

## GABRIELLA-MIDI-M

~25° spot beam with holder and installation tape

### SPECIFICATION:

Dimensions	Ø 37.8 mm
Height	24.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

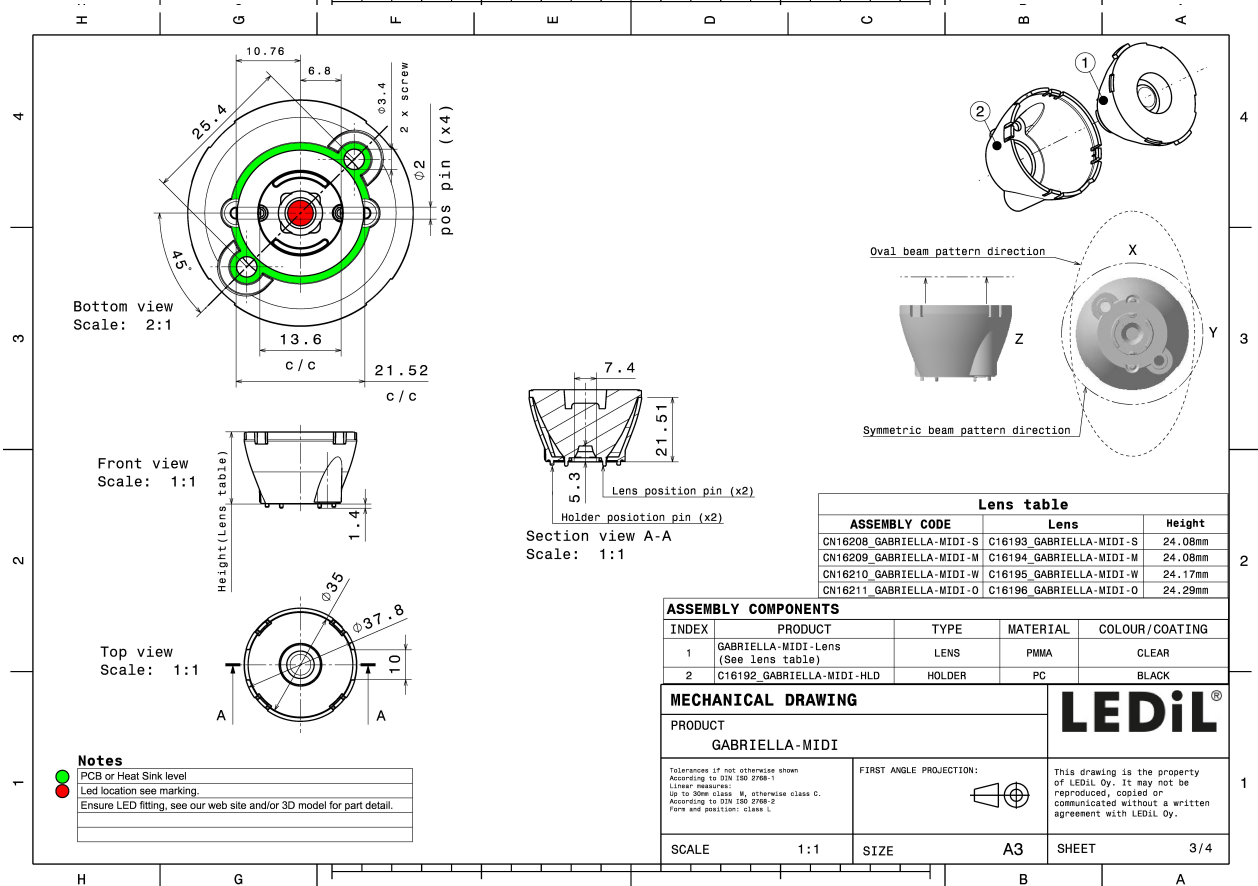
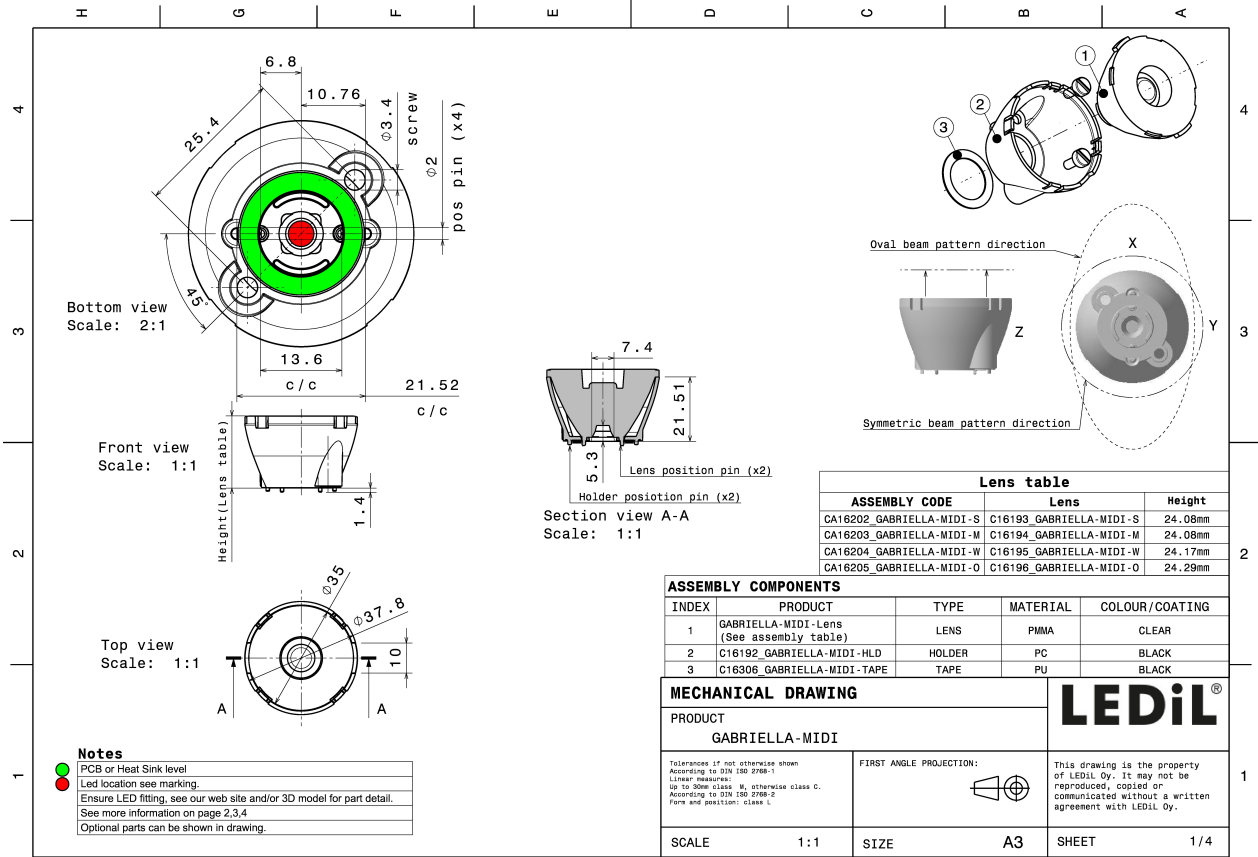
### MATERIALS:

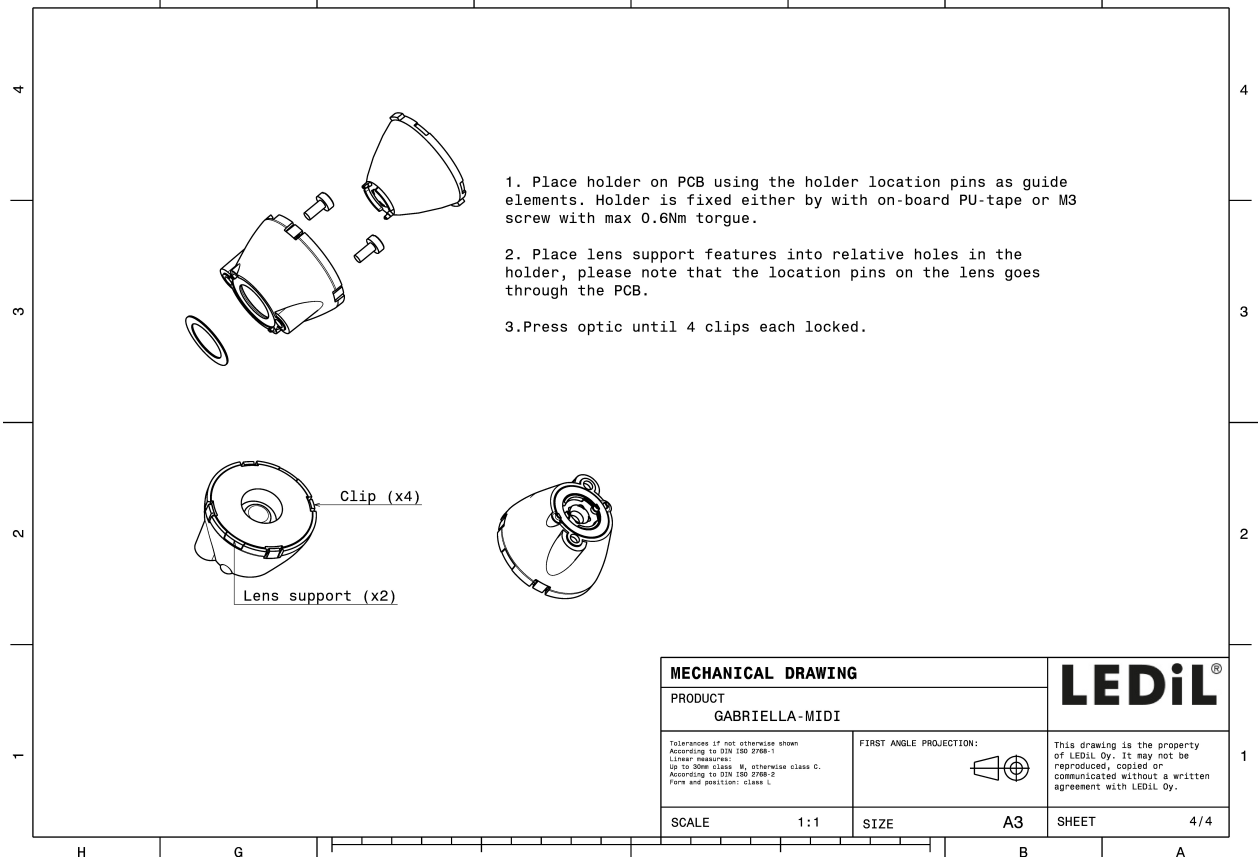
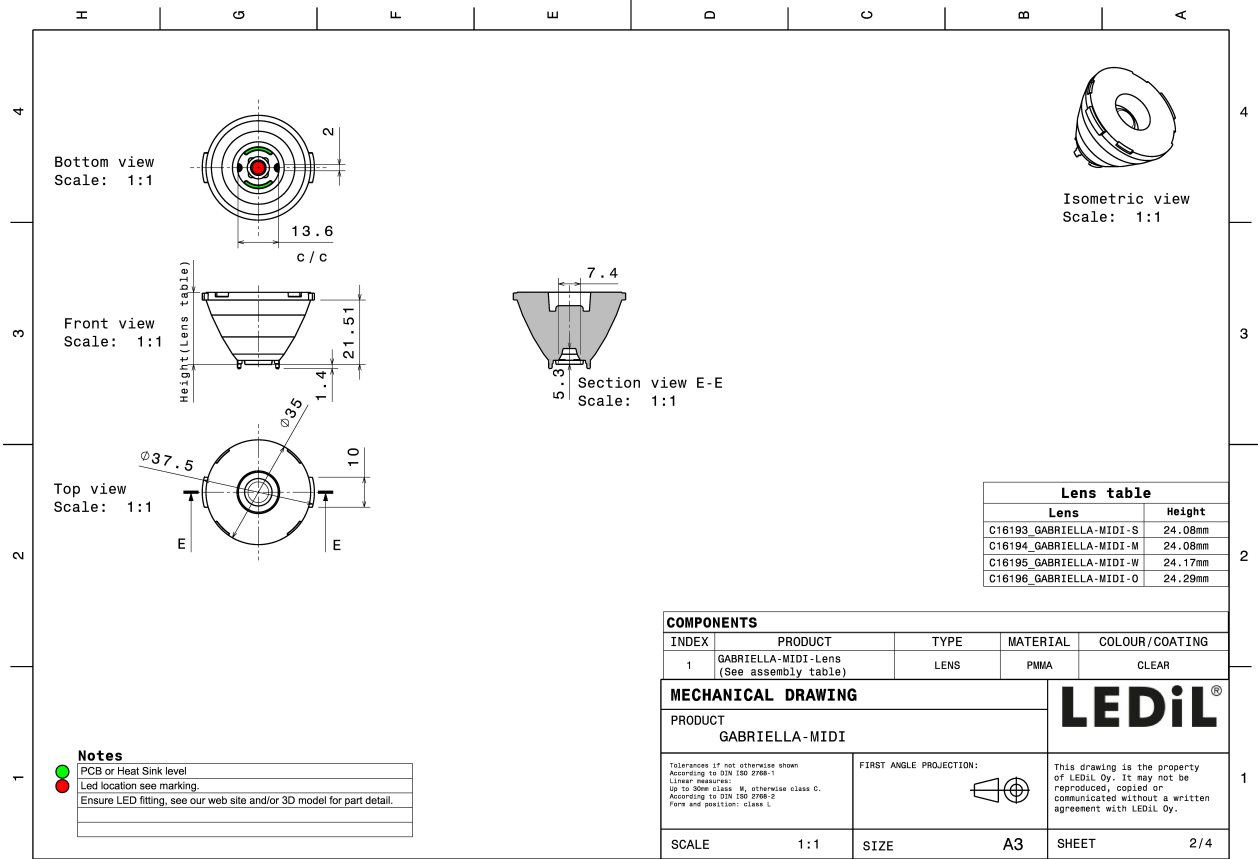
Component	Type	Material	Colour	Finish
GABRIELLA-MIDI-M	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Assembly	PC	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16203_GABRIELLA-MIDI-M	Single lens	500	100	50	11.5
» Box size: 476 x 273 x 292 mm					





