

## GABRIELLA-45-M

~25° medium beam with holder and installation tape

## SPECIFICATION:

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



## MATERIALS:

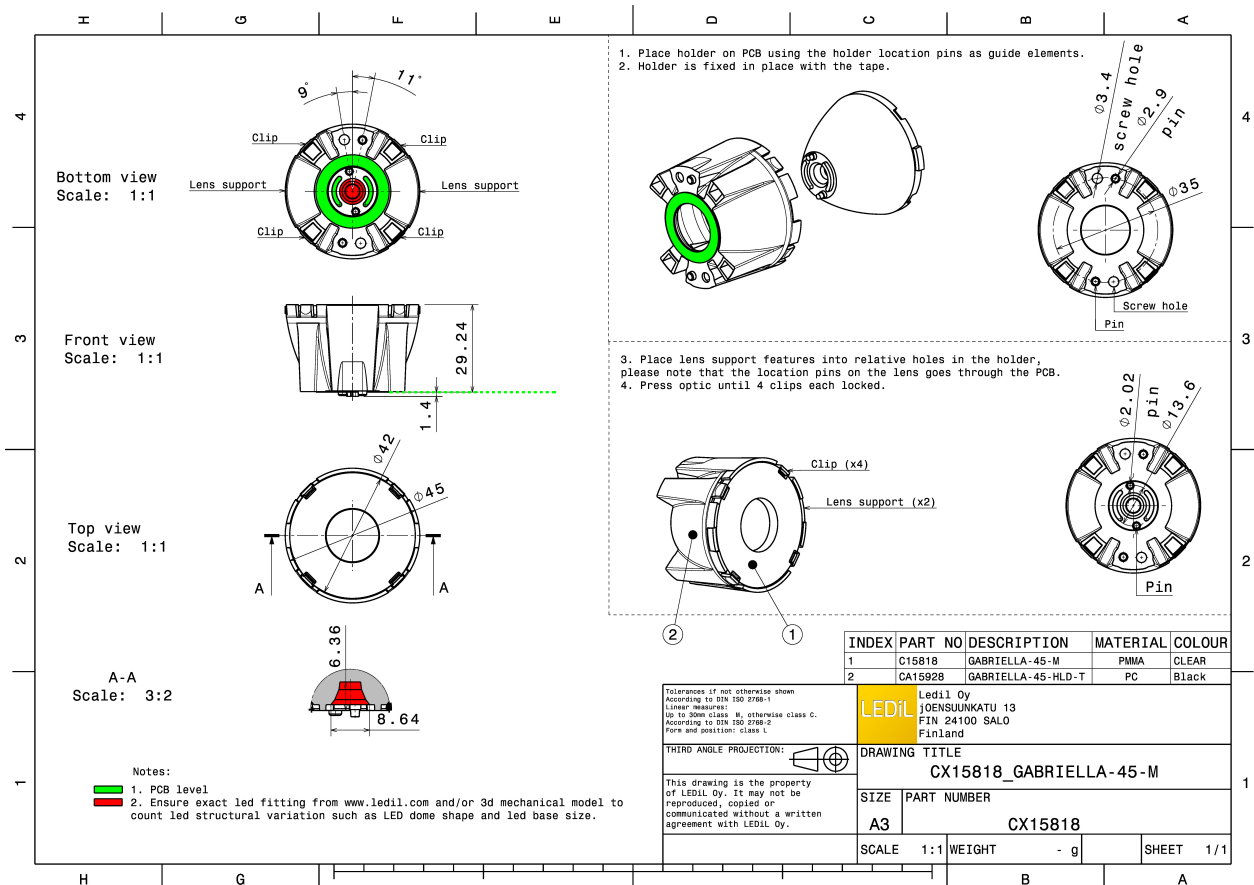
Component	Type	Material	Colour	Finish	Length (mm)
GABRIELLA-45-M	Single lens	PMMA	clear		
GABRIELLA-45-HLD-T	Holder	PC	black		
GABRIELLA-TAPE	Tape	Acryl tape	black		

## 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

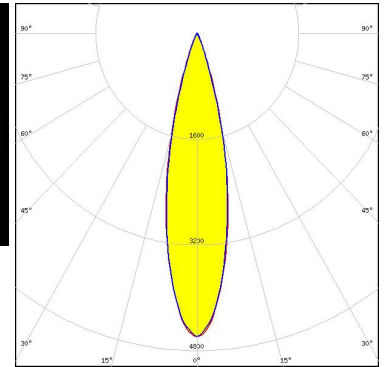
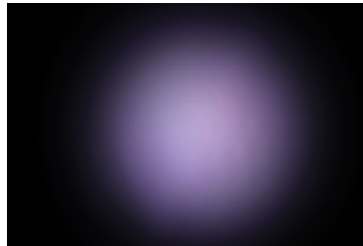


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



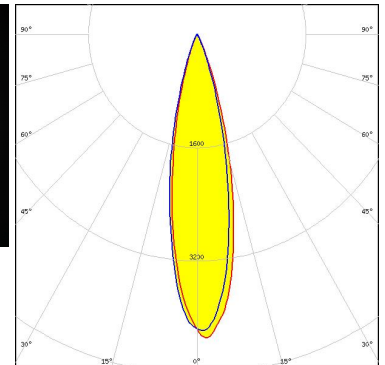
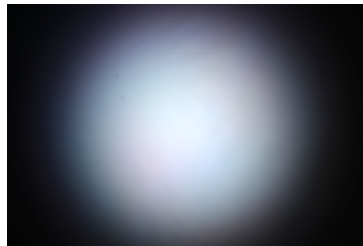
LED XM-L RGBW (XMLDCL HI)  
FWHM / FWTM 24.0° / 41.0°  
Efficiency 88 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



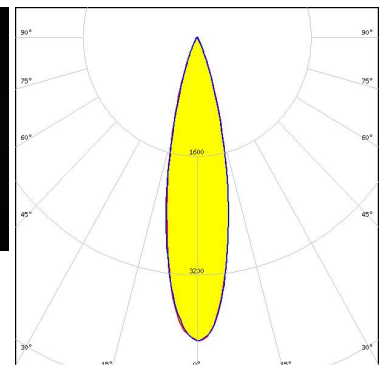
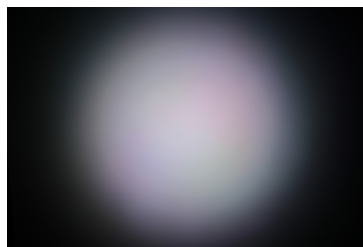
LED XQ-E HD  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 86 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



Light distribution files



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



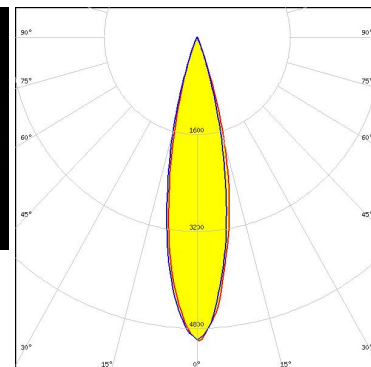
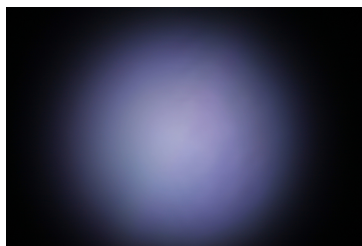
Light distribution files



### OPTICAL RESULTS (MEASURED):



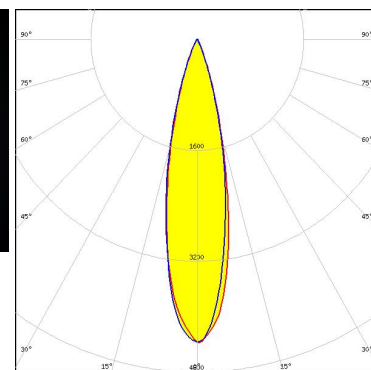
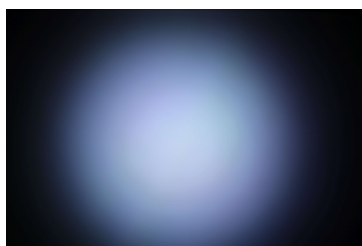
LED SBM-40-RGBW  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 89 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



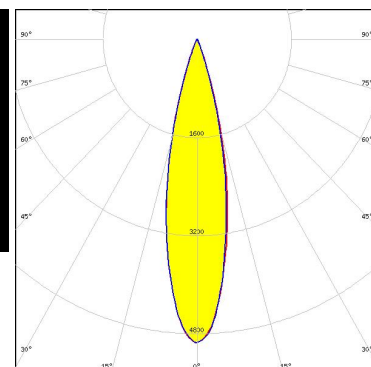
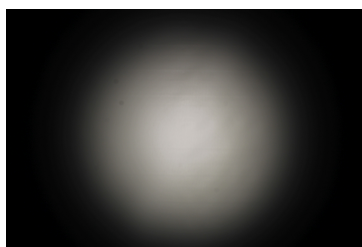
LED NCSxE17A  
FWHM / FWTM 23.0° / 43.0°  
Efficiency 90 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



Light distribution files



LED NVSW219F  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 89 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

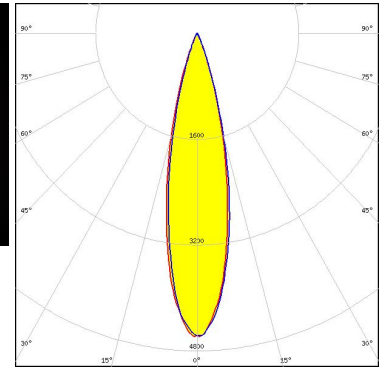
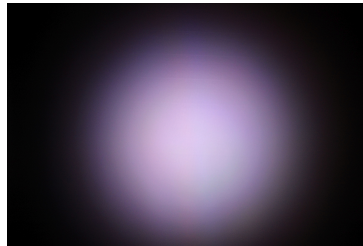


Light distribution files

### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

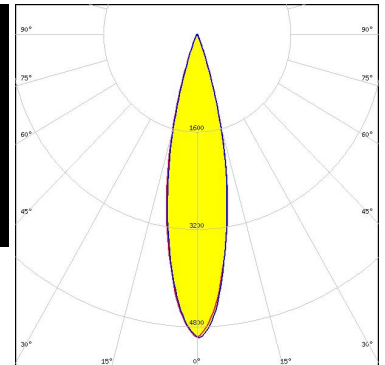
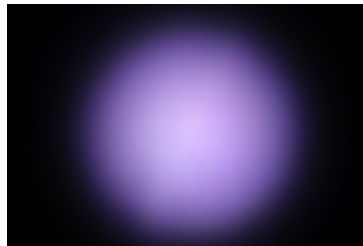
LED OSLON Pure 1414  
FWHM / FWTM 24.0° / 42.0°  
Efficiency 88 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

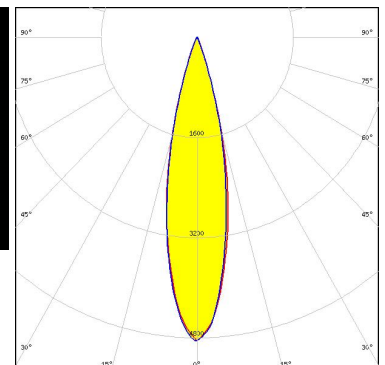
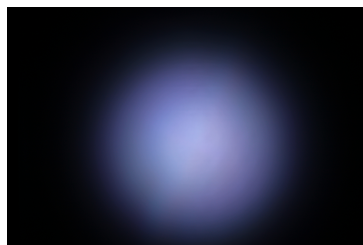
LED OSTAR Stage (S2WN)  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 89 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SEKUL**  
SEOUL SEMICONDUCTOR

LED SPF05F0A  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 89 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:

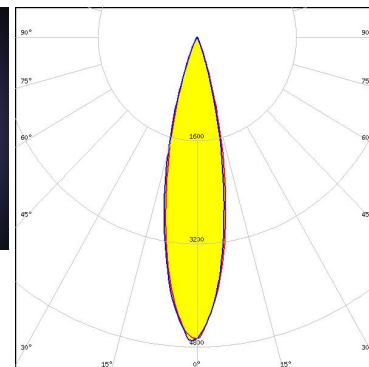
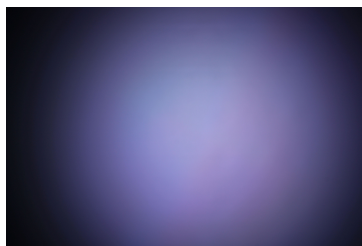


Light distribution files

### OPTICAL RESULTS (MEASURED):



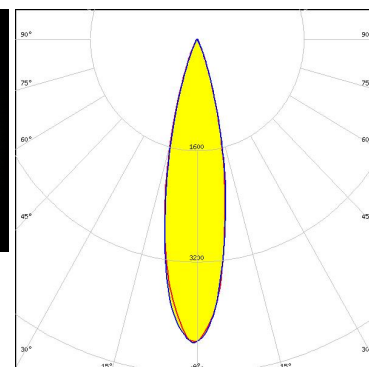
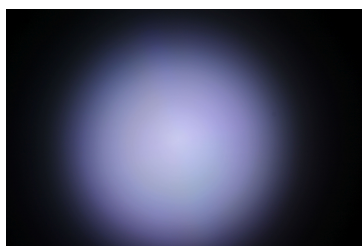
LED                      SPF05F0B  
FWHM / FWTM        23.5 + 24.0° / 41.0°  
Efficiency              88 %  
Peak intensity        4.7 cd/lm  
LEDs/each optic      1  
Light colour/type     RGBW  
Required components:



Light distribution files



LED                      SPF05F0C  
FWHM / FWTM        23.0° / 43.0°  
Efficiency              87 %  
Peak intensity        4.4 cd/lm  
LEDs/each optic      1  
Light colour/type     RGBW  
Required components:

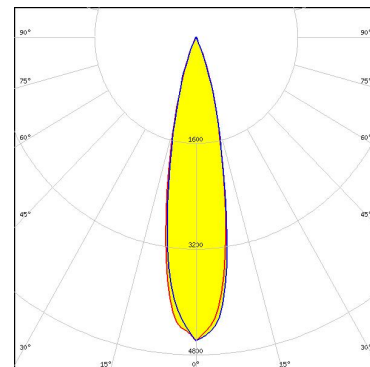


Light distribution files

### OPTICAL RESULTS (SIMULATED):



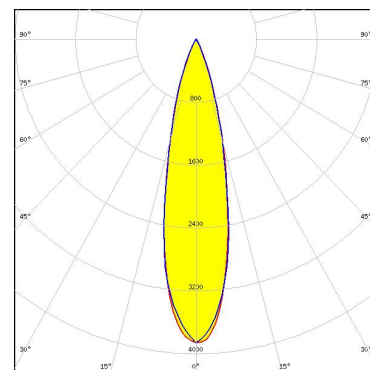
LED XM-L RGBW (XMLCTW)  
FWHM / FWTM 23.0°  
Efficiency 85 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



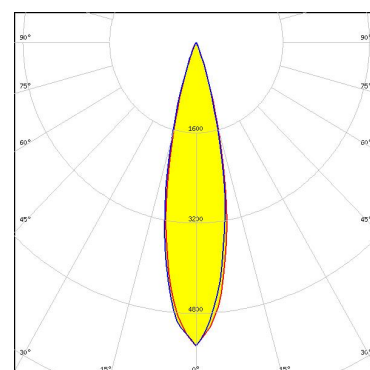
LED LUXEON C  
FWHM / FWTM 24.0°  
Efficiency 86 %  
Peak intensity 4 cd/lm  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



Light distribution files



LED OSTAR Stage (S2WN)  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 93 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

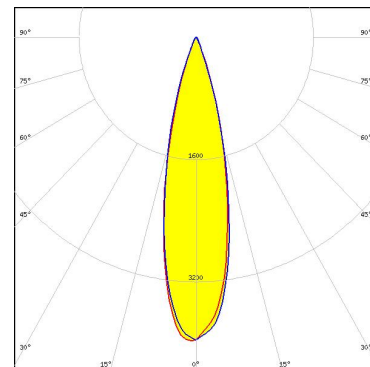


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSTAR Stage (S2WP)
FWHM / FWTM	25.0°
Efficiency	86 %
Peak intensity	4 cd/Im
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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