

## OLGA-W

~40° wide beam with flange. Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

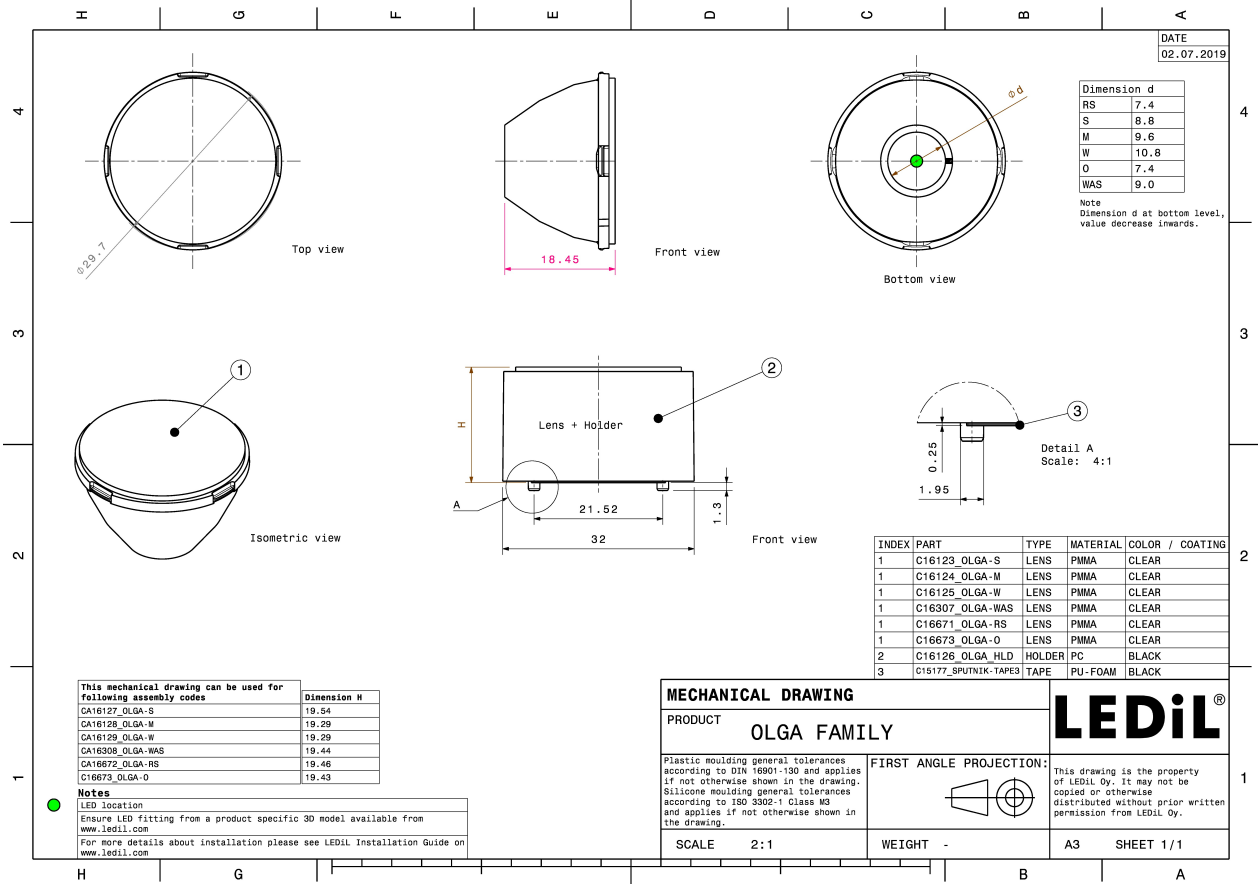
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
OLGA-W	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16129_OLGA-W	Single lens	792	132	66	10.0
» Box size: 476 x 273 x 292 mm					



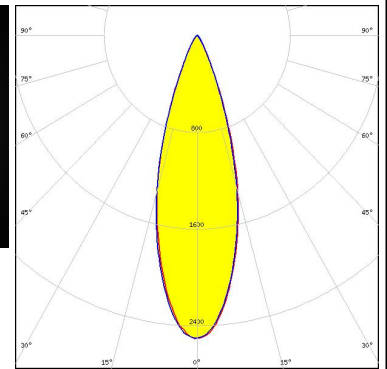
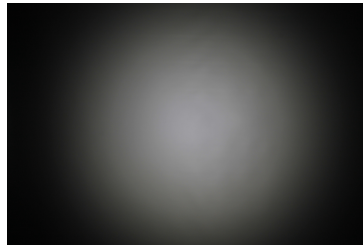


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

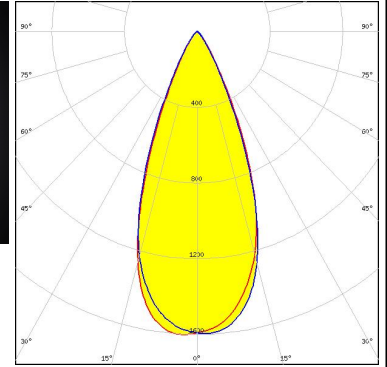
##### CREE LED

LED XD16  
 FWHM / FWTM 32.0° / 54.0°  
 Efficiency 82 %  
 Peak intensity 2.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



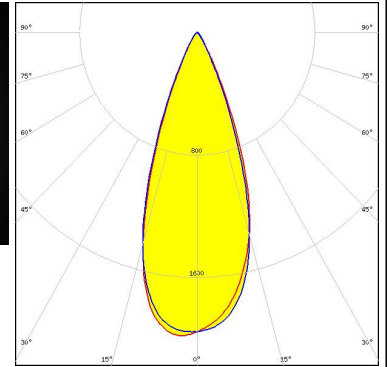
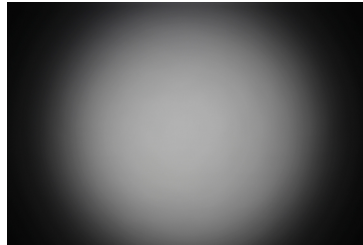
##### CREE LED

LED XHP35 HD  
 FWHM / FWTM 42.0° / 65.0°  
 Efficiency 84 %  
 Peak intensity 1.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