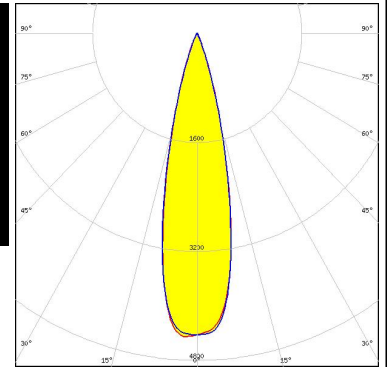


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

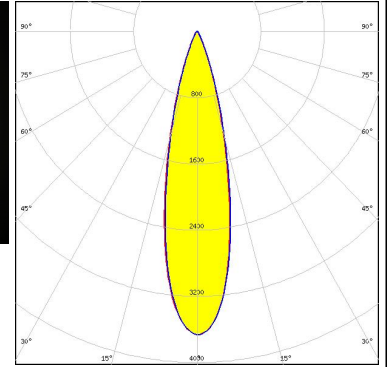
##### CREE LED

LED XHP35 HI  
 FWHM / FWTM 25.0° / 41.0°  
 Efficiency 89 %  
 Peak intensity 4.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



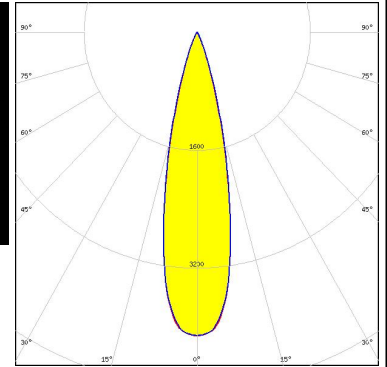
##### CREE LED

LED XHP50.2  
 FWHM / FWTM 25.0° / 45.0°  
 Efficiency 85 %  
 Peak intensity 3.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



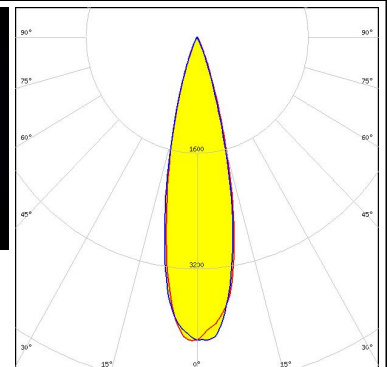
##### CREE LED

LED XM-L RGBW (XMLDCL HI)  
 FWHM / FWTM 25.0° / 42.0°  
 Efficiency 87 %  
 Peak intensity 4.1 cd/m  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



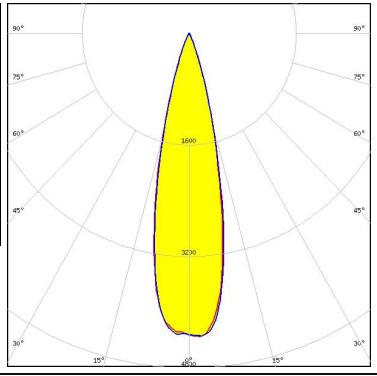


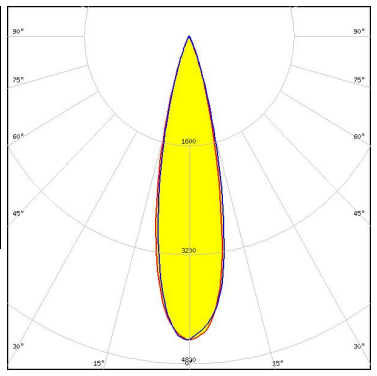


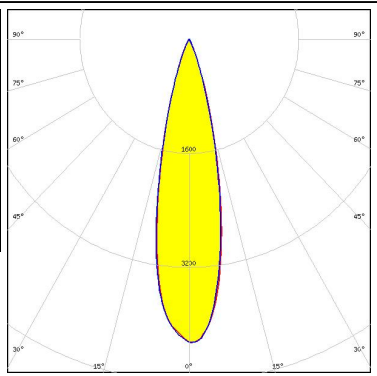


##### OSRAM

Opto Semiconductors  
 LED OSTAR Stage (S2WP)  
 FWHM / FWTM 25.0° / 42.0°  
 Efficiency 88 %  
 Peak intensity 4.2 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



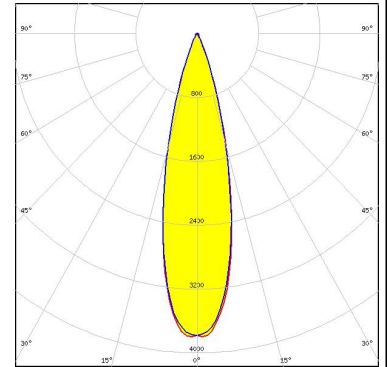
#### OPTICAL RESULTS (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED                    SPF05F0A</p> <p>FWHM / FWTM      25.0° / 41.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity      4.4 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED                    SPF05F0B</p> <p>FWHM / FWTM      25.0° / 42.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity      4.4 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED                    SPF05F0C</p> <p>FWHM / FWTM      24.0° / 42.0°</p> <p>Efficiency            87 %</p> <p>Peak intensity      4.3 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		

