

## GABRIELLA-45-M

~25° medium beam with holder

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	screw
ROHS compliant	yes ⓘ

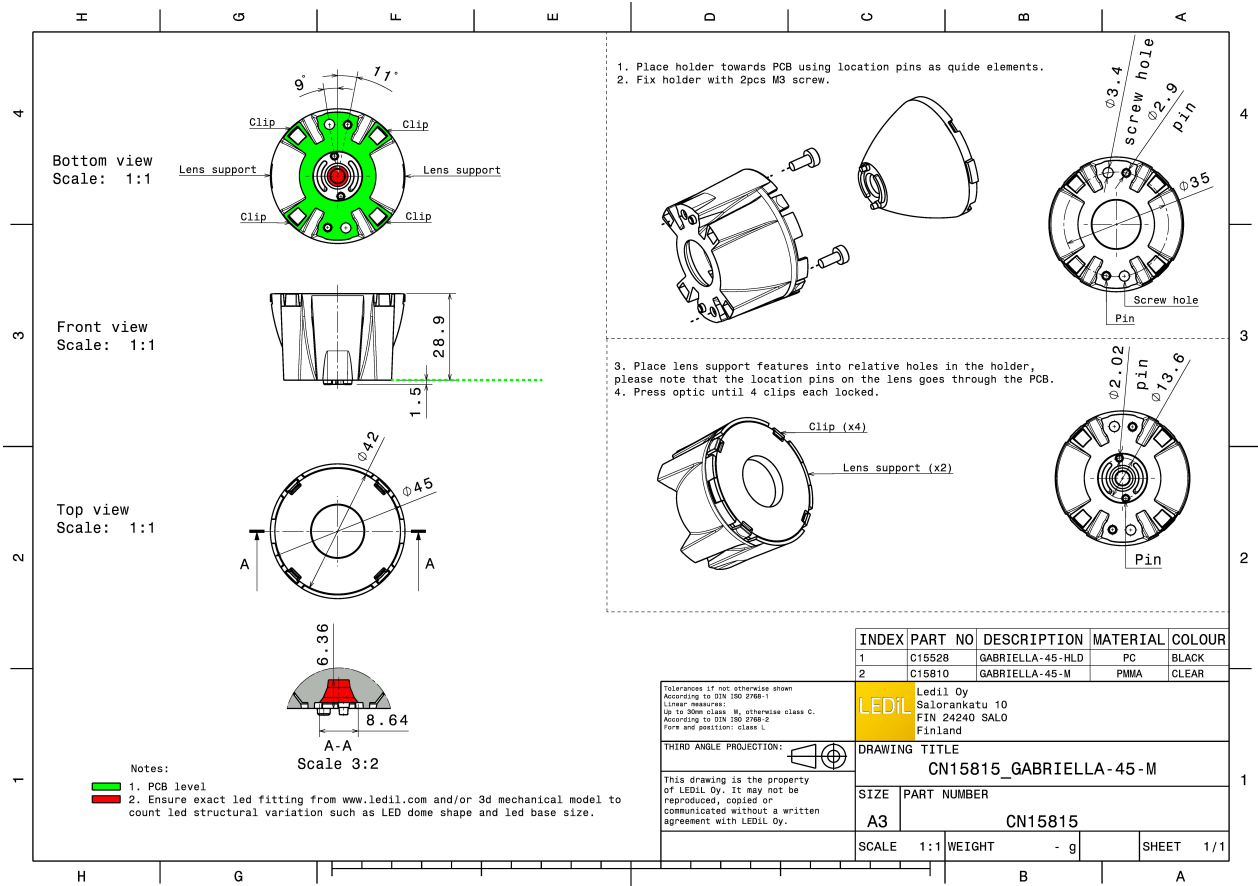
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
GABRIELLA-45-M	Single lens	PMMA	clear	
GABRIELLA-45-HLD	Holder	PC	black	



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN15815_GABRIELLA-45-M	Single lens	405		45	0.0
» Box size:					