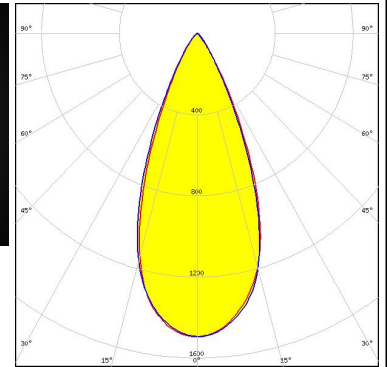
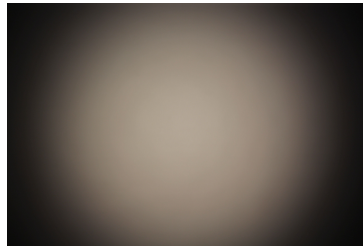
##### CREE LED

LED XHP35 HI  
 FWHM / FWTM 38.0° / 58.0°  
 Efficiency 85 %  
 Peak intensity 2 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:

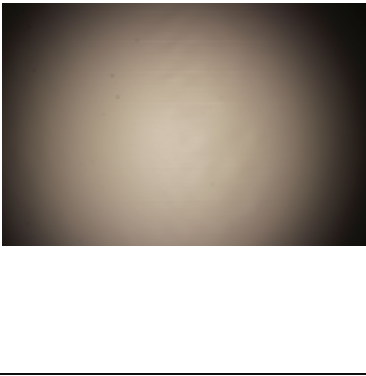
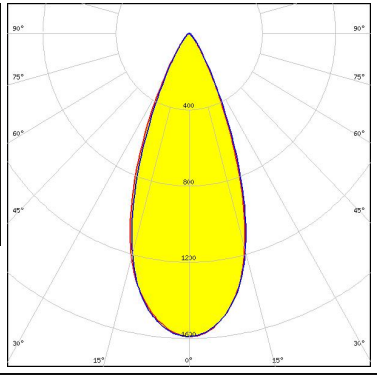

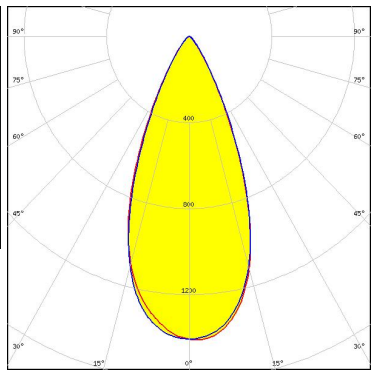

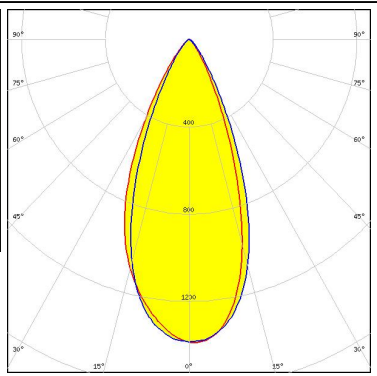
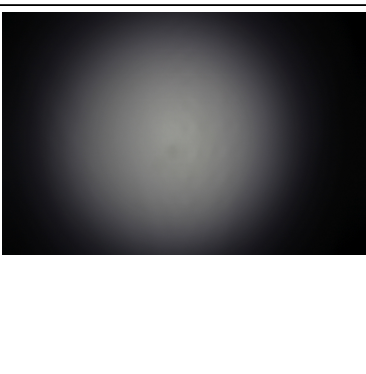
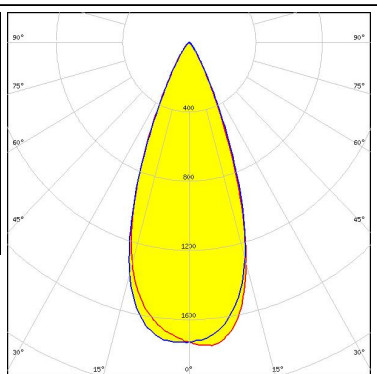


##### CREE LED


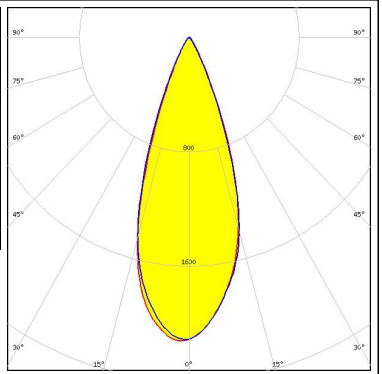

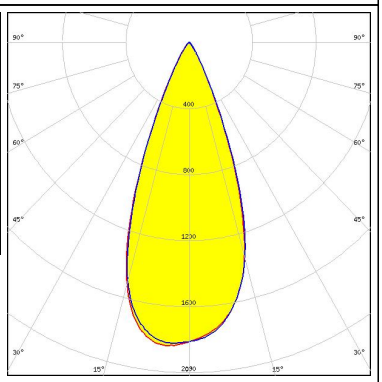

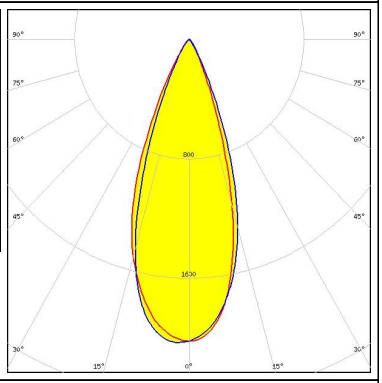

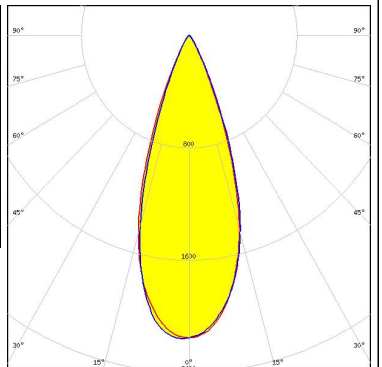
LED XHP50  
 FWHM / FWTM 43.0° / 68.0°  
 Efficiency 84 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:




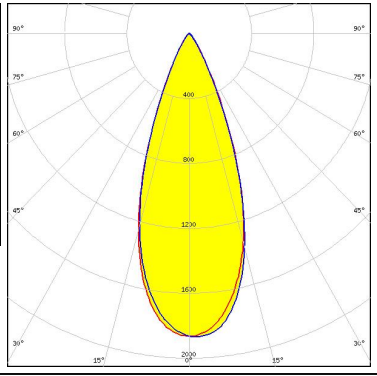

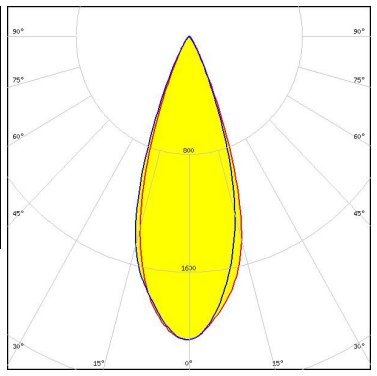

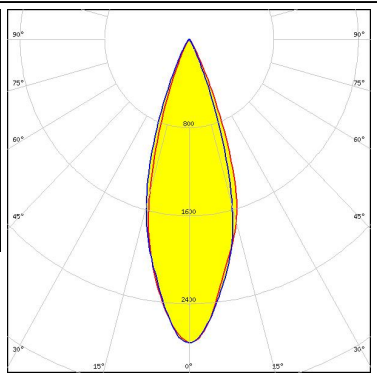

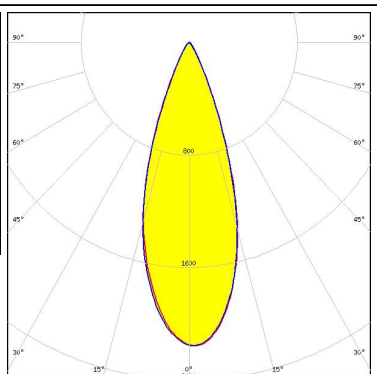
#### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XHP50.2            FWHM / FWTM 42.0° / 66.0°            Efficiency 84 %            Peak intensity 1.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XHP70            FWHM / FWTM 44.0° / 70.0°            Efficiency 84 %            Peak intensity 1.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XHP70.2            FWHM / FWTM 44.0° / 71.0°            Efficiency 83 %            Peak intensity 1.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XM-L3            FWHM / FWTM 40.0° / 62.0°            Efficiency 85 %            Peak intensity 1.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

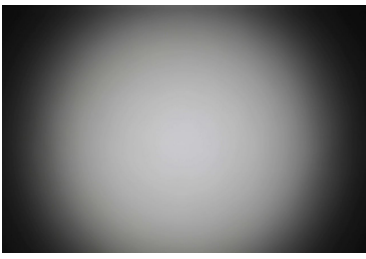
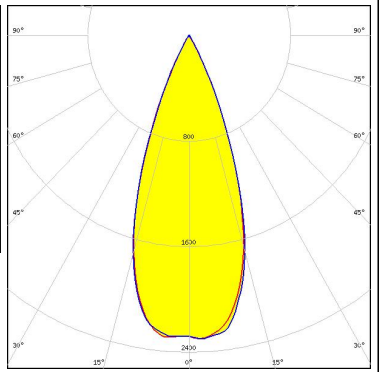

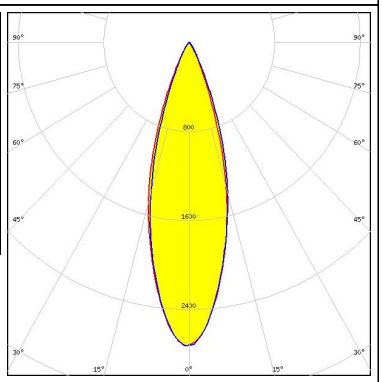

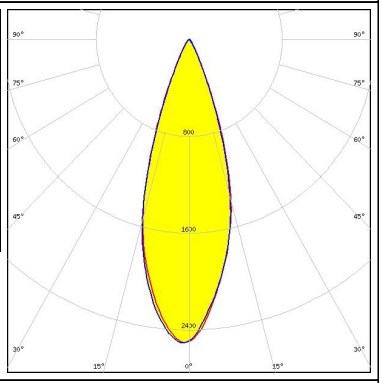
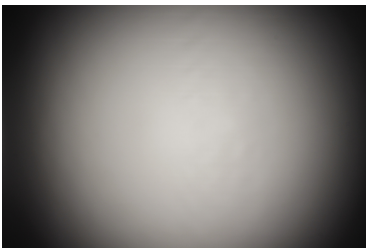
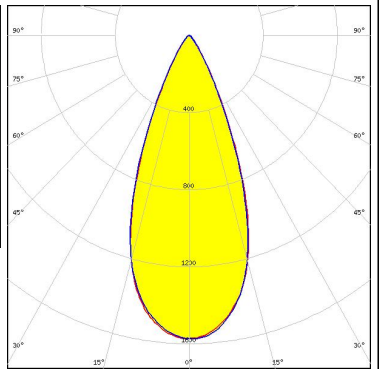
#### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED            XP-E2            FWHM / FWTM    37.0° / 57.0°            Efficiency        86 %            Peak intensity    2.1 cd/lm            LEDs/each optic    1            Light colour      White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED            XP-G2            FWHM / FWTM    41.0° / 60.0°            Efficiency        86 %            Peak intensity    1.8 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    37.0° / 59.0°            Efficiency        85 %            Peak intensity    2 cd/lm            LEDs/each optic    1            Light colour      White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED            XP-L HI            FWHM / FWTM    37.0° / 56.0°            Efficiency        86 %            Peak intensity    2.2 cd/lm            LEDs/each optic    1            Light colour      White            Required components:</p>		


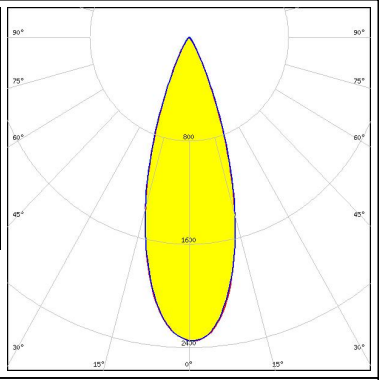

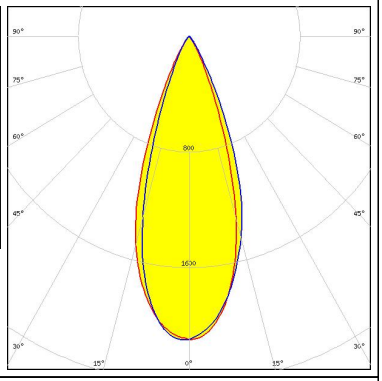
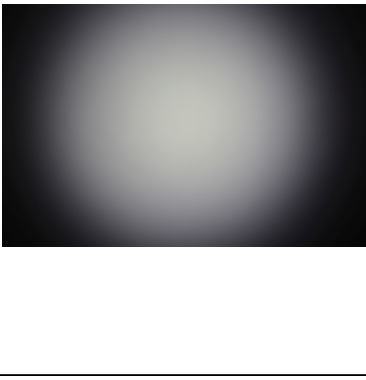
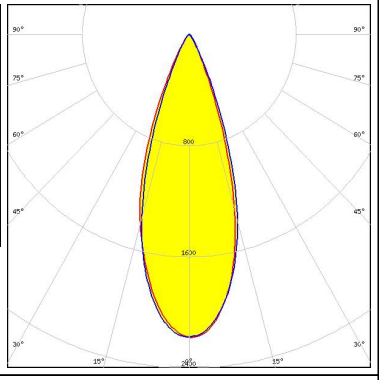