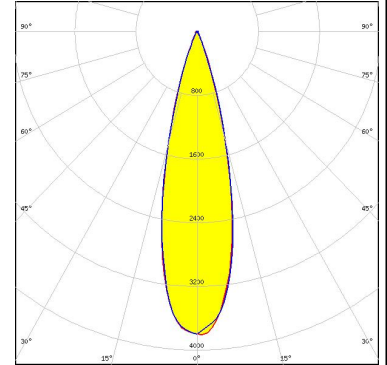
#### OPTICAL RESULTS (SIMULATED):



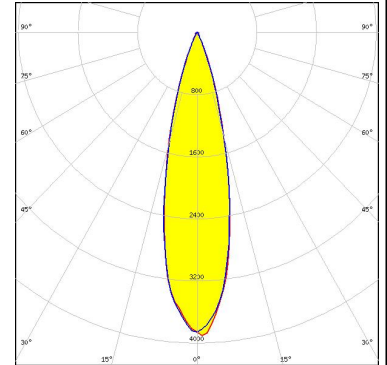
LED J Series 5050 Round LES  
 FWHM / FWTM 26.0° / 44.0°  
 Efficiency 88 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



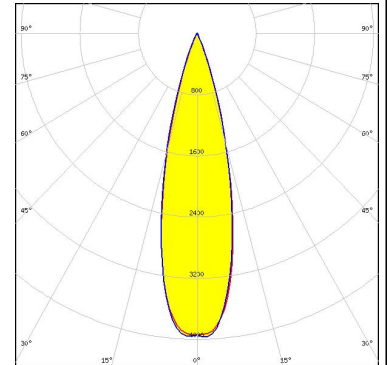
LED XHP35.2 HD  
 FWHM / FWTM 26.0° / 44.0°  
 Efficiency 85 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP50  
 FWHM / FWTM 26.0° / 44.0°  
 Efficiency 87 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



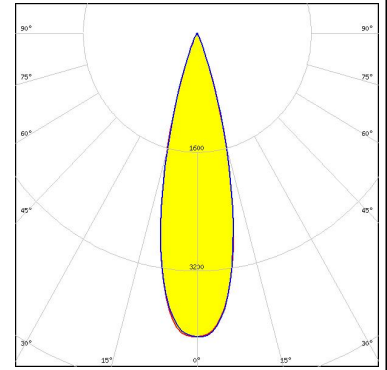
LED XM-L RGBW (XMLCTW)  
 FWHM / FWTM 26.0° / 44.0°  
 Efficiency 88 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

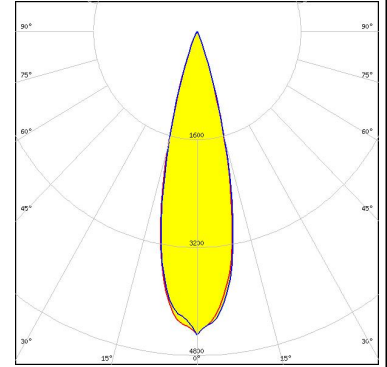
##### CREE LED

LED XM-L2  
 FWHM / FWTM 27.0° / 43.0°  
 Efficiency 88 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



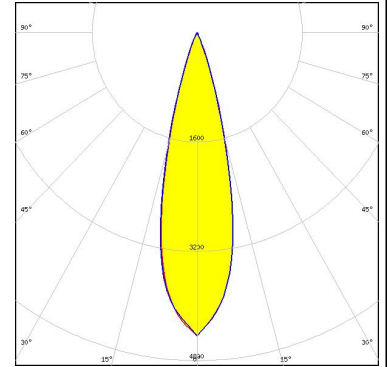
##### CREE LED

LED XP-E2  
 FWHM / FWTM 26.0° / 41.0°  
 Efficiency 90 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour Amber  
 Required components:



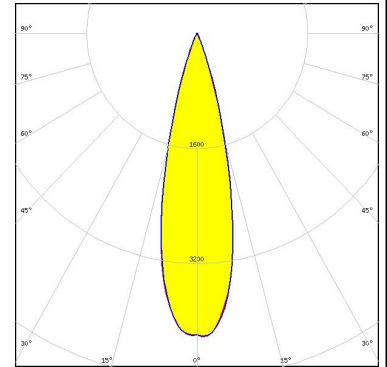
##### CREE LED

LED XP-G2  
 FWHM / FWTM 26.0° / 42.0°  
 Efficiency 89 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:


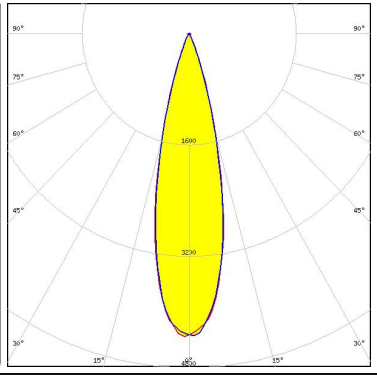
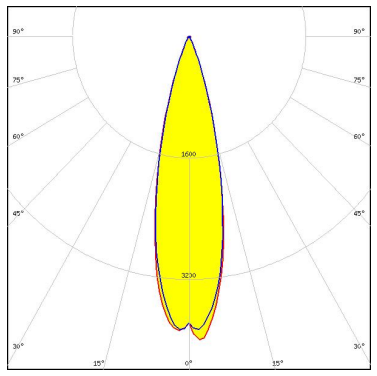
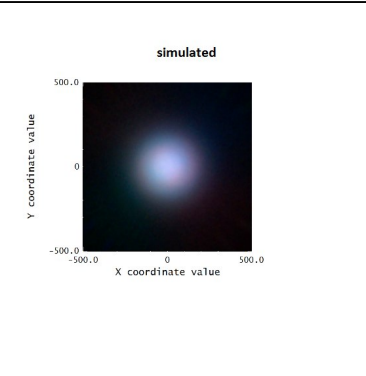
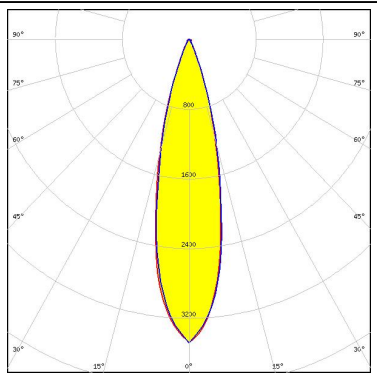
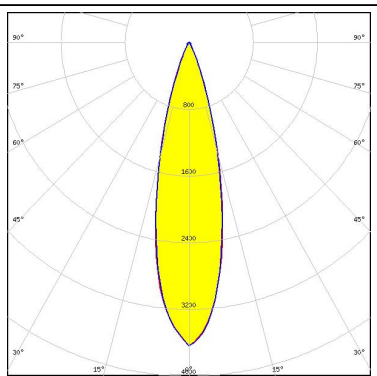


##### CREE LED

LED XP-G2 HE  
 FWHM / FWTM 26.0° / 42.0°  
 Efficiency 88 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

