

## GABRIELLA-45-W

~35° wide beam with holder

### SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	28.8 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

### MATERIALS:

Component	Type	Material	Colour	Finish
C15813_GABRIELLA-45-W	Single lens	PMMA	clear	
C15528_GABRIELLA-45-HLD	Holder	PC	black	

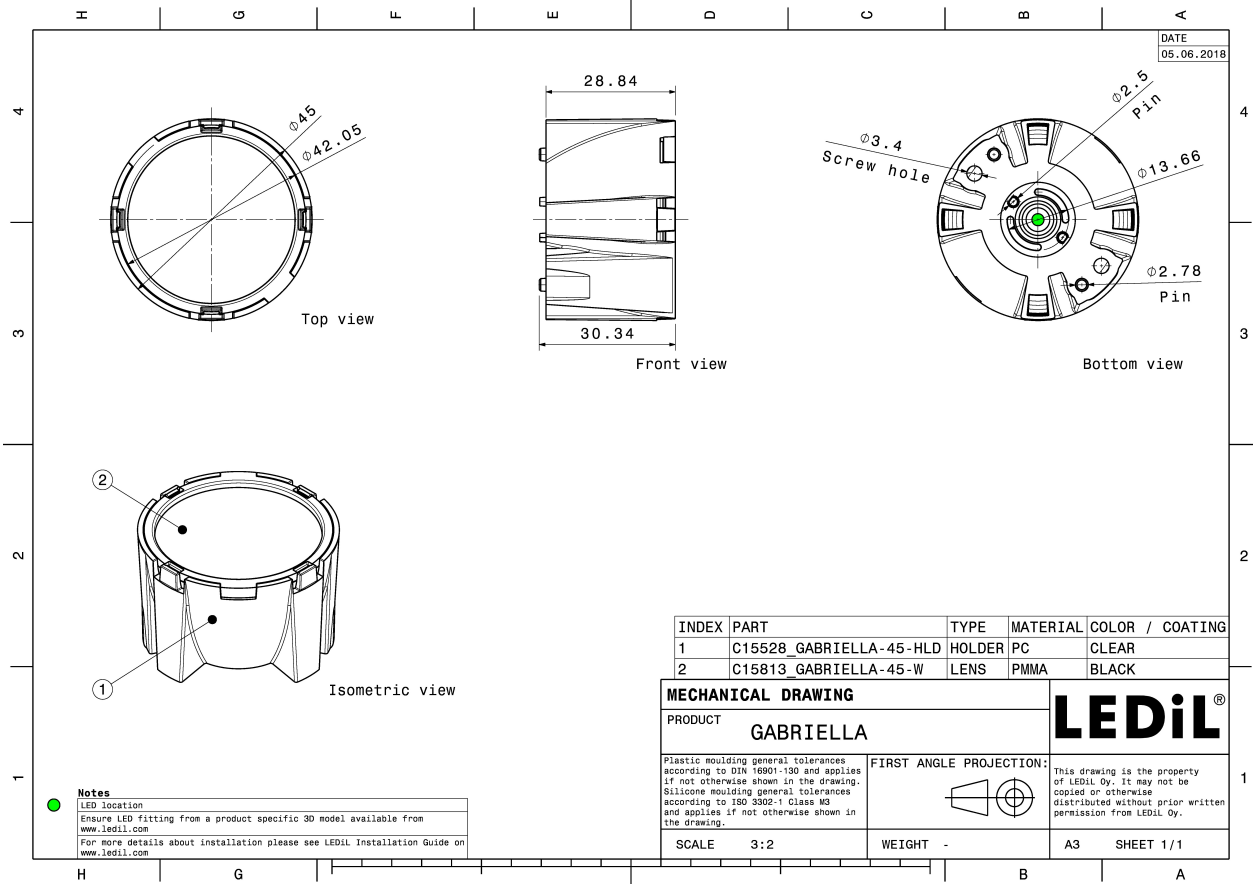
### ORDERING INFORMATION:

#### Quantities for one set:

Single lens	1
Holder	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15813_GABRIELLA-45-W	Single lens	405	90	45	8.6
» Box size: 476 x 273 x 292 mm					
C15528_GABRIELLA-45-HLD	Holder	405	90	45	5.1
» Box size: 476 x 273 x 292 mm					