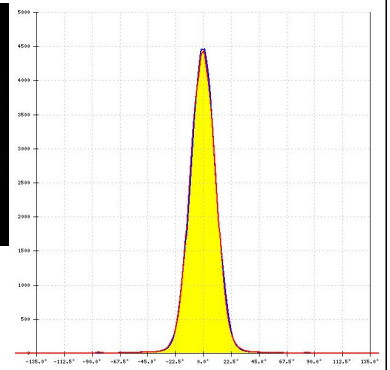
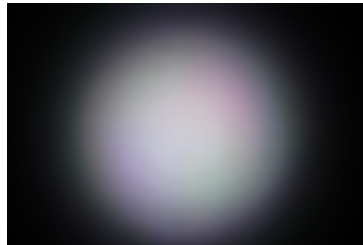


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

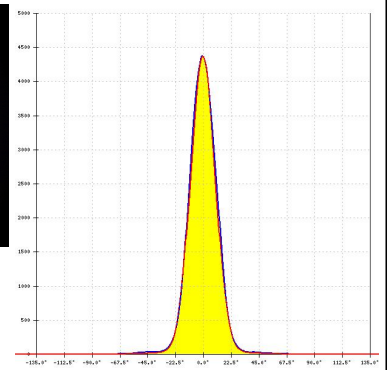
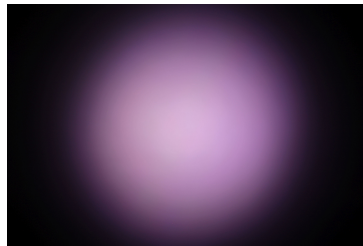
#### LUMILEDS

LED LUXEON CZ  
 FWHM / FWTM 23.0° / 43.0°  
 Efficiency 89 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



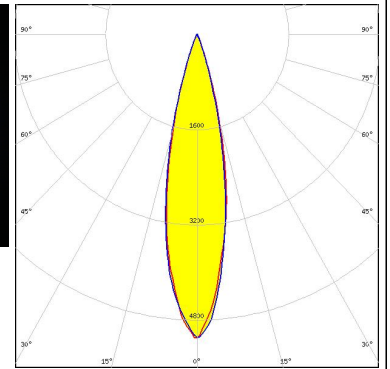
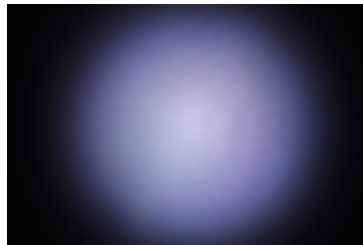
#### LUMILEDS

LED LUXEON MultiColor Module 2.5W  
 FWHM / FWTM 24.0° / 43.0°  
 Efficiency 89 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



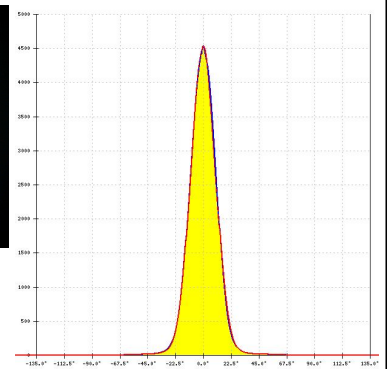
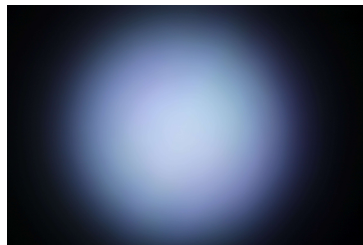
#### LUMINUS

LED SBM-40-RGBW  
 FWHM / FWTM 23.0° / 39.0°  
 Efficiency 89 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

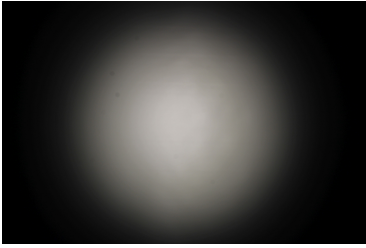
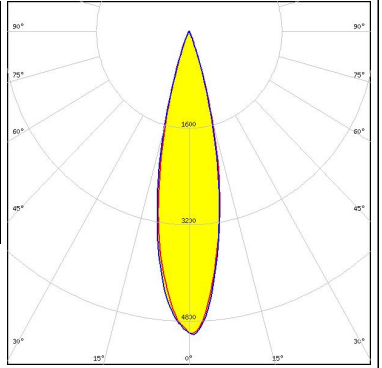