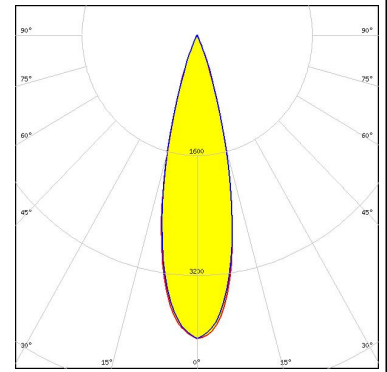
<p><b>LED ENGIN</b></p> <p>LED LZ7 Plus (LZ7-04M2PD)</p> <p>FWHM / FWTM 25.0° / 42.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 4.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 26.0° / 44.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 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 C</p> <p>FWHM / FWTM 24.0 + °</p> <p>Efficiency 83 %</p> <p>Peak intensity 3.5 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>	<p>simulated</p> 	
<p><b>LUMILEDS</b></p> <p>LED LUXEON M/MX</p> <p>FWHM / FWTM 25.0° / 46.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		



#### OPTICAL RESULTS (SIMULATED):

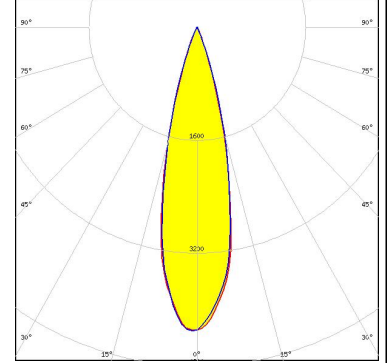
##### LUMILEDS

LED LUXEON MZ  
 FWHM / FWTM 26.0° / 43.0°  
 Efficiency 88 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



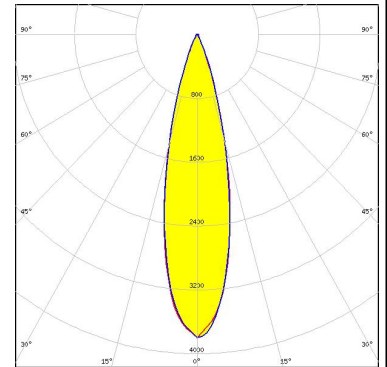
##### LUMILEDS

LED LUXEON Rubix  
 FWHM / FWTM 26.0° / 42.0°  
 Efficiency 89 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



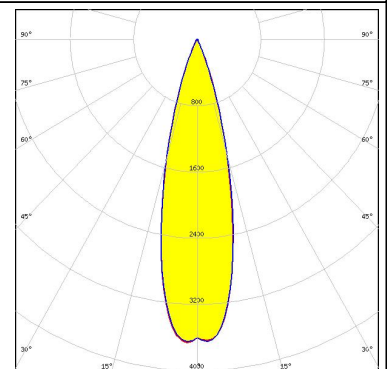
##### NICHIA

LED NV4x144A  
 FWHM / FWTM 26.0° / 44.0°  
 Efficiency 86 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors  
 LED Duris S8  
 FWHM / FWTM 27.0° / 45.0°  
 Efficiency 87 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

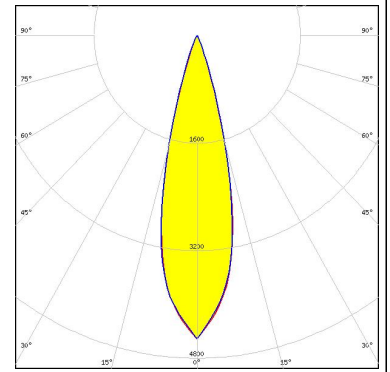


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

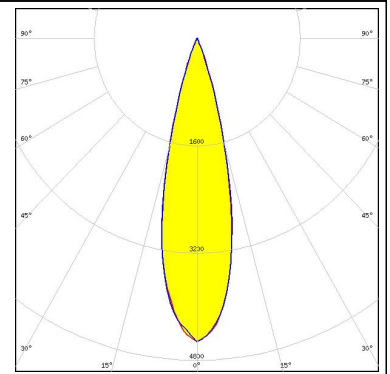
Opto Semiconductors

LED OSLOM Square EC  
FWHM / FWTM 26.0° / 41.0°  
Efficiency 89 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### SAMSUNG

LED LM28xB Series  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 90 %  
Peak intensity 4.5 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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