

## GABRIELLA-MIDI-S

~10° spot beam with holder

### TECHNICAL SPECIFICATIONS:

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

### MATERIAL SPECIFICATIONS:

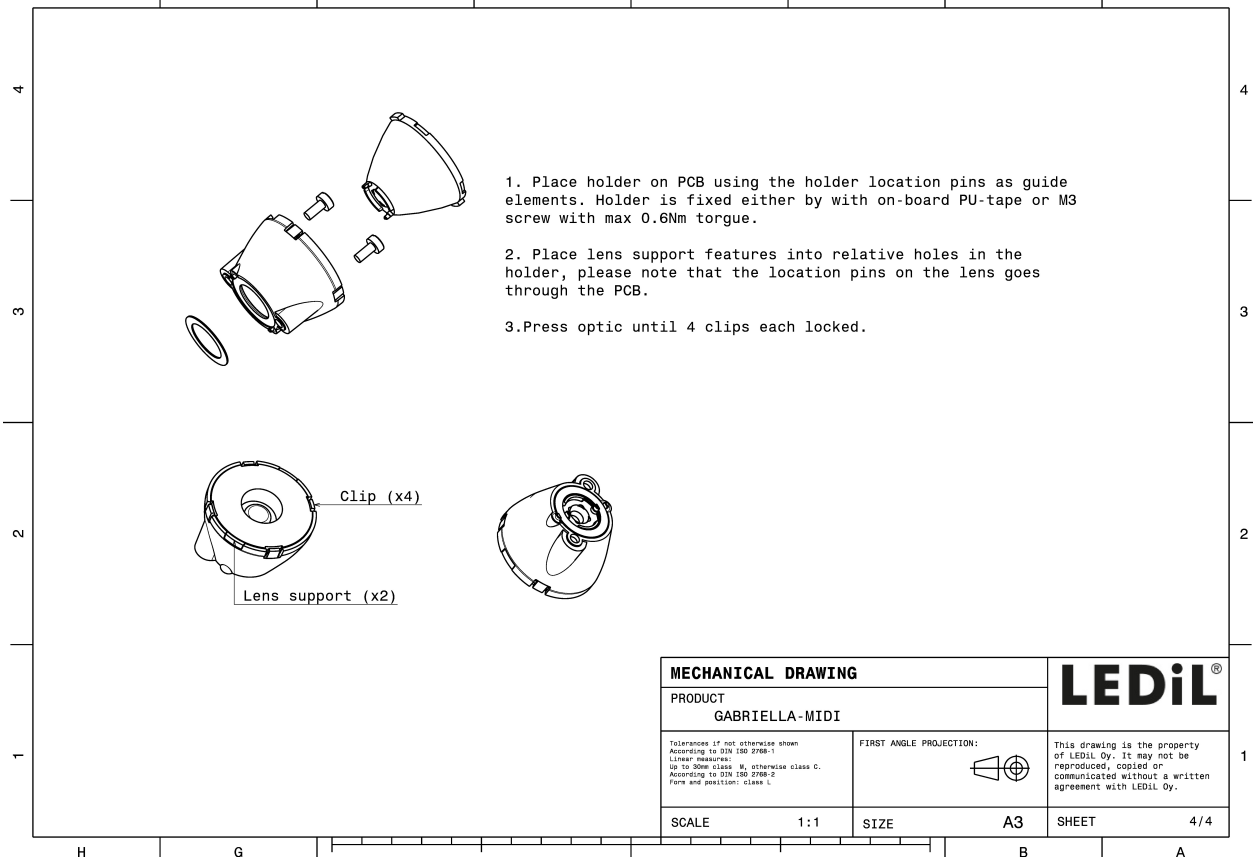