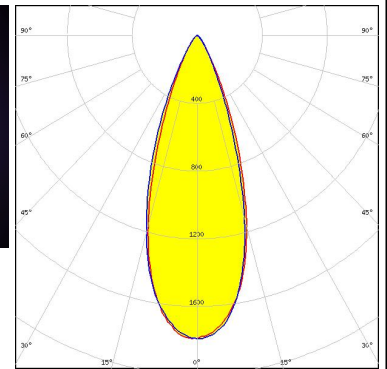
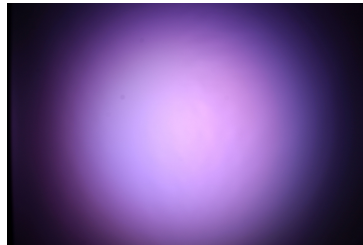


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

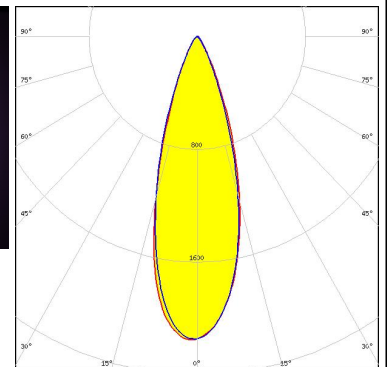
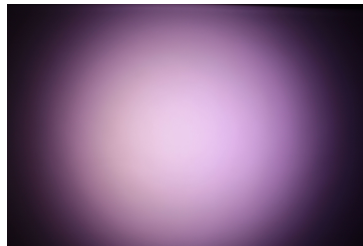
### OPTICAL RESULTS (MEASURED):



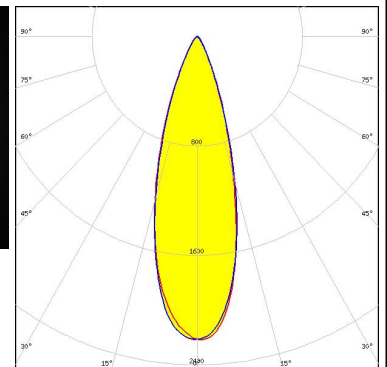
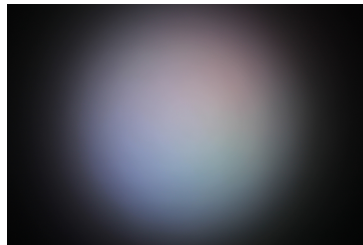
LED XM-L RGBW (XMLCTW)  
 FWHM / FWTM 37.0° / 62.0°  
 Efficiency 79 %  
 Peak intensity 1.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



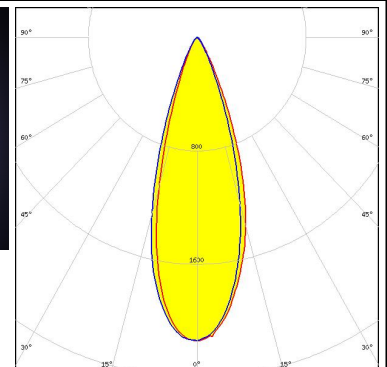
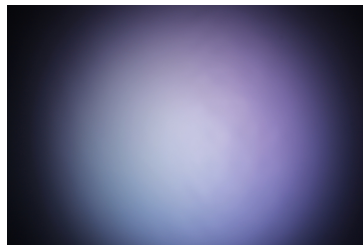
LED LUXEON 5052 RGBW  
 FWHM / FWTM 32.0° / 57.0°  
 Efficiency 79 %  
 Peak intensity 2.2 cd/m  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



