

## 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  |        |

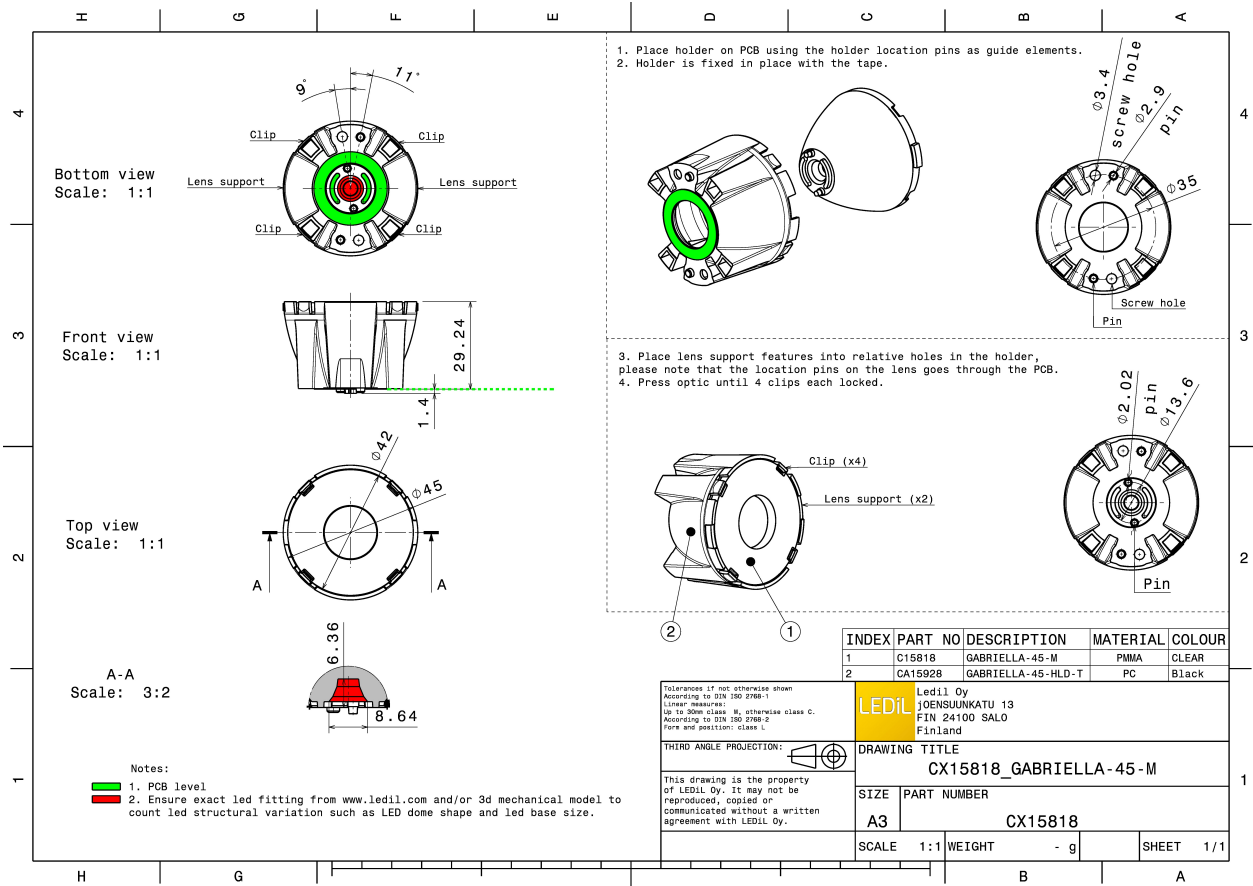
### ORDERING INFORMATION:

#### Quantities for one set:

|             |   |
|-------------|---|
| Single lens | 1 |
| Assembly    | 1 |



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

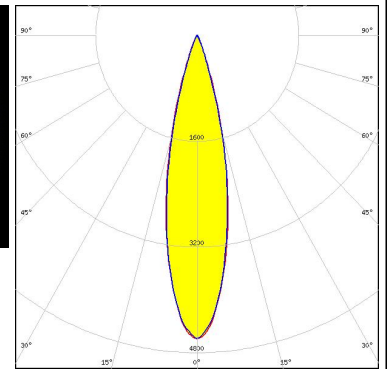
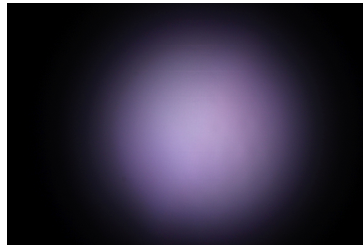


