

## GABRIELLA-45-M

~25° medium beam with holder and installation tape

### SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	29.2 mm
Fastening	tape
ROHS compliant	yes ⓘ

### MATERIALS:

Component	Type	Material	Colour	Finish
C15810_GABRIELLA-45-M	Single lens	PMMA	clear	
CA15928_GABRIELLA-45-HLD-T	Assembly	PC	black	

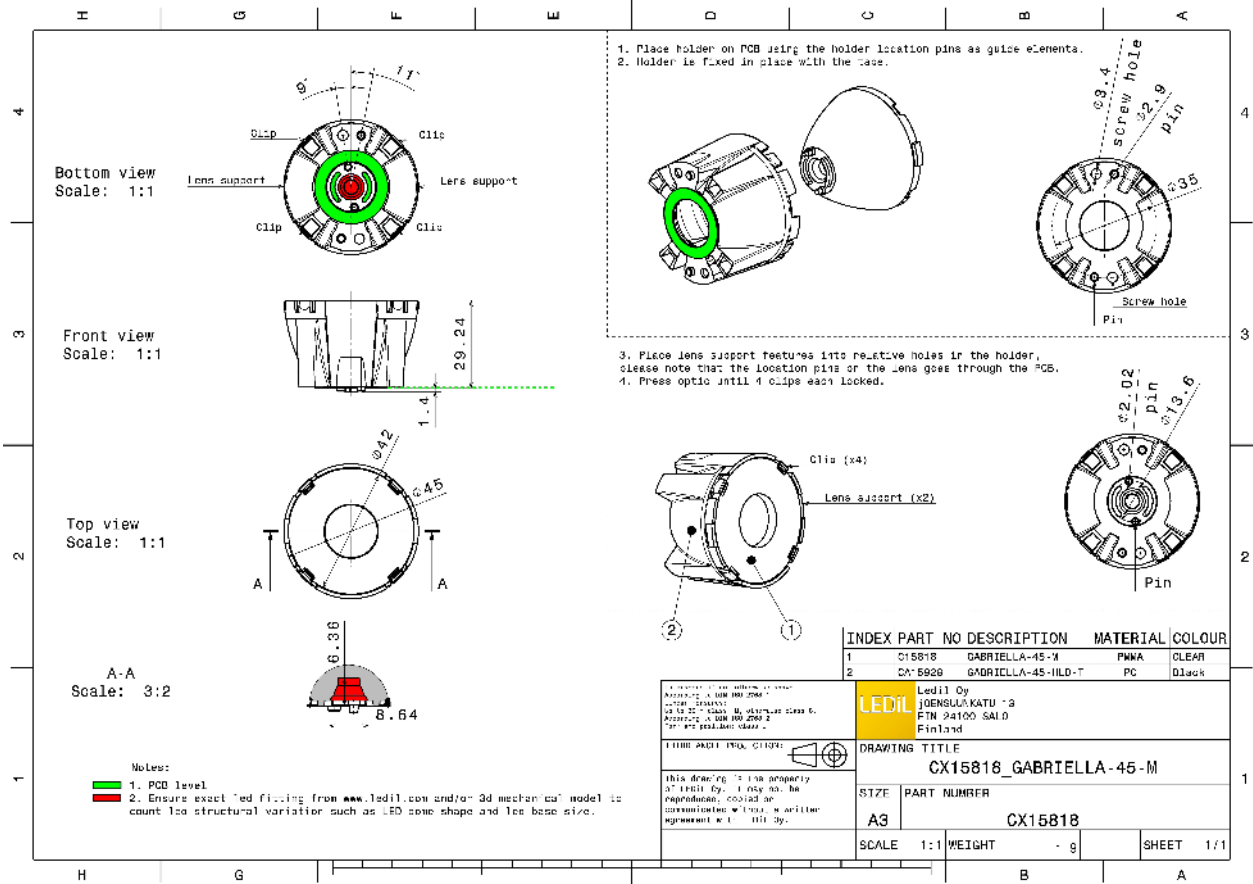
### ORDERING INFORMATION:

#### Quantities for one set:

Single lens	1
Assembly	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15810_GABRIELLA-45-M » Box size: 476 x 273 x 292 mm	Single lens	405	90	45	11.3
CA15928_GABRIELLA-45-HLD-T » Box size: 476 x 273 x 292 mm	Assembly	405	90	45	5.7