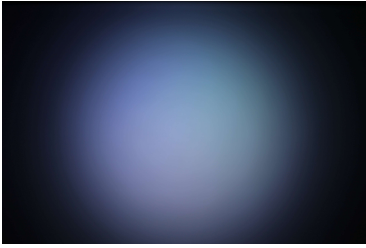
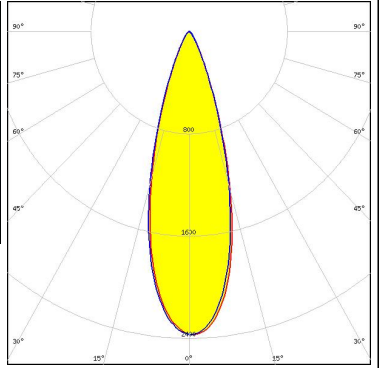
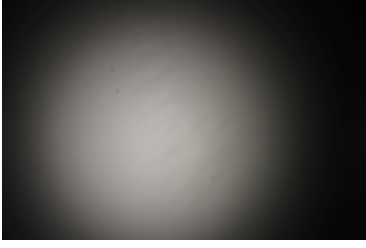
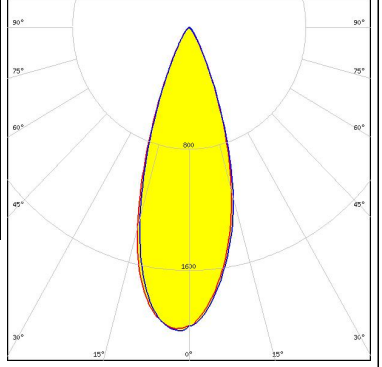
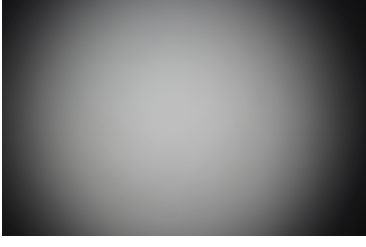
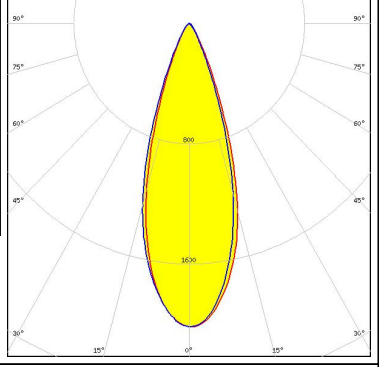
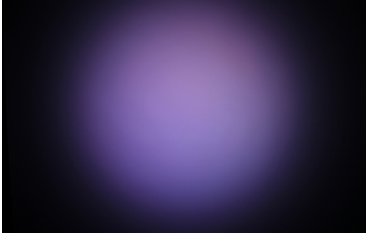
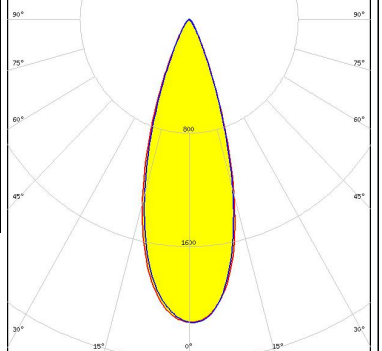
LED LUXEON CZ  
 FWHM / FWTM 31.0° / 56.0°  
 Efficiency 78 %  
 Peak intensity 2.2 cd/m  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:





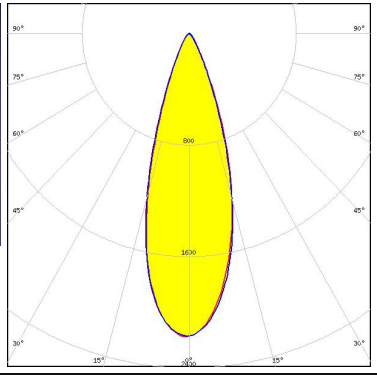

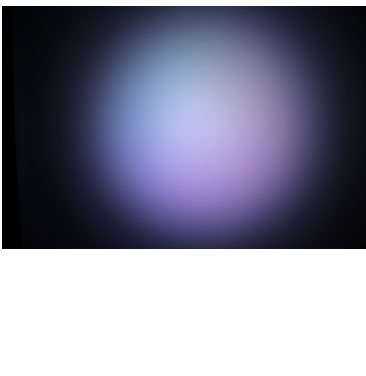
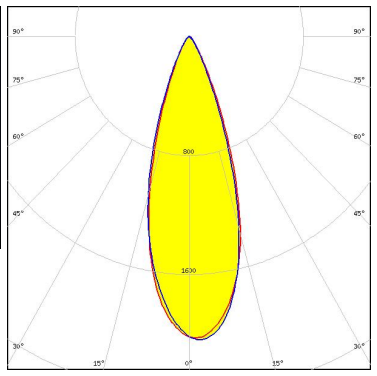