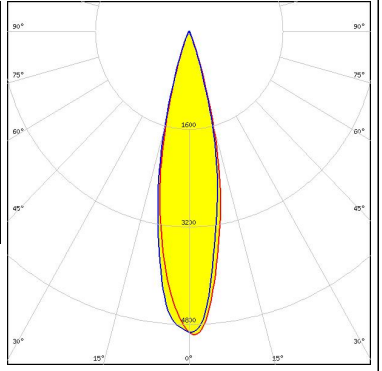

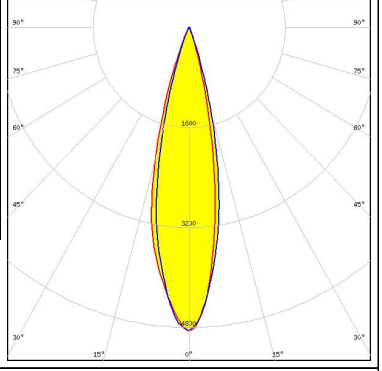

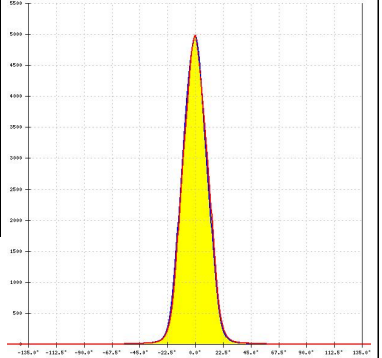


#### NICHIA


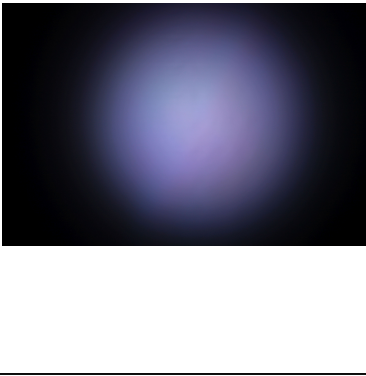
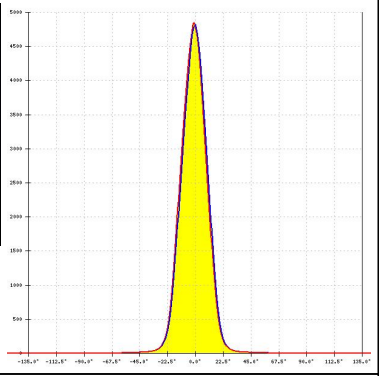


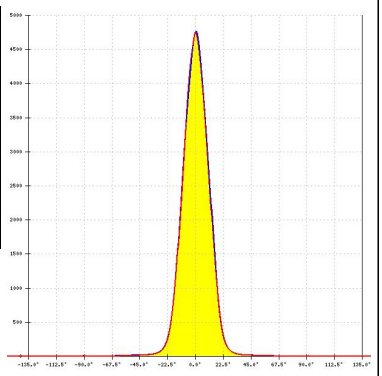
LED NCSxE17A  
 FWHM / FWTM 24.0° / 42.0°  
 Efficiency 90 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW219F            FWHM / FWTM 24.0° / 40.0°            Efficiency 90 %            Peak intensity 5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Square EC            FWHM / FWTM 24.0° / 39.0°            Efficiency 88 %            Peak intensity 5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Ostar-SMT RGB            FWHM / FWTM 24.0° / 40.0°            Efficiency 90 %            Peak intensity 4.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED SPF05F0A            FWHM / FWTM 24.0° / 39.0°            Efficiency 88 %            Peak intensity 5 cd/lm            LEDs/each optic 1            Light colour RGBW            Required components:</p>		