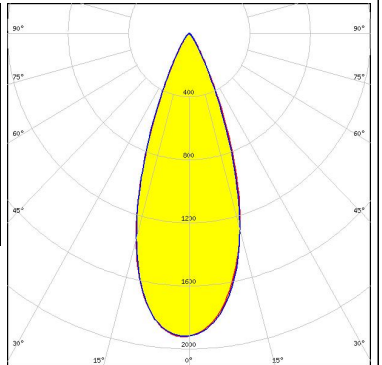
### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-L2            FWHM / FWTM    39.0° / 61.0°            Efficiency        84 %            Peak intensity    1.8 cd/m            LEDs/each optic    1            Light colour      White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XQ-E HD            FWHM / FWTM    37.0° / 57.0°            Efficiency        81 %            Peak intensity    2.1 cd/m            LEDs/each optic    1            Light colour      White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XQ-E HI            FWHM / FWTM    34.0° / 54.0°            Efficiency        85 %            Peak intensity    2.3 cd/m            LEDs/each optic    1            Light colour      White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XT-E            FWHM / FWTM    35.0° / 57.0°            Efficiency        84 %            Peak intensity    2.2 cd/m            LEDs/each optic    1            Light colour      White            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 35.0° / 58.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON C</p> <p>FWHM / FWTM 31.0° / 53.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CZ</p> <p>FWHM / FWTM 34.0° / 53.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON M/MX</p> <p>FWHM / FWTM 42.0° / 66.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

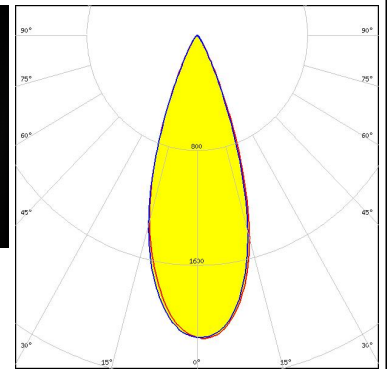
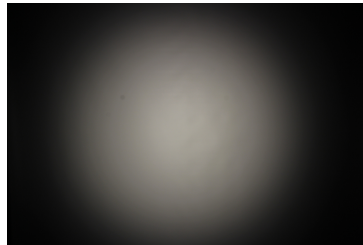
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<p><b>LUMILEDS</b></p> <p>LED LUXEON Rebel ES</p> <p>FWHM / FWTM 37.0° / 58.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON TX</p> <p>FWHM / FWTM 36.0° / 57.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.2 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 V</p> <p>FWHM / FWTM 38.0° / 60.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		



#### PHOTOMETRIC DATA (MEASURED):

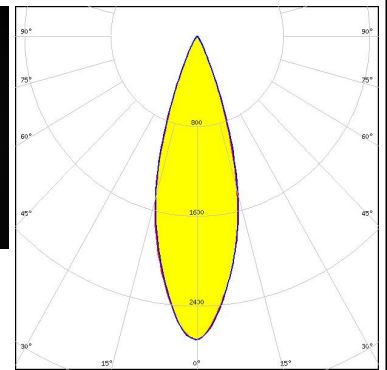
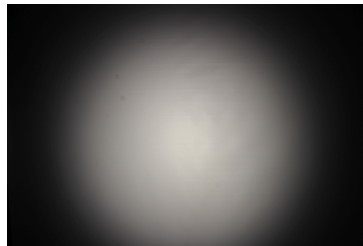
##### LUMILEDS

LED LUXEON V2  
 FWHM / FWTM 37.0° / 57.0°  
 Efficiency 85 %  
 Peak intensity 2.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



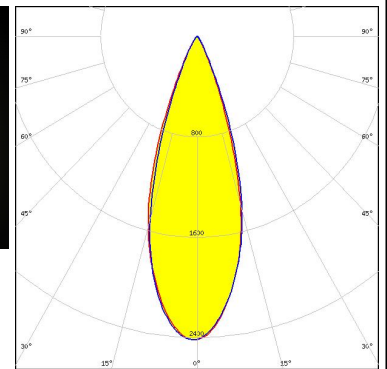
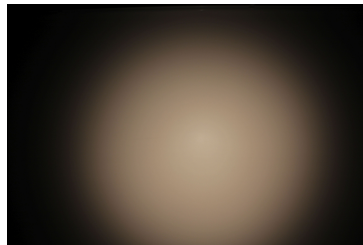
##### LUMILEDS

LED LUXEON Z  
 FWHM / FWTM 32.0° / 52.0°  
 Efficiency 85 %  
 Peak intensity 2.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



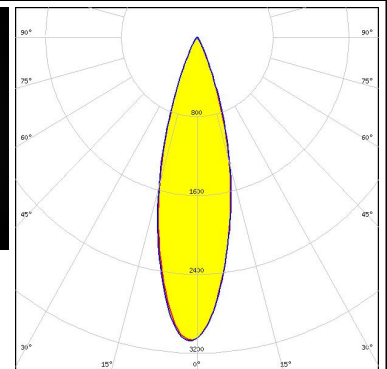
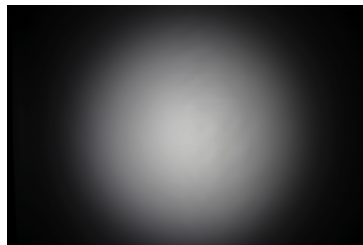
##### LUMILEDS

LED LUXEON Z ES  
 FWHM / FWTM 35.0° / 54.0°  
 Efficiency 86 %  
 Peak intensity 2.4 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:

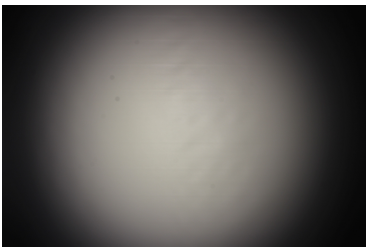
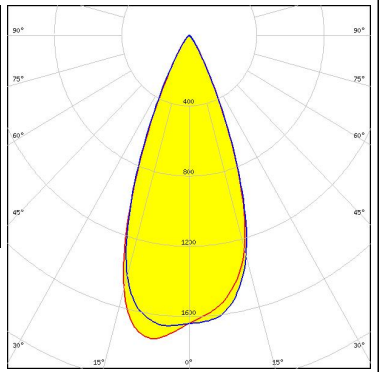
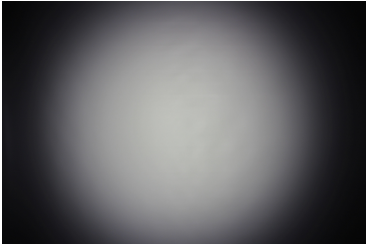
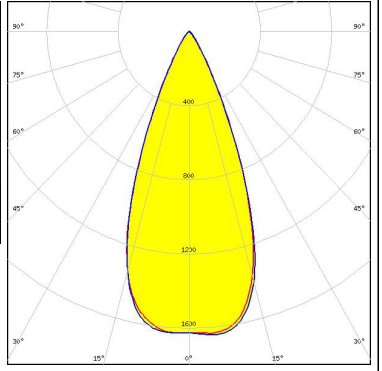
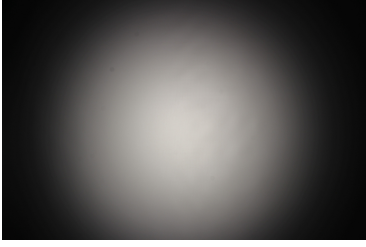
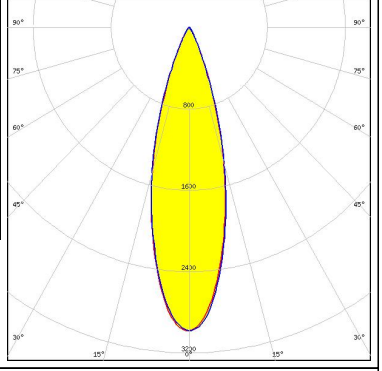
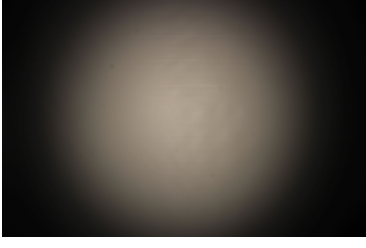
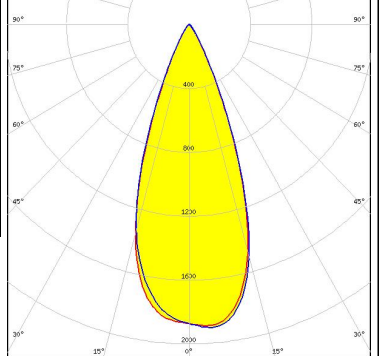


##### NICHIA


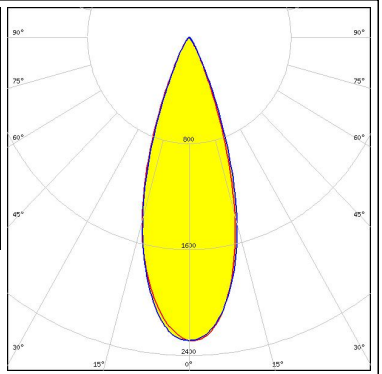

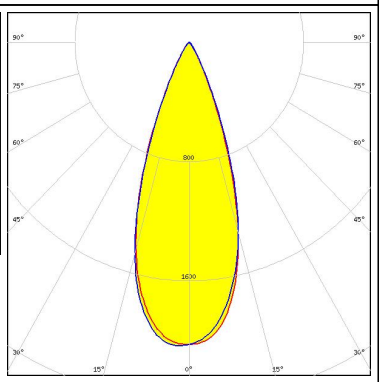

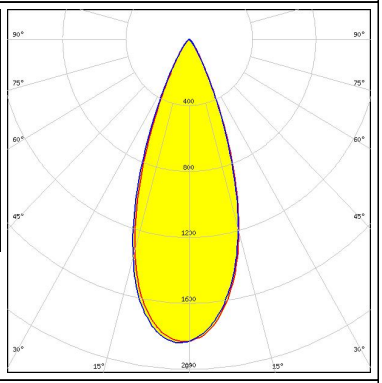

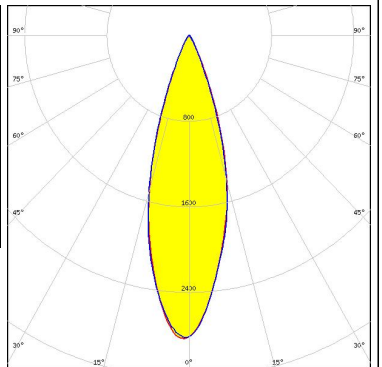
LED NCSxE17A  
 FWHM / FWTM 28.0° / 50.0°  
 Efficiency 86 %  
 Peak intensity 3.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW219F            FWHM / FWTM 42.0° / 62.0°            Efficiency 85 %            Peak intensity 1.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW319B            FWHM / FWTM 43.0° / 63.0°            Efficiency 86 %            Peak intensity 1.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxE21A            FWHM / FWTM 29.0° / 51.0°            Efficiency 86 %            Peak intensity 3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 39.0° / 60.0°            Efficiency 85 %            Peak intensity 1.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

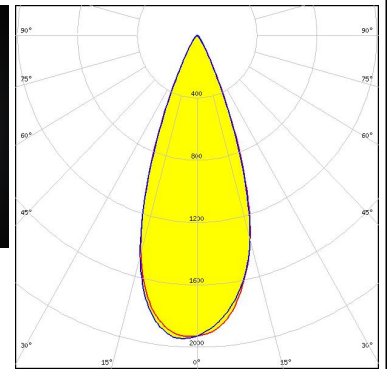
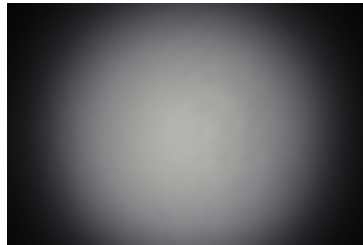
### PHOTOMETRIC DATA (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (2W version)</p> <p>FWHM / FWTM 35.0° / 56.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.3 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 P 3737 (3W version)</p> <p>FWHM / FWTM 38.0° / 59.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2 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 P 7070</p> <p>FWHM / FWTM 39.0° / 62.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.8 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 Black Flat</p> <p>FWHM / FWTM 31.0° / 51.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