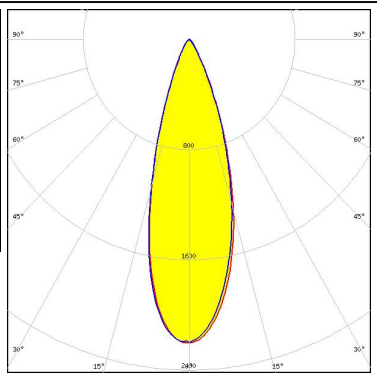
LED SBM-40-RGBW  
 FWHM / FWTM 33.0° / 56.0°  
 Efficiency 80 %  
 Peak intensity 2.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxE17A            FWHM / FWTM 31.0° / 54.0°            Efficiency 81 %            Peak intensity 2.4 cd/lm            LEDs/each optic 4            Light colour RGBW            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW219F            FWHM / FWTM 35.0° / 59.0°            Efficiency 80 %            Peak intensity 2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLOM Square EC            FWHM / FWTM 34.0° / 57.0°            Efficiency 78 %            Peak intensity 2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Ostar-SMT RGB            FWHM / FWTM 34.0° / 56.0°            Efficiency 81 %            Peak intensity 2.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

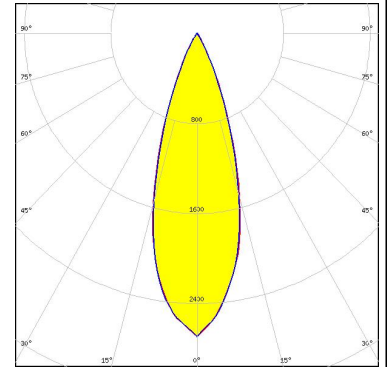
### OPTICAL RESULTS (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED                    SPF05F0A</p> <p>FWHM / FWTM      33.0° / 56.0°</p> <p>Efficiency            78 %</p> <p>Peak intensity      2.2 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED                    SPF05F0B</p> <p>FWHM / FWTM      34.0° / 58.0°</p> <p>Efficiency            80 %</p> <p>Peak intensity      2.1 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      32.0° / 56.0°</p> <p>Efficiency            79 %</p> <p>Peak intensity      2.2 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		

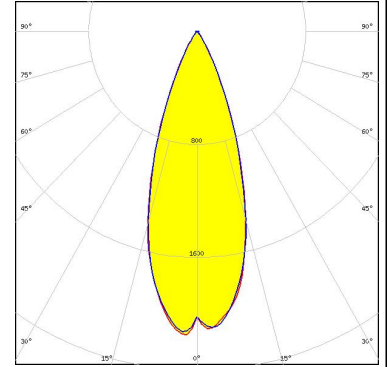
### OPTICAL RESULTS (SIMULATED):



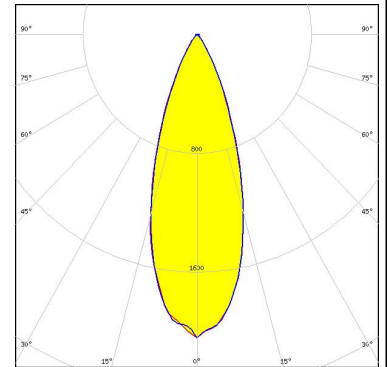
LED J Series 5050 Round LES  
 FWHM / FWTM 33.0° / 54.0°  
 Efficiency 90 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



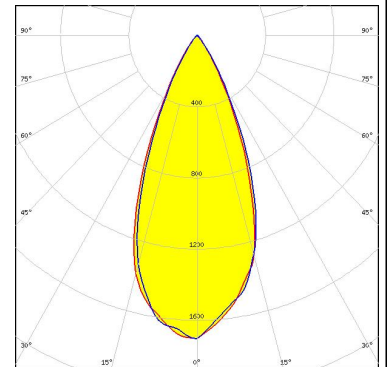
LED XHP50.2  
 FWHM / FWTM 36.0° / 60.0°  
 Efficiency 87 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP70.2  
 FWHM / FWTM 35.0° / 62.0°  
 Efficiency 85 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