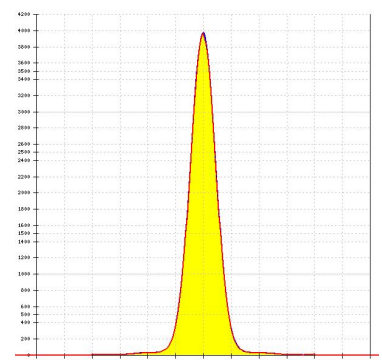
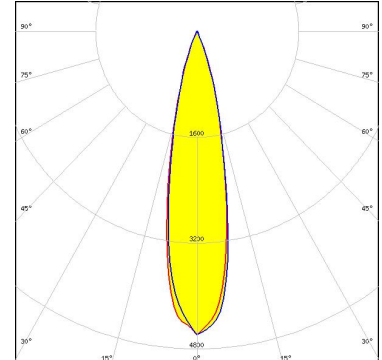
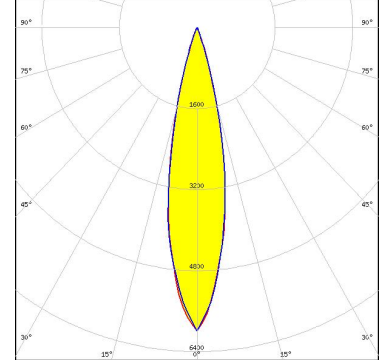
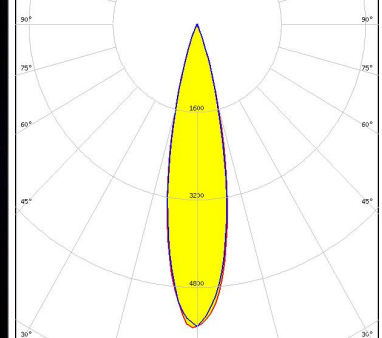

#### PHOTOMETRIC DATA (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED                    SPF05F0B</p> <p>FWHM / FWTM        24.0° / 40.0°</p> <p>Efficiency             88 %</p> <p>Peak intensity        4.9 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° / 41.0°</p> <p>Efficiency             89 %</p> <p>Peak intensity        4.8 cd/m</p> <p>LEDs/each optic     1</p> <p>Light colour          RGBW</p> <p>Required components:</p>		


