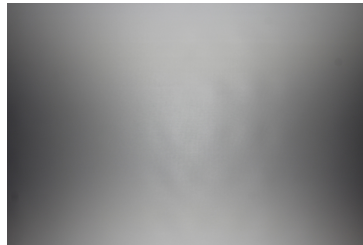
LED LUXEON Rebel ES  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



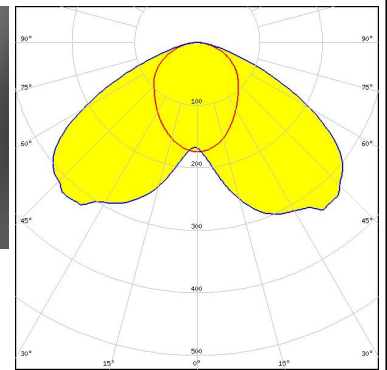
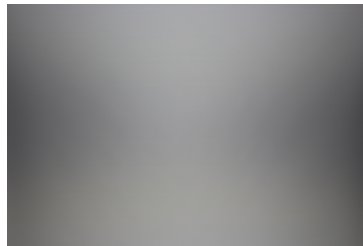
#### OPTICAL RESULTS (MEASURED):



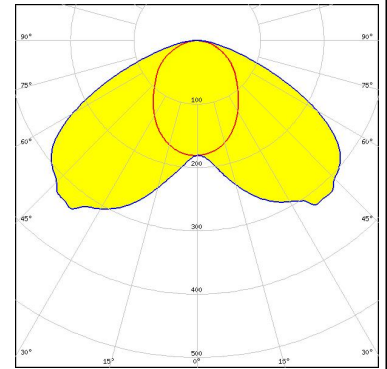
LED NCSxx19B  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



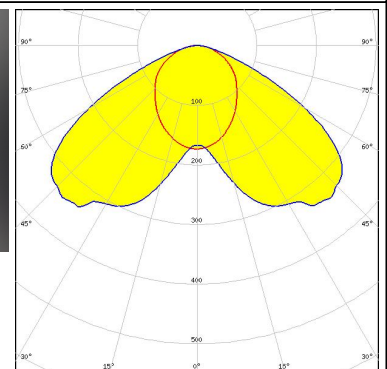
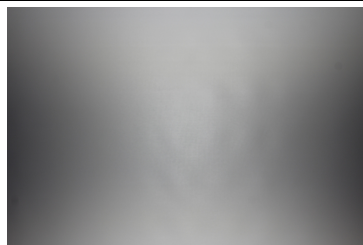
LED NF2x757G  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NFSW757H  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14353\_FLORENCE-1R-CLIP-A



LED Duris S5 (2 chip)  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

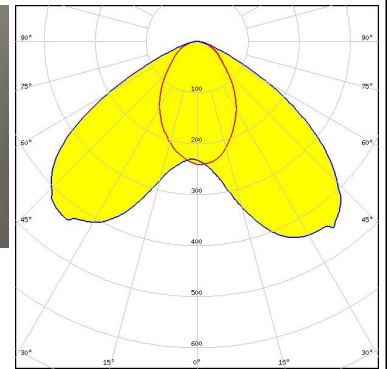
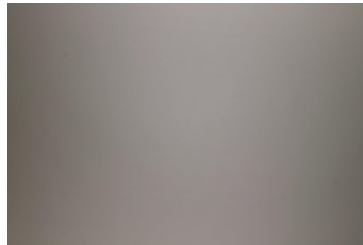


#### OPTICAL RESULTS (MEASURED):

#### OSRAM

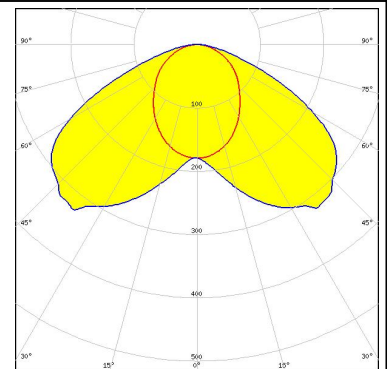
Opto Semiconductors

LED OSLON SSL 80  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



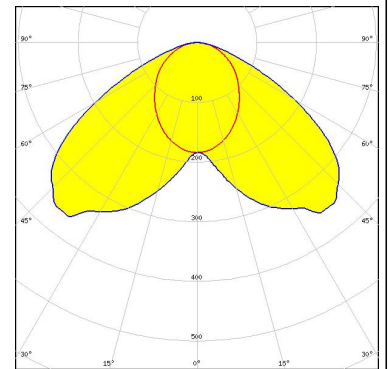
#### PHILIPS

LED Fortimo LED Line 1ft 2000lm 1R HV4  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14353\_FLORENCE-1R-CLIP-A