### PHOTOMETRIC DATA (MEASURED):

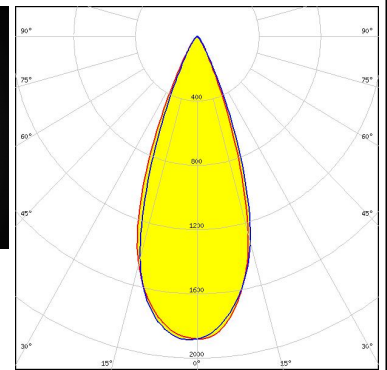
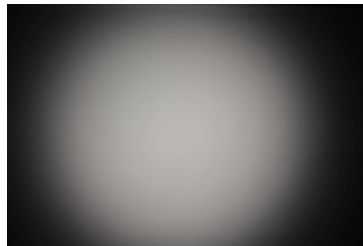
#### OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 39.0° / 59.0°  
 Efficiency 85 %  
 Peak intensity 2 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



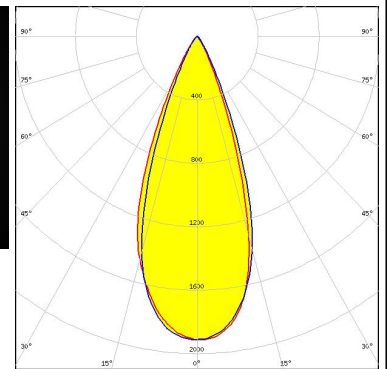
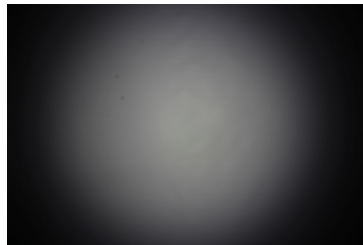
#### OSRAM Opto Semiconductors

LED OSLON Square EC  
 FWHM / FWTM 39.0° / 59.0°  
 Efficiency 84 %  
 Peak intensity 1.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



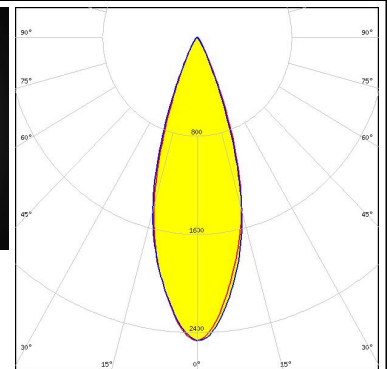
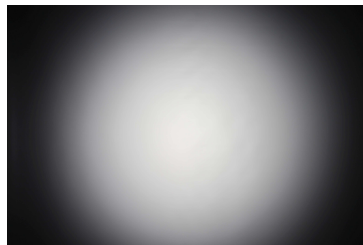
#### OSRAM Opto Semiconductors

LED OSLON Square PC  
 FWHM / FWTM 39.0° / 60.0°  
 Efficiency 85 %  
 Peak intensity 1.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM Opto Semiconductors

LED OSLON SSL 150  
 FWHM / FWTM 34.0° / 54.0°  
 Efficiency 85 %  
 Peak intensity 2.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:

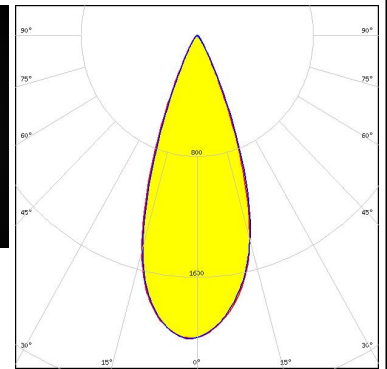
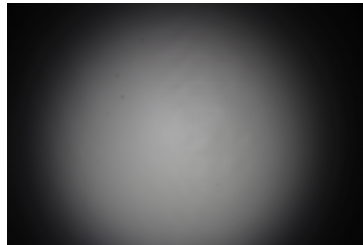


#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

Opto Semiconductors

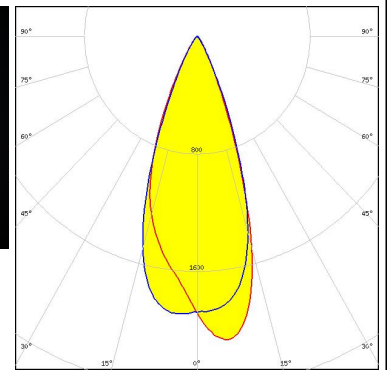
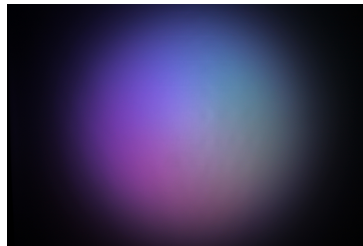
LED OSLON SSL 80  
 FWHM / FWTM 38.0° / 58.0°  
 Efficiency 85 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

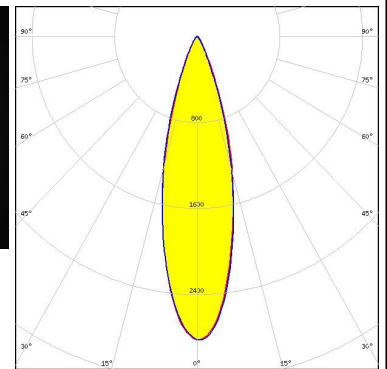
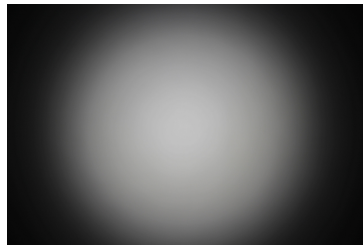
Opto Semiconductors

LED OSTAR Stage (S2WN)  
 FWHM / FWTM 38.0° / 59.0°  
 Efficiency 85 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