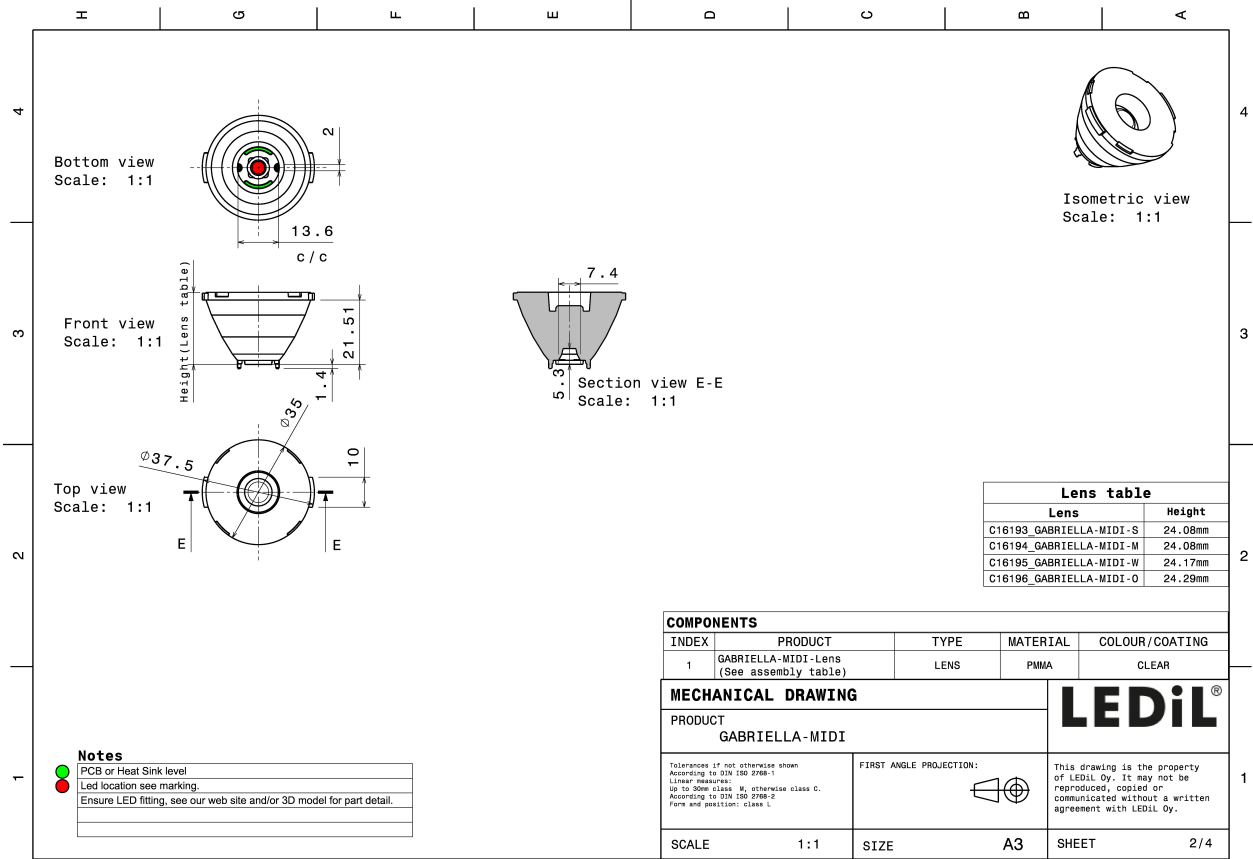
Component	Type	Material	Colour	Finish
GABRIELLA-MIDI-S	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Holder	PC	black	



### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CN16208_GABRIELLA-MIDI-S	Single lens	500	100	50	0.0
» Box size:					



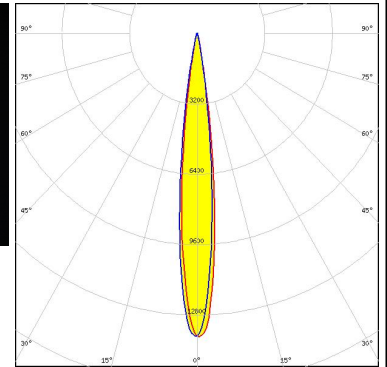
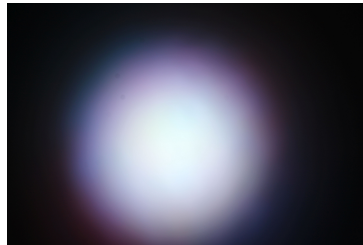


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

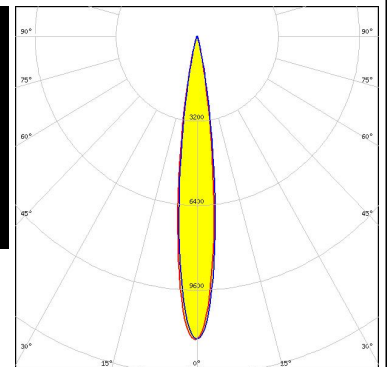
#### PHOTOMETRIC DATA (MEASURED):



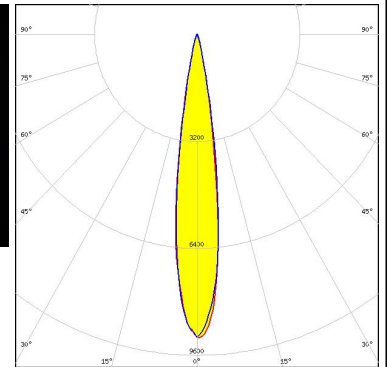
LED XQ-E HD  
 FWHM / FWTM 13.0° / 22.0°  
 Efficiency 87 %  
 Peak intensity 13.8 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



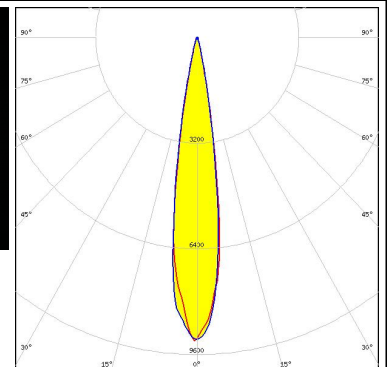
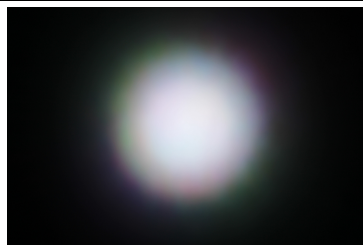
LED LUXEON 5050 Round LES  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 91 %  
 Peak intensity 11.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON C  
 FWHM / FWTM 16.0° / 27.0°  
 Efficiency 86 %  
 Peak intensity 9.1 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



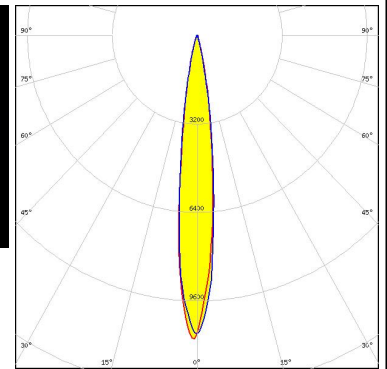
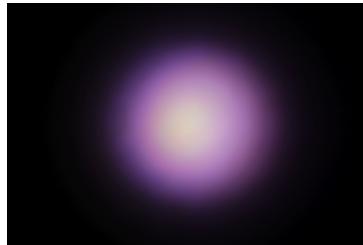
LED LUXEON CZ  
 FWHM / FWTM 17.0° / 27.0°  
 Efficiency 89 %  
 Peak intensity 9.2 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

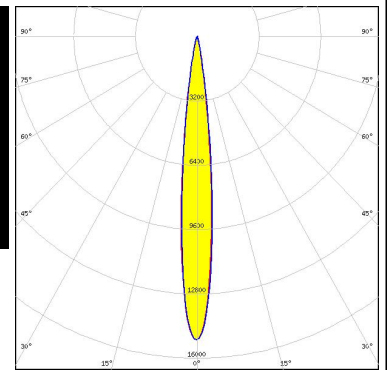
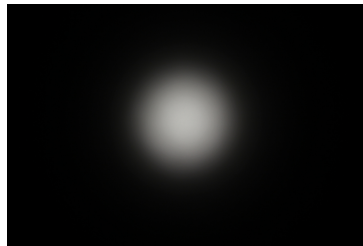
##### LUMILEDS

LED LUXEON MultiColor Module 2.5W  
 FWHM / FWTM 13.0° / 27.0°  
 Efficiency 89 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