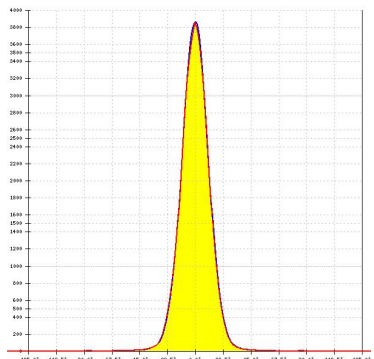

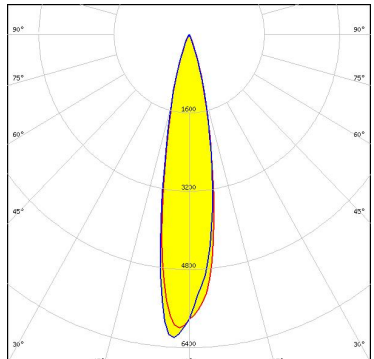

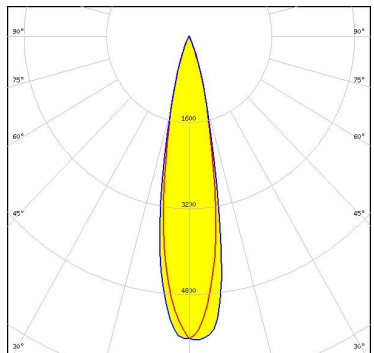

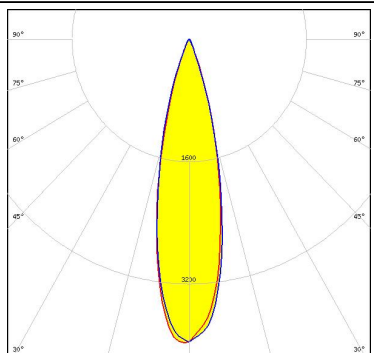
#### PHOTOMETRIC DATA (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED J Series 5050 Round LES</p> <p>FWHM / FWTM 23.0° / 40.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 5.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>CREE</b> LED</p> <p>LED XHP35.2</p> <p>FWHM / FWTM 22.0° / 40.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>CREE</b> LED</p> <p>LED XHP50.2</p> <p>FWHM / FWTM 22.0° / 40.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 5.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>CREE</b> LED</p> <p>LED XHP50.3 HD</p> <p>FWHM / FWTM 22.0° / 42.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

#### PHOTOMETRIC DATA (SIMULATED):

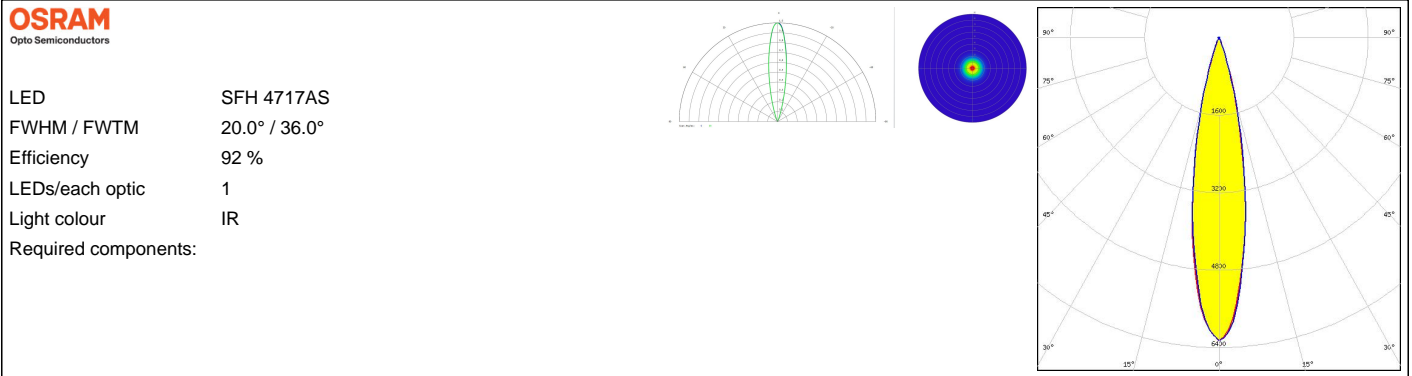
<p><b>CREE</b> LED</p> <p>LED: XHP70.2            FWHM / FWTM: 24.0° / 44.0°            Efficiency: 87 %            Peak intensity: 4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> LED</p> <p>LED: XM-L RGB            FWHM / FWTM: 23.0° / 42.0°            Efficiency: 85 %            Peak intensity: 4.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> LED</p> <p>LED: XP-E2            FWHM / FWTM: 22.0° / 38.0°            Efficiency: 92 %            Peak intensity: 6 cd/lm            LEDs/each optic: 1            Light colour: Amber            Required components:</p>	
<p><b>LED ENGIN</b></p> <p>LED: LZ7 Plus (LZ7-04M2PD)            FWHM / FWTM: 23.0° / 39.0°            Efficiency: 93 %            Peak intensity: 5.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	 

#### PHOTOMETRIC DATA (SIMULATED):

	<p>LED LUXEON C</p> <p>FWHM / FWTM 24.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>	
	<p>LED LUXEON Rubix</p> <p>FWHM / FWTM 20.0 + 19.0° / 38.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 6.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>	
 <p>Osram Semiconductors</p>	<p>LED DURIS E 5050 RGBW</p> <p>FWHM / FWTM 20.0 + 22.0° / 39.0 + 40.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 5.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>	
 <p>Osram Semiconductors</p>	<p>LED OSTAR Stage (S2WP)</p> <p>FWHM / FWTM 25.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>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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