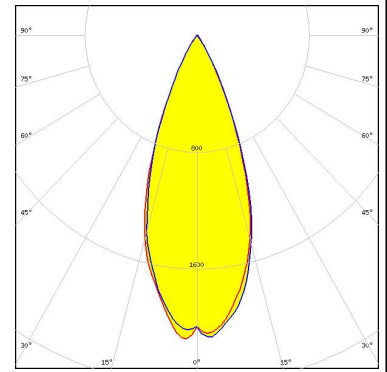
LED XM-L RGBW (XMLDCL HD)  
 FWHM / FWTM 43.0° / 67.0°  
 Efficiency 90 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



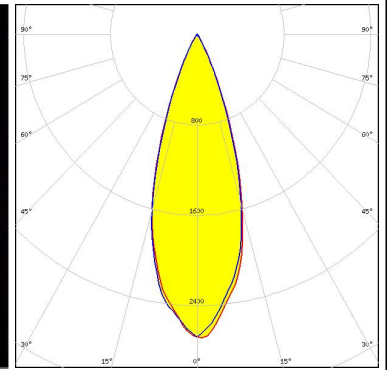
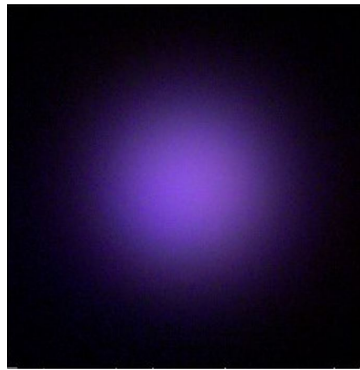
### OPTICAL RESULTS (SIMULATED):



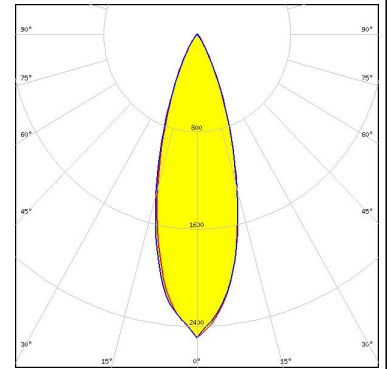
LED XM-L RGBW (XMLDCL HI)  
 FWHM / FWTM 40.0 + 39.0° / 62.0°  
 Efficiency 91 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



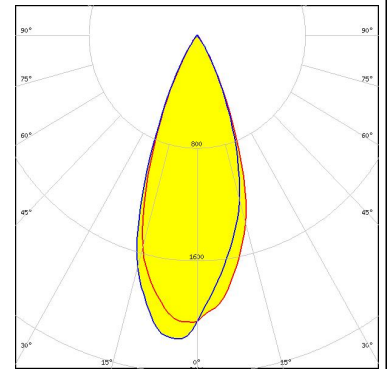
LED LZ7 Plus (LZ7-04M2PD)  
 FWHM / FWTM 34.0° / 54.0°  
 Efficiency 90 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 7070  
 FWHM / FWTM 32.0° / 58.0°  
 Efficiency 87 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rubix  
 FWHM / FWTM 39.0 + 38.0° / 62.0 + 61.0°  
 Efficiency 91 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



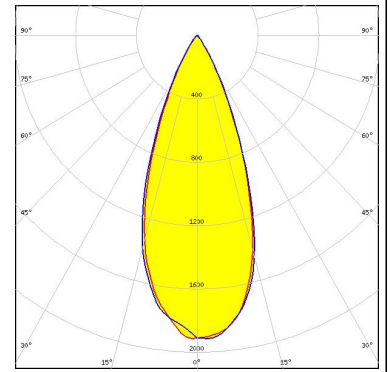


### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

LED DURIS E 5050 (GW J9LHS1.4M)  
 FWHM / FWTM 40.0° / 64.0°  
 Efficiency 90 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



#### OSRAM

Opto Semiconductors

LED SFH 4717AS  
 FWHM / FWTM 32.0° / 52.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:

