

## GABRIELLA-MIDI-O

~12+40° oval beam with holder

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.8 mm
Height	24.3 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

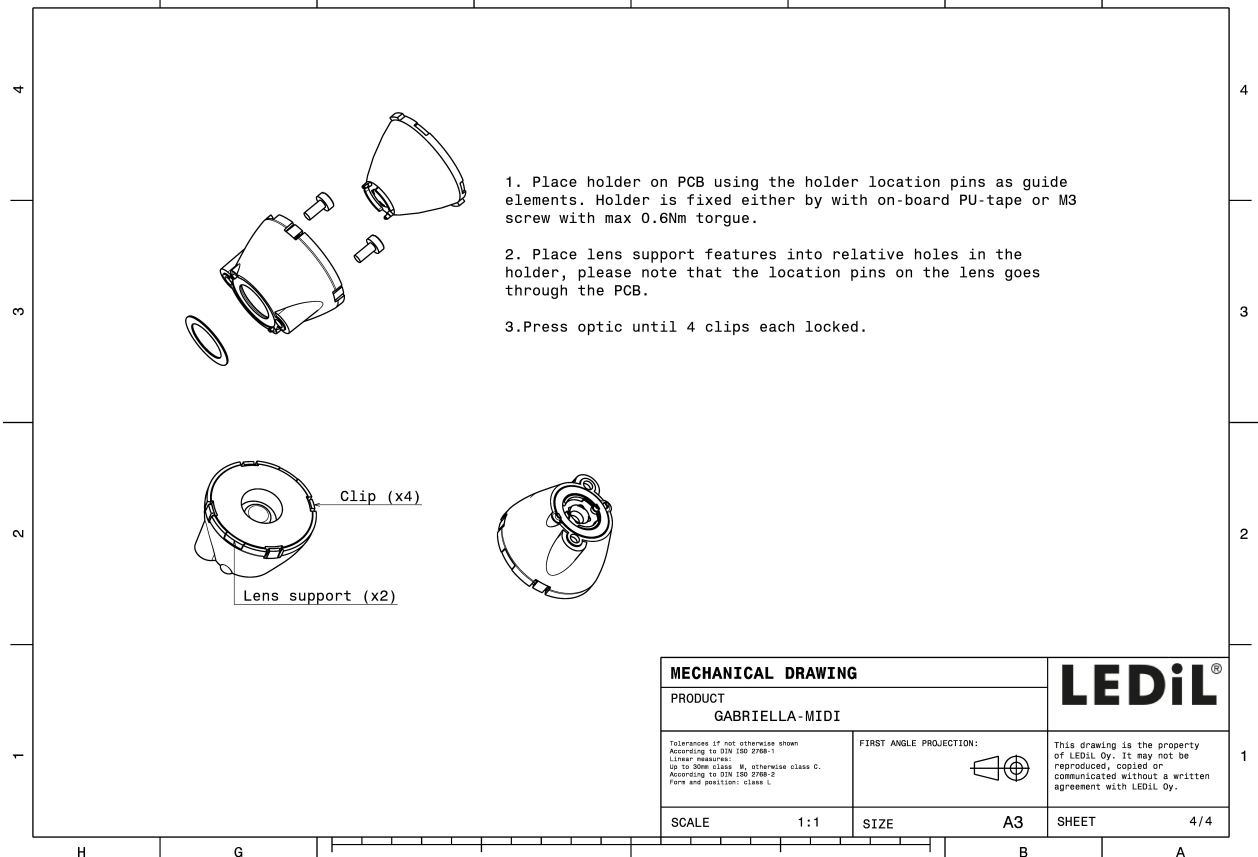
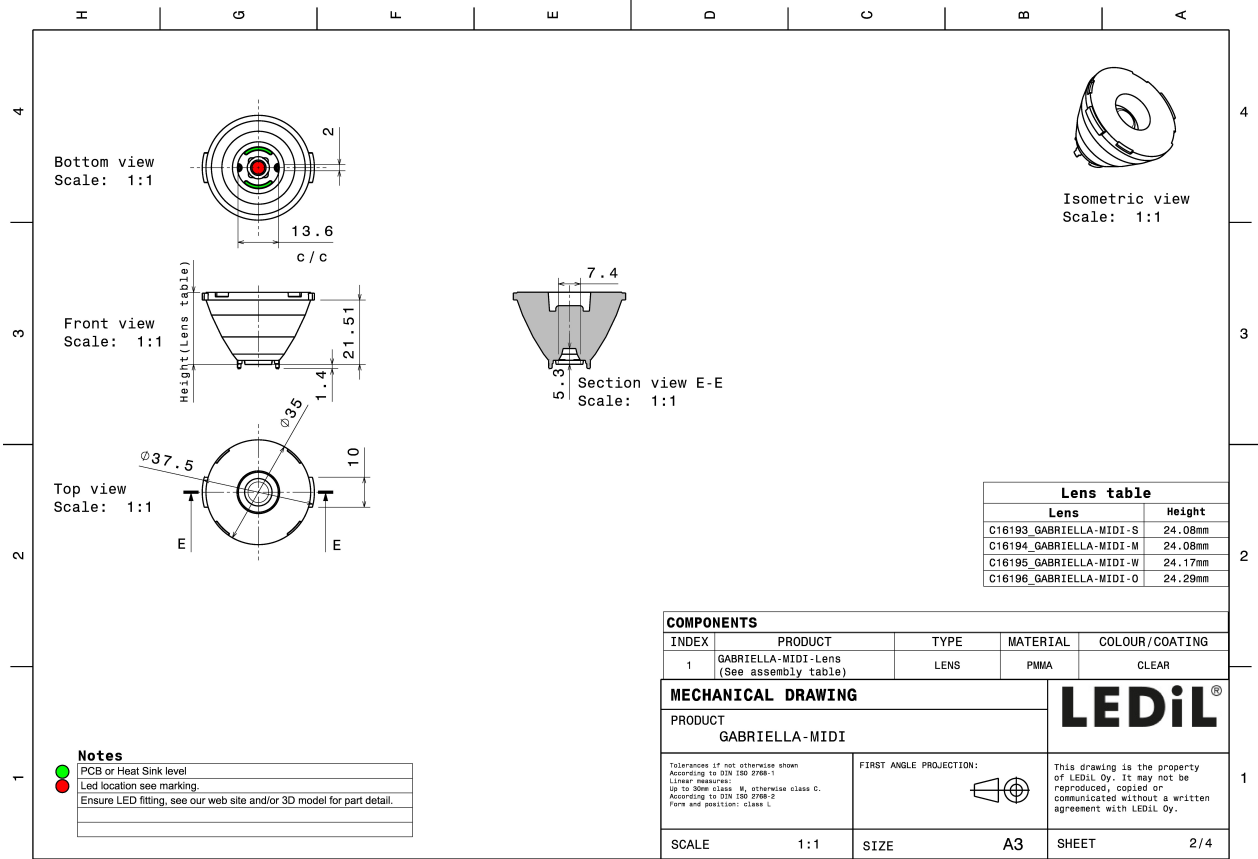
Component	Type	Material	Colour	Finish
GABRIELLA-MIDI-O	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Assembly	PC	black	