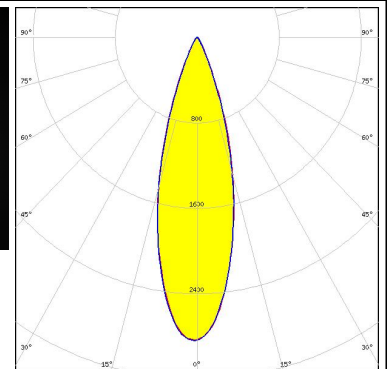
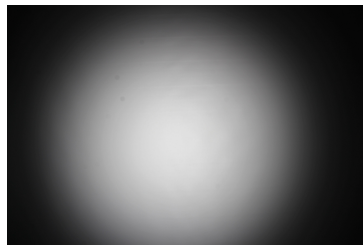
#### SAMSUNG

LED LH181A  
 FWHM / FWTM 28.0° / 51.0°  
 Efficiency 82 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

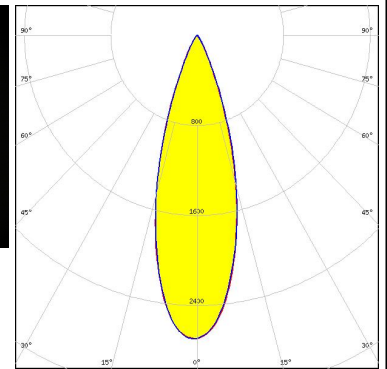
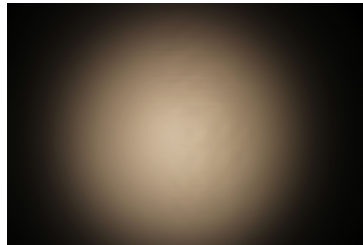
LED LH181B  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 85 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

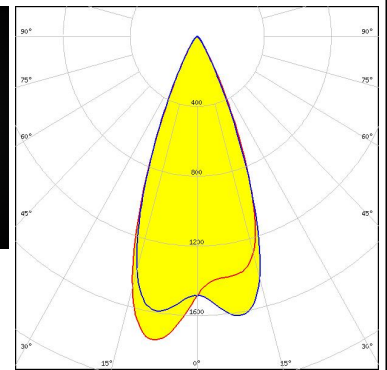
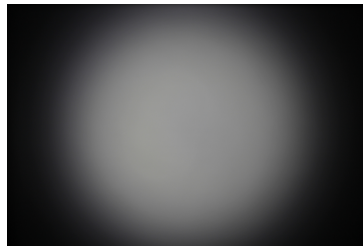
### SAMSUNG

LED LH231B  
 FWHM / FWTM 31.0° / 53.0°  
 Efficiency 86 %  
 Peak intensity 2.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



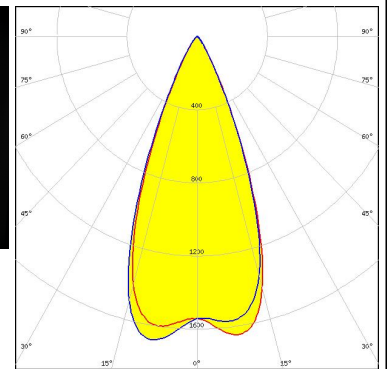
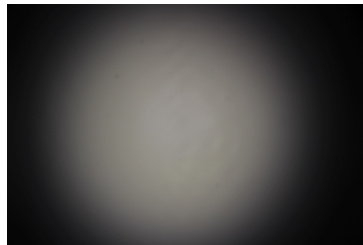
### SAMSUNG

LED LH351B  
 FWHM / FWTM 41.0° / 61.0°  
 Efficiency 85 %  
 Peak intensity 1.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



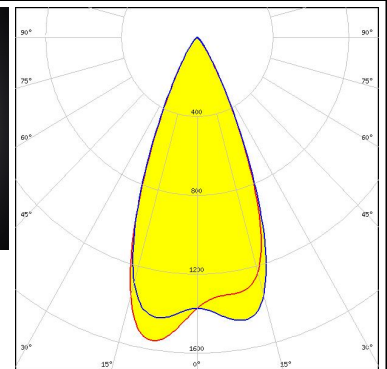
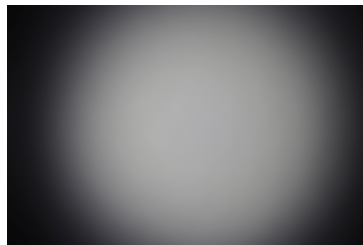
### SAMSUNG

LED LH351C  
 FWHM / FWTM 43.0° / 62.0°  
 Efficiency 86 %  
 Peak intensity 1.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SAMSUNG

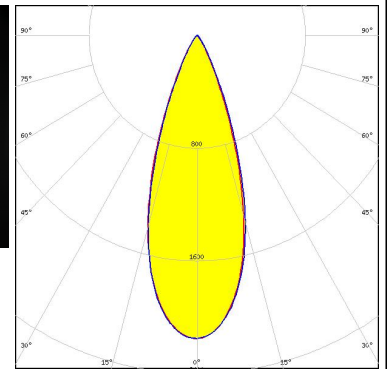
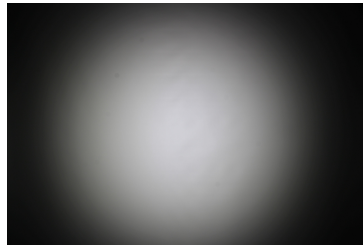
LED LH351D  
 FWHM / FWTM 44.0° / 65.0°  
 Efficiency 85 %  
 Peak intensity 1.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

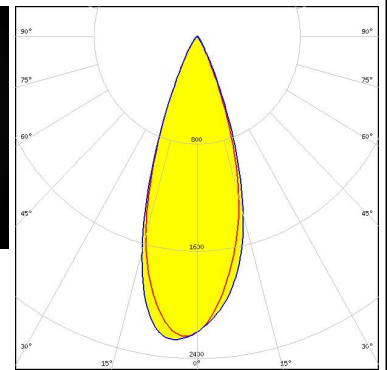
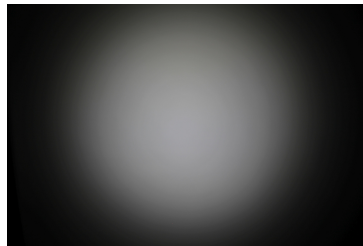
### SAMSUNG

LED LH508A  
 FWHM / FWTM 36.0° / 58.0°  
 Efficiency 86 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



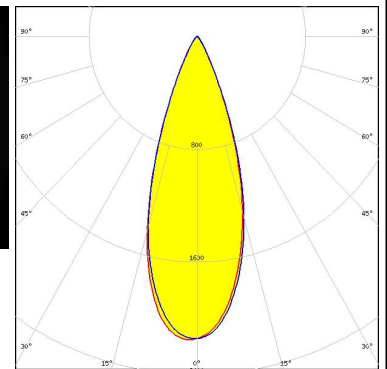
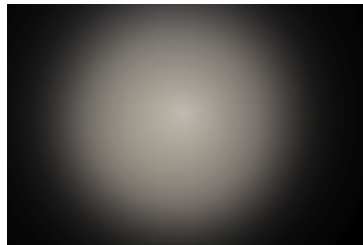
### SAMSUNG

LED LM561B  
 FWHM / FWTM 36.0° / 57.0°  
 Efficiency 86 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

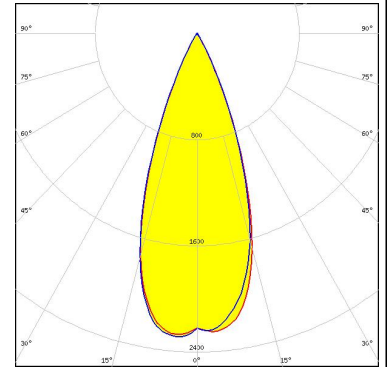
LED Z5M3  
 FWHM / FWTM 36.0° / 58.0°  
 Efficiency 85 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



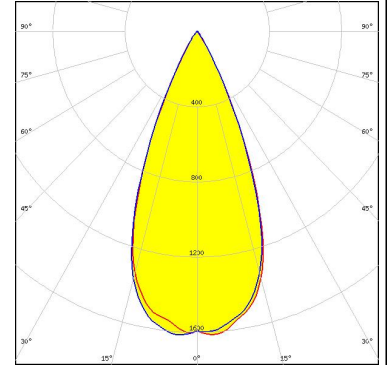
#### PHOTOMETRIC DATA (SIMULATED):



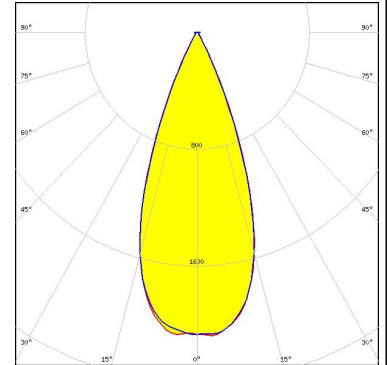
LED J Series 5050 Round LES  
 FWHM / FWTM 40.0° / 56.0°  
 Efficiency 94 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



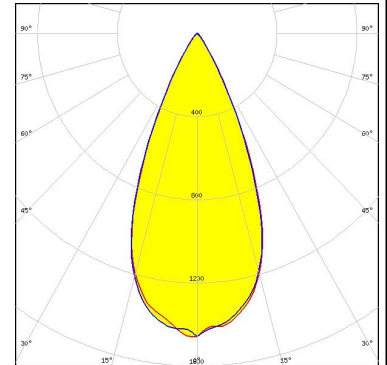
LED XHP50.3 HD  
 FWHM / FWTM 44.0° / 62.0°  
 Efficiency 84 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP50.3 HI  
 FWHM / FWTM 40.0° / 58.0°  
 Efficiency 95 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP70.3  
 FWHM / FWTM 46.0° / 66.0°  
 Efficiency 83 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

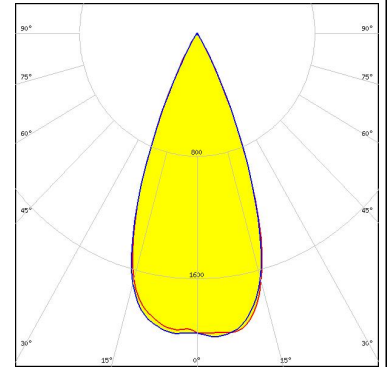




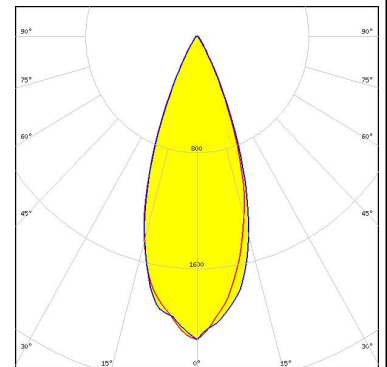
### PHOTOMETRIC DATA (SIMULATED):



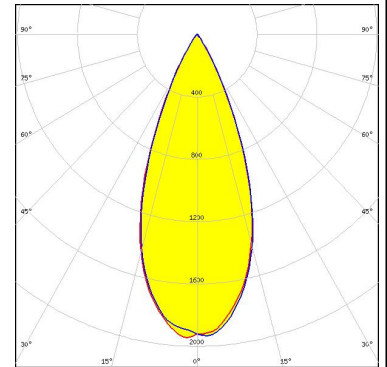
LED XM-L2  
 FWHM / FWTM 43.0° / 58.0°  
 Efficiency 93 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



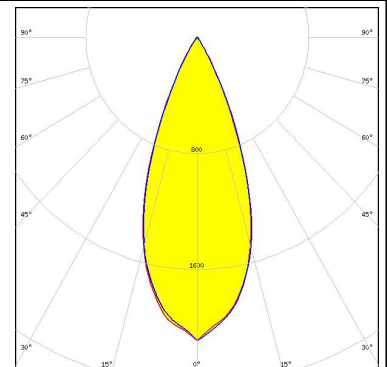
LED LUXEON 7070  
 FWHM / FWTM 38.0° / 60.0°  
 Efficiency 94 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED COB S-Type (LES 7)  
 FWHM / FWTM 42.0° / 64.0°  
 Efficiency 93 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED COB T-Type  
 FWHM / FWTM 40.0° / 62.0°  
 Efficiency 93 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NCSxE17A            FWHM / FWTM: 34.0° / 54.0°            Efficiency: 90 %            Peak intensity: 2.6 cd/lm            LEDs/each optic: 4            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NFMW48xA            FWHM / FWTM: 36.0° / 55.0°            Efficiency: 93 %            Peak intensity: 2.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NV4WB35AM            FWHM / FWTM: 36.0° / 54.0°            Efficiency: 94 %            Peak intensity: 2.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NV4x144A            FWHM / FWTM: 48.0° / 66.0°            Efficiency: 90 %            Peak intensity: 1.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	39.0° / 58.0°
Efficiency	94 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