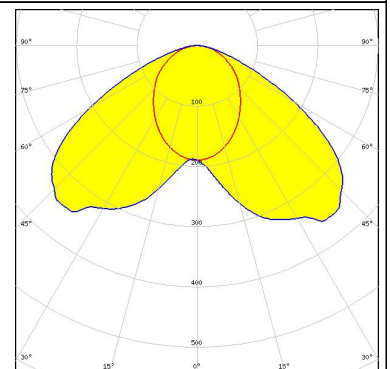
#### PHILIPS

LED Fortimo LED Line 1ft HF 1R HV5  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14353\_FLORENCE-1R-CLIP-A



#### PHILIPS

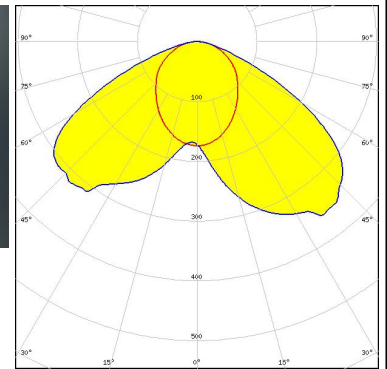
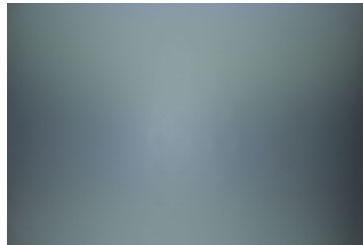
LED Fortimo LED Line 1ft MF 1R HV5 & LV5  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14353\_FLORENCE-1R-CLIP-A



#### OPTICAL RESULTS (MEASURED):

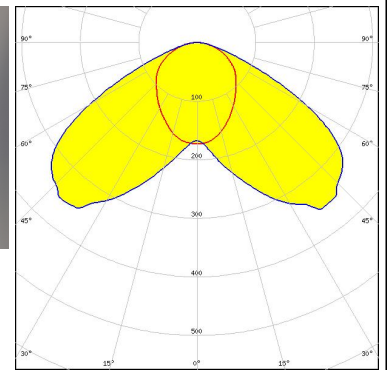
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



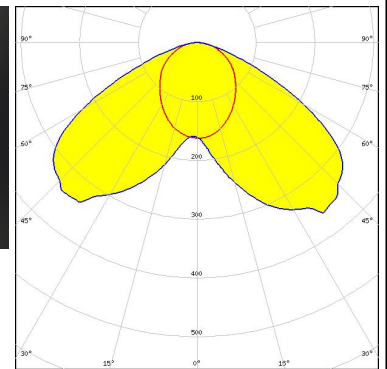
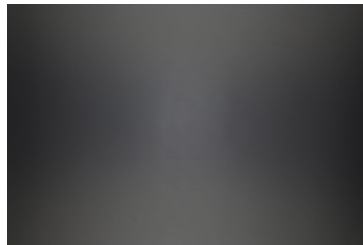
#### SAMSUNG

LED LM301A  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



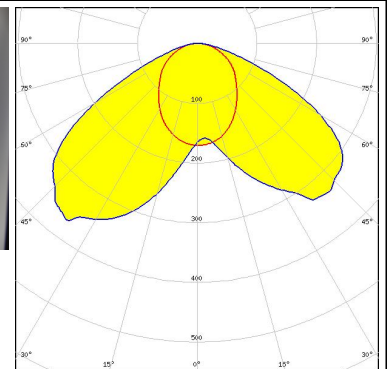
#### SAMSUNG

LED LM561C  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




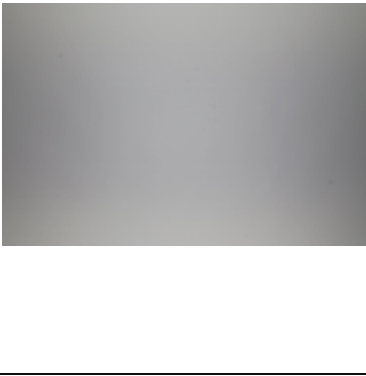
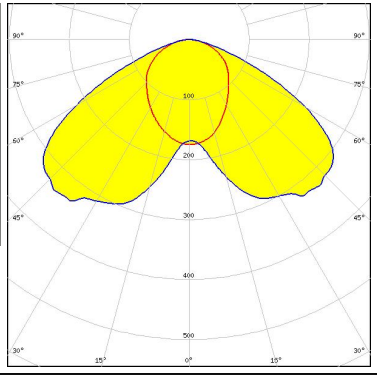

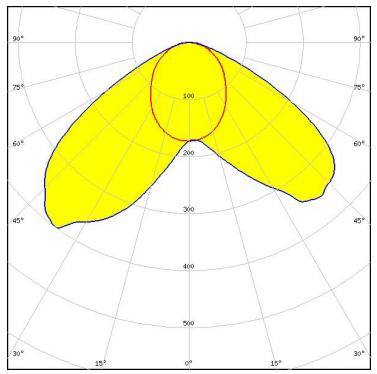
#### SAMSUNG

LED LT-S282N  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

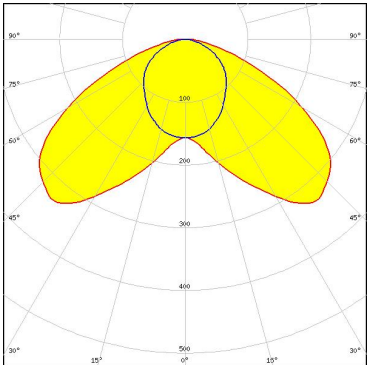
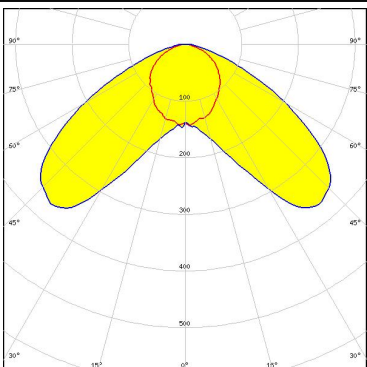
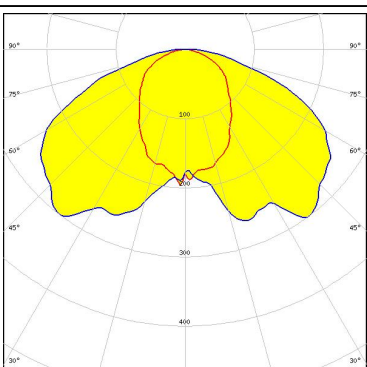
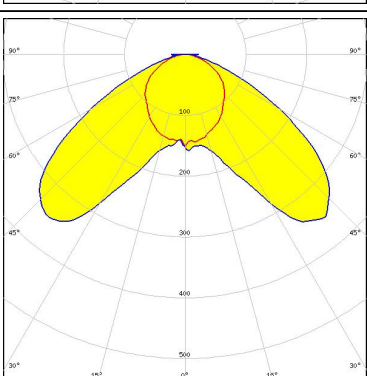




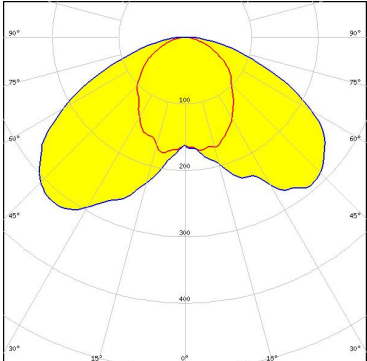
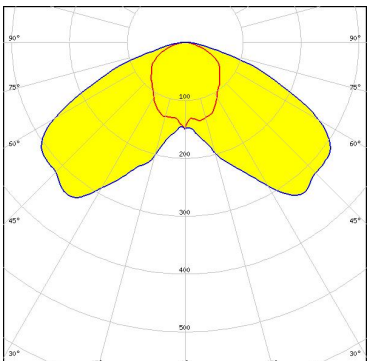
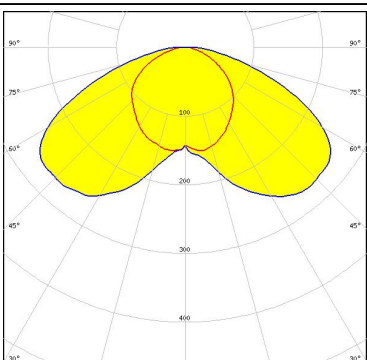
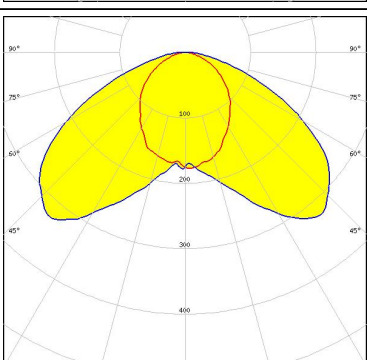
#### OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL 3030</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 91 %</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: SEOUL DC 3030</p> <p>FWHM / FWTM: Asymmetric</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: C14353_FLORENCE-1R-CLIP-A</p>		

#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LEDs</p> <p>LED J Series 3030            FWHM / FWTM Asymmetric            Efficiency 89 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON CSP HL1            FWHM / FWTM Asymmetric            Efficiency 89 %            Peak intensity 0.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NF2W585AR-P8            FWHM / FWTM Asymmetric            Efficiency 91 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NFSWE11A            FWHM / FWTM Asymmetric            Efficiency 86 %            Peak intensity 0.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris E 2835</p> <p>FWHM / FWTM Asymmetric</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><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ C 2424</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</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 Asymmetric</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Red</p> <p>Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LM561B Plus</p> <p>FWHM / FWTM Asymmetric</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>	

#### OPTICAL RESULTS (SIMULATED):