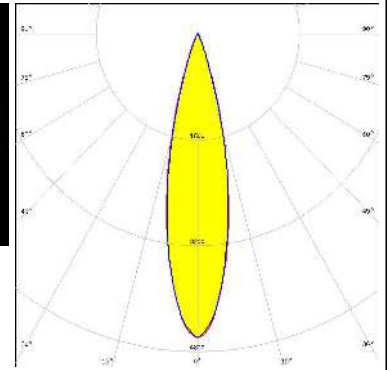


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

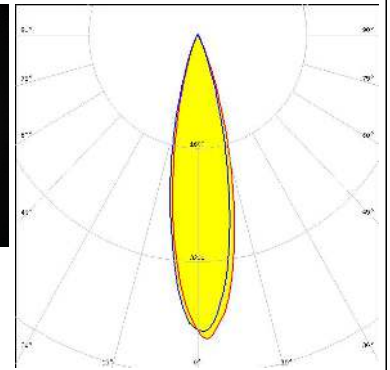
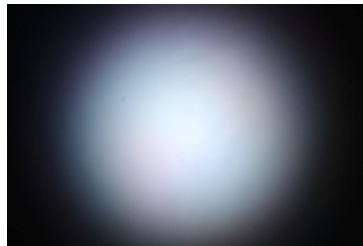
#### CREE LED

LED XM-L RGBW (XMLDCL HI)  
 FWHM / FWTM 24.0° / 41.0°  
 Efficiency 88 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



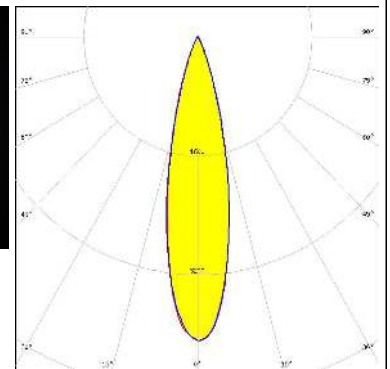
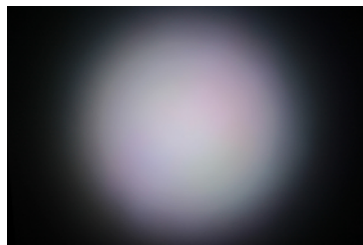
#### CREE LED

LED XQ-E HD  
 FWHM / FWTM 24.0° / 43.0°  
 Efficiency 86 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



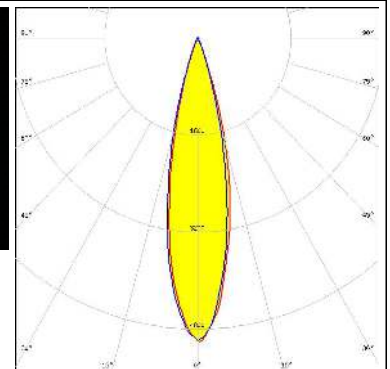
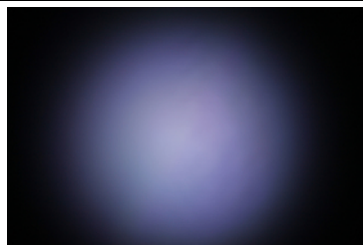
#### LUMILEDS

LED LUXEON CZ  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 87 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:

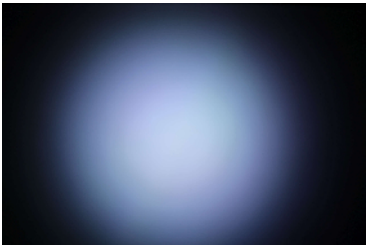
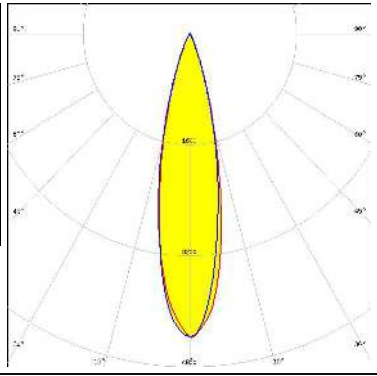

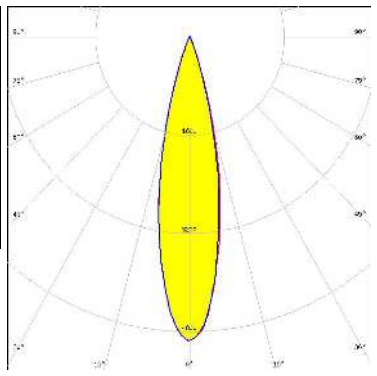

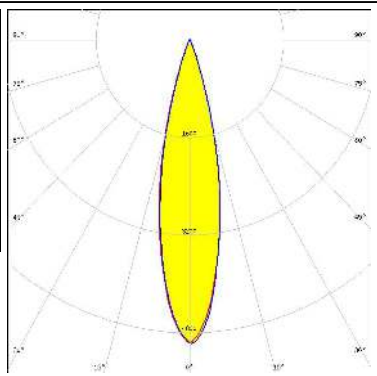
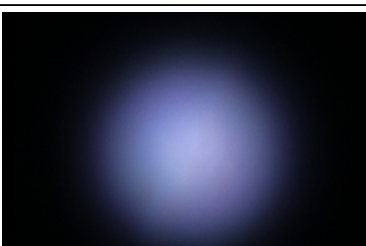
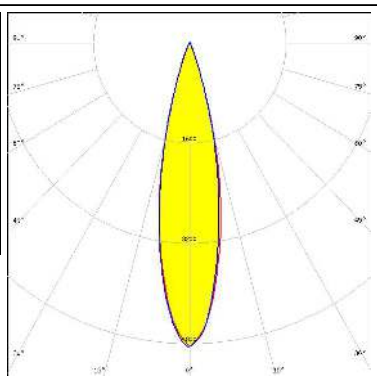