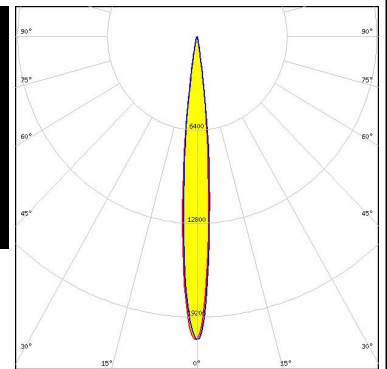
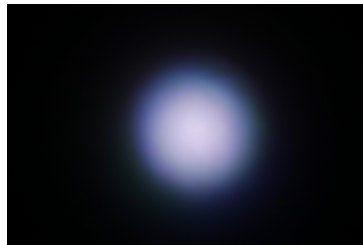
##### LUMILEDS

LED LUXEON V  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 89 %  
 Peak intensity 15.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



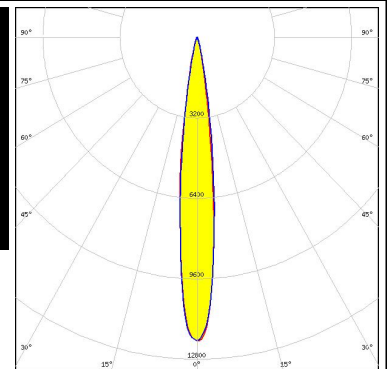
##### LUMINUS

LED SBM-40-RGBW  
 FWHM / FWTM 10.0° / 19.0°  
 Efficiency 89 %  
 Peak intensity 21 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:


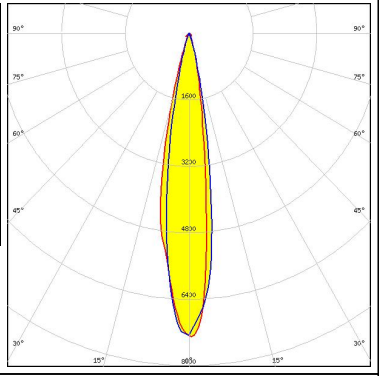

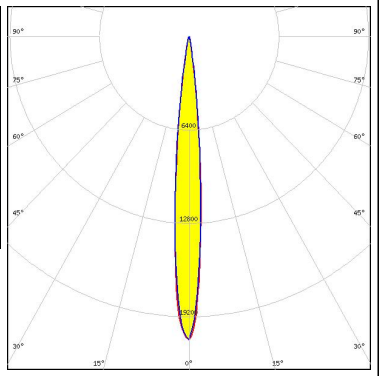

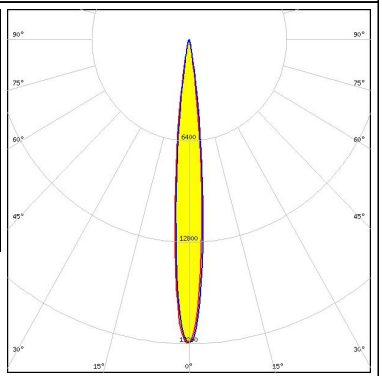

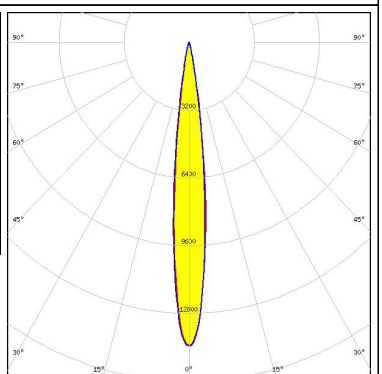


##### NICHIA

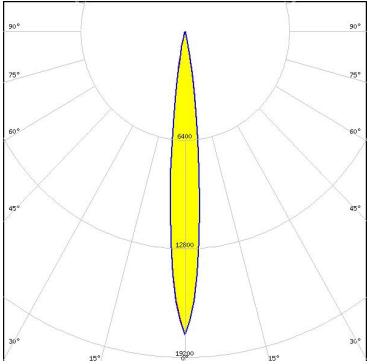
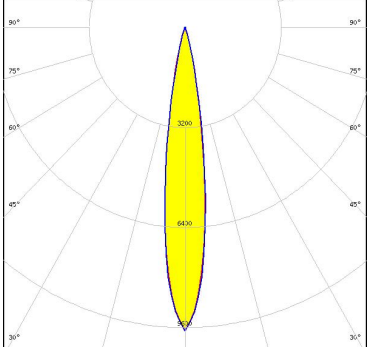
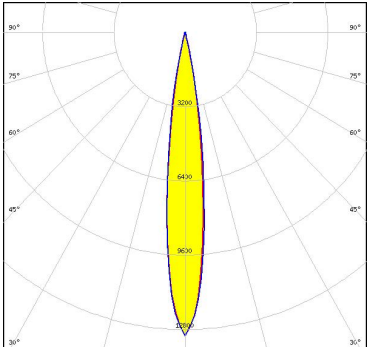
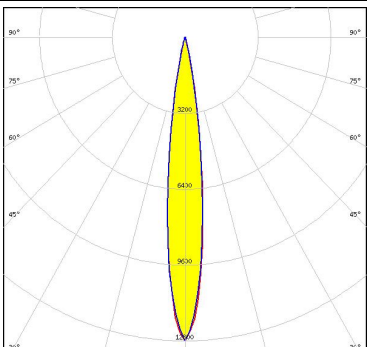
LED NCSxE17A  
 FWHM / FWTM 13.0° / 25.0°  
 Efficiency 92 %  
 Peak intensity 12 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



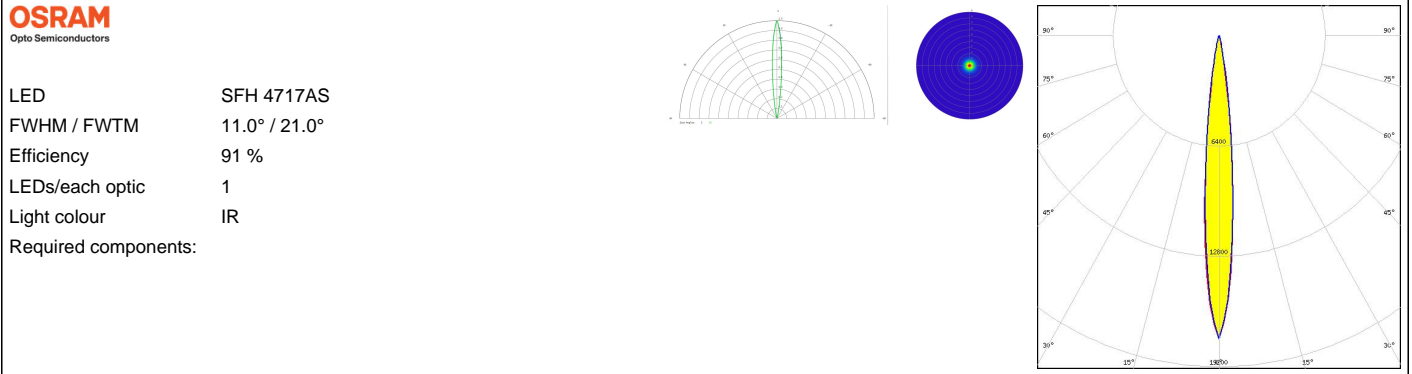
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW219F            FWHM / FWTM 17.0° / 31.0°            Efficiency 87 %            Peak intensity 7.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED SPF05F0A            FWHM / FWTM 10.0° / 19.0°            Efficiency 89 %            Peak intensity 20.8 cd/lm            LEDs/each optic 4            Light colour RGBW            Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED SPF05F0B            FWHM / FWTM 11.0° / 20.0°            Efficiency 90 %            Peak intensity 19.1 cd/lm            LEDs/each optic 4            Light colour RGBW            Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED SPF05F0C            FWHM / FWTM 12.0° / 22.0°            Efficiency 89 %            Peak intensity 14.3 cd/lm            LEDs/each optic 4            Light colour RGBW            Required components:</p>		

#### PHOTOMETRIC DATA (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: XP-G2 HE            FWHM / FWTM: 12.0° / 22.0°            Efficiency: 92 %            Peak intensity: 17.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NV4x144A            FWHM / FWTM: 16.0° / 28.0°            Efficiency: 89 %            Peak intensity: 9.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: DURIS E 5050 RGBW            FWHM / FWTM: 14.0° / 24.0 + 26.0°            Efficiency: 93 %            Peak intensity: 13.1 cd/lm            LEDs/each optic: 1            Light colour: RGBW            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: Duris S8            FWHM / FWTM: 14.0° / 25.0°            Efficiency: 92 %            Peak intensity: 12.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

### PHOTOMETRIC DATA (SIMULATED):





### 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

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