### ORDERING INFORMATION:



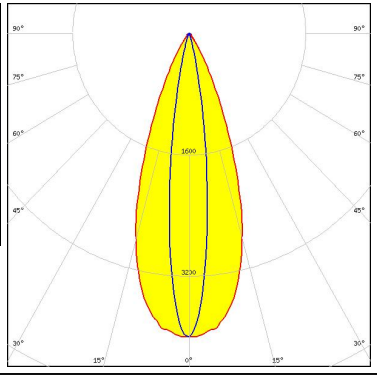


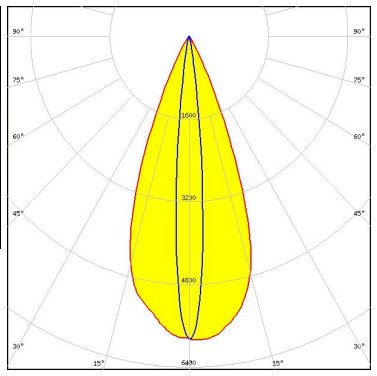


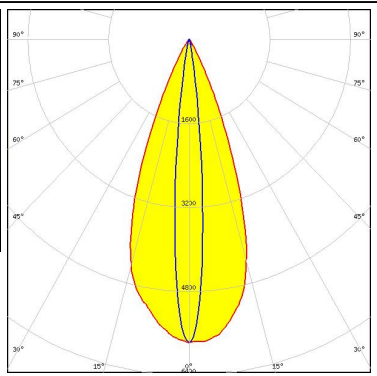


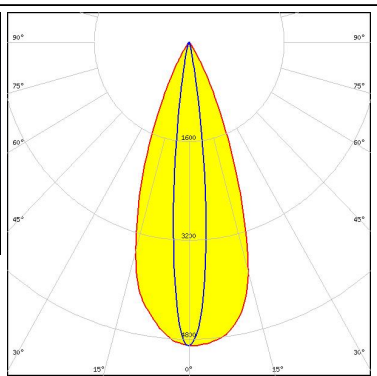
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN16211_GABRIELLA-MIDI-O	Single lens	500	100	50	0.0
» Box size:					





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

#### PHOTOMETRIC DATA (MEASURED):

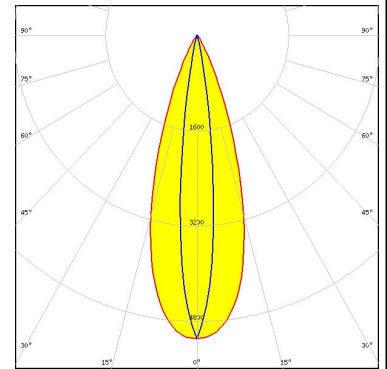
<p> <b>LUMILEDS</b></p> <p>LED LUXEON MultiColor Module 2.5W</p> <p>FWHM / FWTM 39.0 + 15.0° / 62.0 + 28.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED SPF05F0A</p> <p>FWHM / FWTM 41.0 + 11.0° / 58.0 + 19.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 5.9 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 40.0 + 11.0° / 58.0 + 20.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 5.8 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 40.0 + 13.0° / 60.0 + 23.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 4.9 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>		



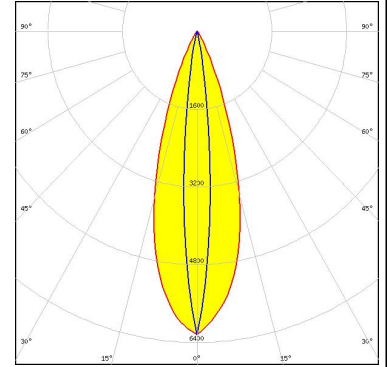
#### PHOTOMETRIC DATA (SIMULATED):



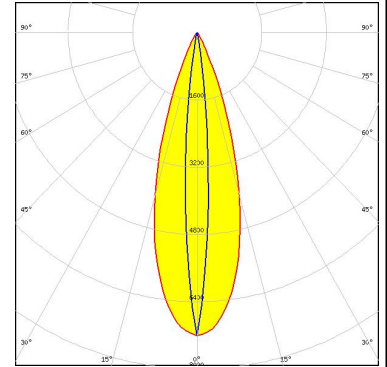
**LED** XM-L RGB  
**FWHM / FWTM** 13.0 + 34.0° / 24.0 + 57.0°  
**Efficiency** 86 %  
**Peak intensity** 5.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



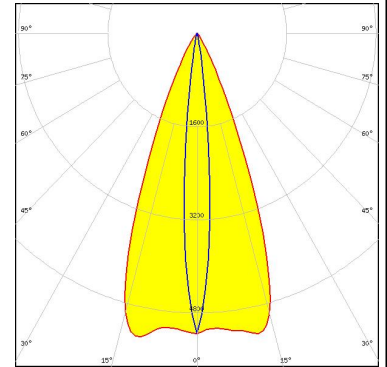
**LED** XM-L2  
**FWHM / FWTM** 11.0 + 33.0° / 21.0 + 54.0°  
**Efficiency** 87 %  
**Peak intensity** 6.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** XP-G2  
**FWHM / FWTM** 9.0 + 33.0° / 19.0 + 53.0°  
**Efficiency** 87 %  
**Peak intensity** 7.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



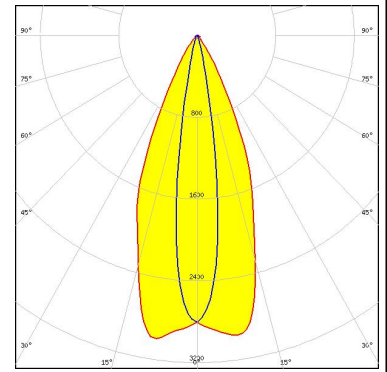
**LED** XP-G2 HE  
**FWHM / FWTM** 42.0 + 10.0° / 60.0 + 19.0°  
**Efficiency** 86 %  
**Peak intensity** 5.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



#### PHOTOMETRIC DATA (SIMULATED):

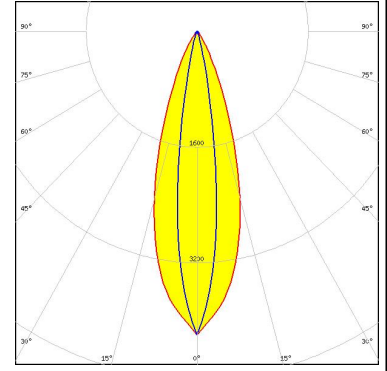
#### LUMILEDS

LED LUXEON C  
 FWHM / FWTM 43.0 + 16.0° / 66.0 + 28.0°  
 Efficiency 76 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



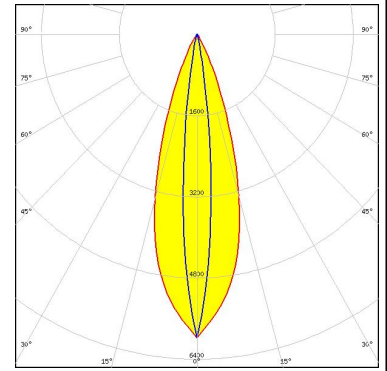
#### LUMILEDS

LED LUXEON M/MX  
 FWHM / FWTM 15.0 + 33.0° / 28.0 + 58.0°  
 Efficiency 84 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



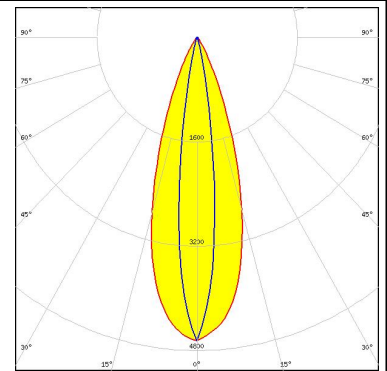
#### LUMILEDS

LED LUXEON MZ  
 FWHM / FWTM 11.0 + 32.0° / 22.0 + 55.0°  
 Efficiency 86 %  
 Peak intensity 6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors  
 LED Duris S8  
 FWHM / FWTM 14.0 + 34.0° / 26.0 + 57.0°  
 Efficiency 86 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

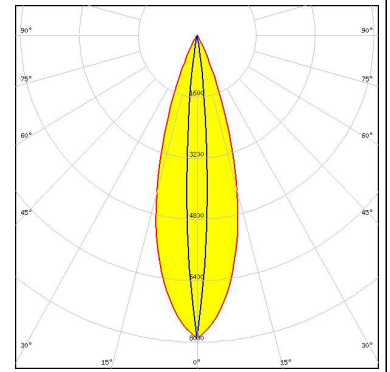


#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

Opto Semiconductors

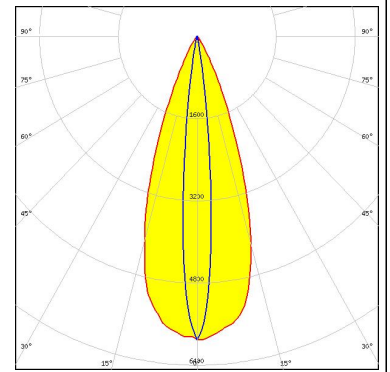
LED OSLOM Square EC  
FWHM / FWTM 8.0 + 31.0° / 17.0 + 52.0°  
Efficiency 87 %  
Peak intensity 7.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

LED OSTAR Stage (S2WP)  
FWHM / FWTM 11.0 + 38.0° / 20.0 + 58.0°  
Efficiency 85 %  
Peak intensity 5.9 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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