#### LUMINUS


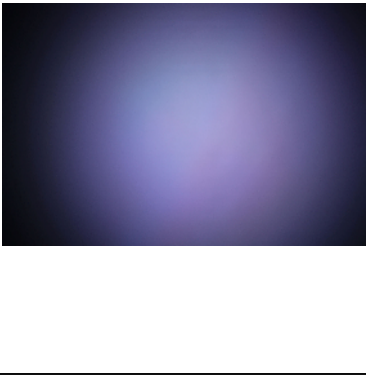
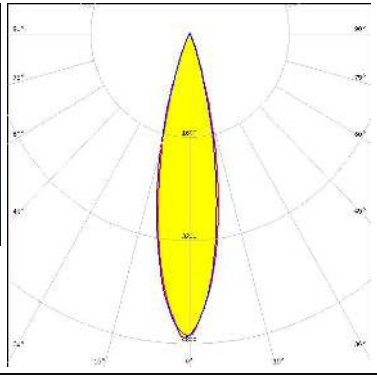


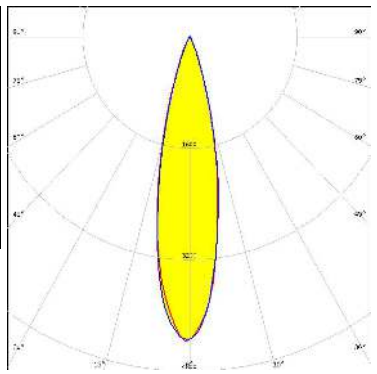
LED SBM-40-RGBW  
 FWHM / FWTM 24.0° / 40.0°  
 Efficiency 89 %  
 Peak intensity 5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



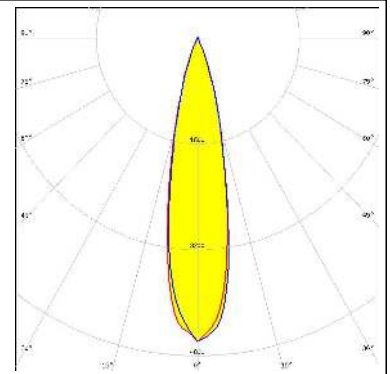
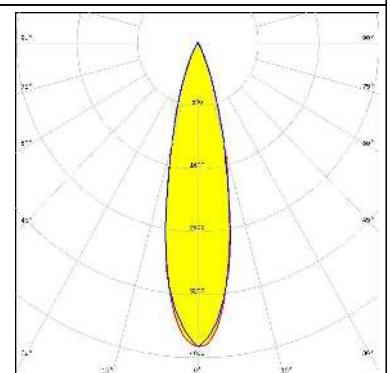
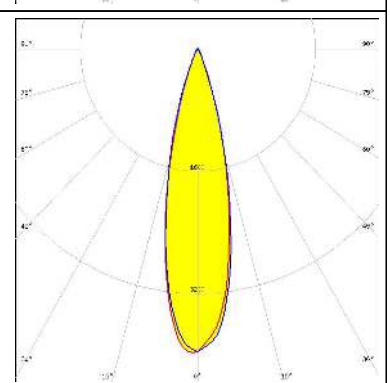
### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxE17A            FWHM / FWTM 23.0° / 43.0°            Efficiency 90 %            Peak intensity 4.4 cd/lm            LEDs/each optic 4            Light colour RGBW            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW219F            FWHM / FWTM 24.0° / 40.0°            Efficiency 89 %            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 Stage (S2WN)            FWHM / FWTM 23.0° / 40.0°            Efficiency 89 %            Peak intensity 5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SEMI</b> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A            FWHM / FWTM 24.0° / 40.0°            Efficiency 89 %            Peak intensity 4.9 cd/lm            LEDs/each optic 1            Light colour RGBW            Required components:</p>		

### OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED                    SPF05F0B</p> <p>FWHM / FWTM      23.5 + 24.0° / 41.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity      4.7 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED                    SPF05F0C</p> <p>FWHM / FWTM      23.0° / 43.0°</p> <p>Efficiency            87 %</p> <p>Peak intensity      4.4 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		

### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED XM-L RGBW (XMLCTW)            FWHM / FWTM 23.0°            Efficiency 85 %            Peak intensity 4.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON C            FWHM / FWTM 24.0°            Efficiency 86 %            Peak intensity 4 cd/lm            LEDs/each optic 4            Light colour RGBW            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSTAR Stage (S2WP)            FWHM / FWTM 25.0°            Efficiency 86 %            Peak intensity 4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

### 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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