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

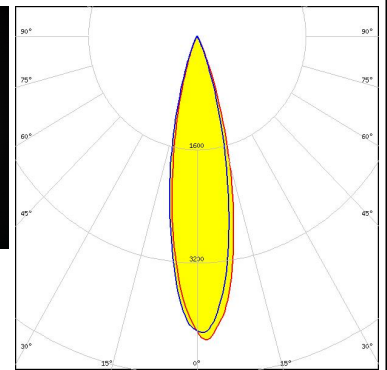
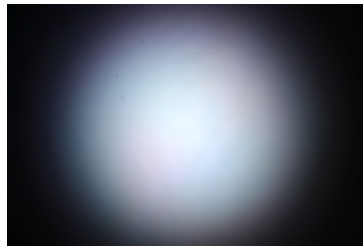
### OPTICAL RESULTS (MEASURED):



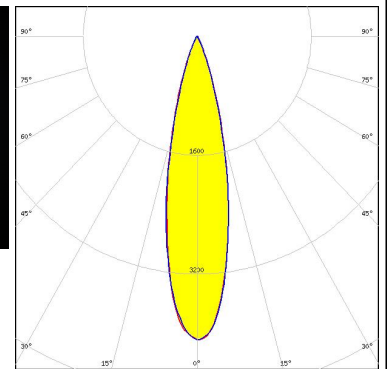
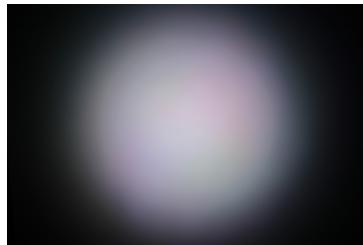
LED XM-L RGBW (XMLDCL HI)  
 FWHM / FWTM 24.0° / 41.0°  
 Efficiency 88 %  
 Peak intensity 4.6 cd/m  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



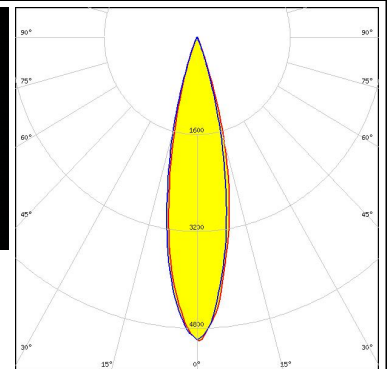
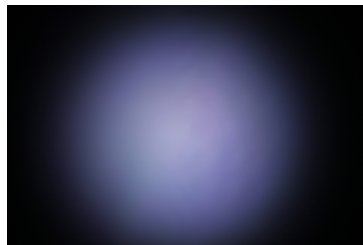
LED XQ-E HD  
 FWHM / FWTM 24.0° / 43.0°  
 Efficiency 86 %  
 Peak intensity 4.3 cd/m  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:




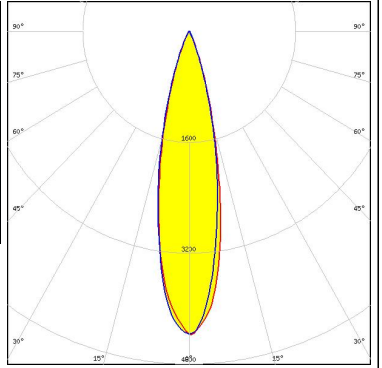
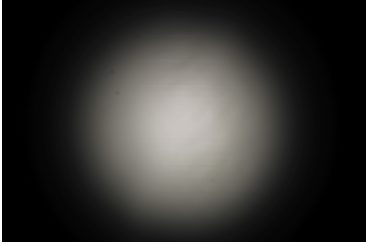
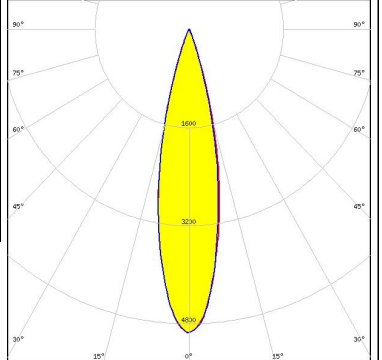

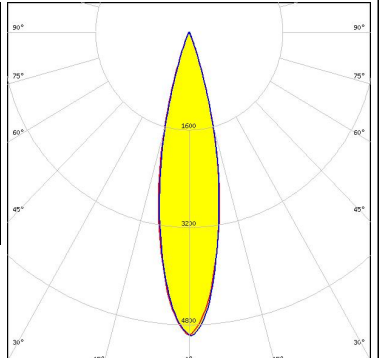
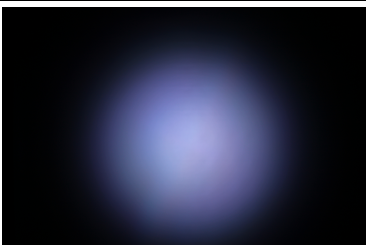
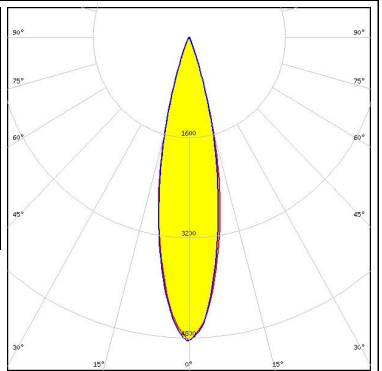
LED LUXEON CZ  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 87 %  
 Peak intensity 4.1 cd/m  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:





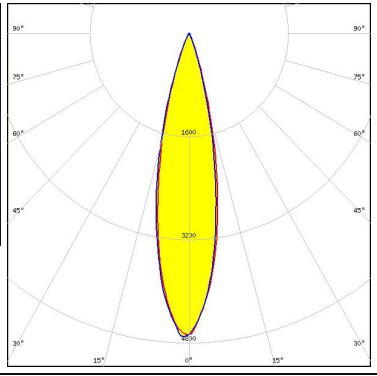


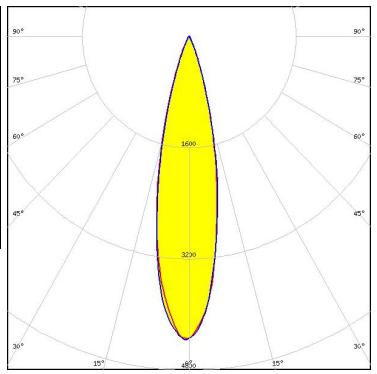
LED SBM-40-RGBW  
 FWHM / FWTM 24.0° / 40.0°  
 Efficiency 89 %  
 Peak intensity 5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

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

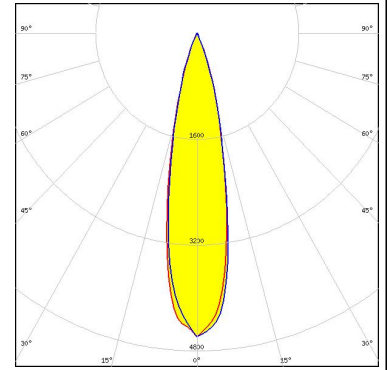
### OPTICAL RESULTS (MEASURED):

|   |   |  |
|---|---|--|
| <p> SEOL 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/m</p> <p>LEDs/each optic     1</p> <p>Light colour          RGBW</p> <p>Required components:</p> |   |   |
| <p> SEOL SEMICONDUCTOR</p> <p>LED                    SPF05F0C</p> <p>FWHM / FWTM        23.0° / 43.0°</p> <p>Efficiency             87 %</p> <p>Peak intensity        4.4 cd/m</p> <p>LEDs/each optic     1</p> <p>Light colour          RGBW</p> <p>Required components:</p>        |  |  |

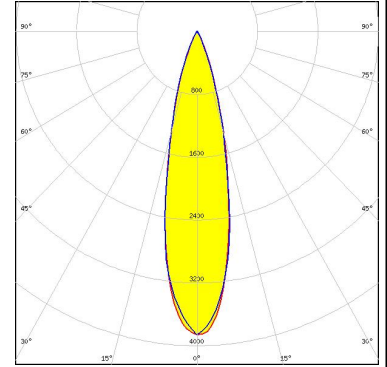
### OPTICAL RESULTS (SIMULATED):



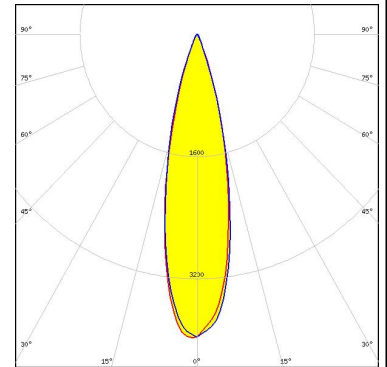
LED XM-L RGBW (XMLCTW)  
 FWHM / FWTM 23.0°  
 Efficiency 85 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON C  
 FWHM / FWTM 24.0°  
 Efficiency 86 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



LED OSTAR Stage (S2WP)  
 FWHM / FWTM 25.0°  
 Efficiency 86 %  
 Peak intensity 4 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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