

## GABRIELLA-45-W

~35° wide beam with holder

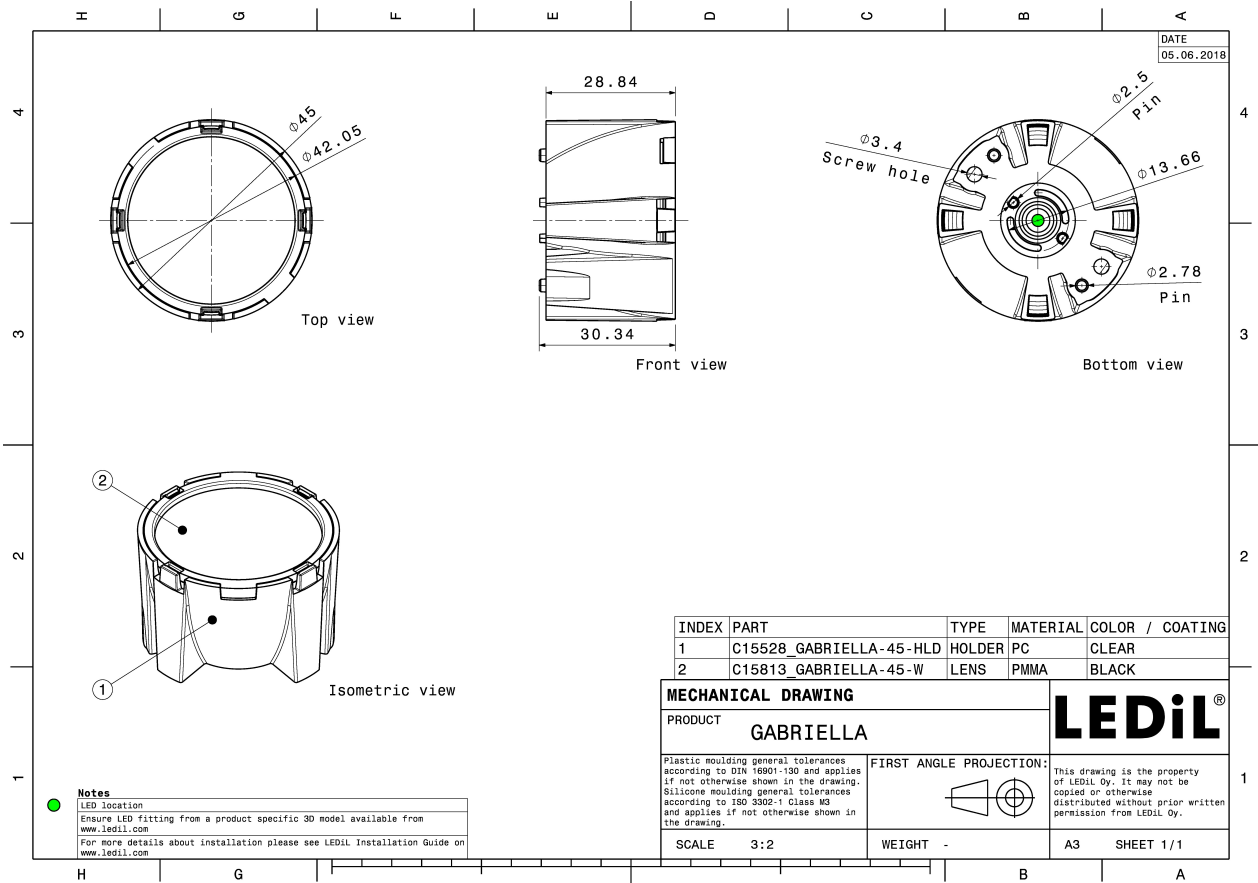
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	28.8 mm
Fastening	pin, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	405 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

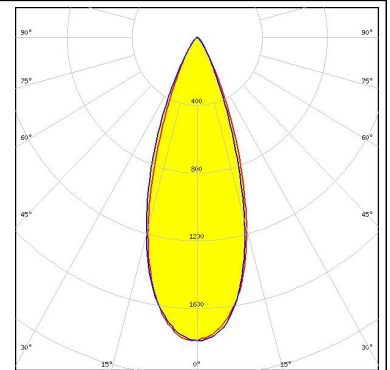
Component	Type	Material	Colour
GABRIELLA-45-W	Single lens	PMMA	
GABRIELLA-45-HLD	Holder	PC	black



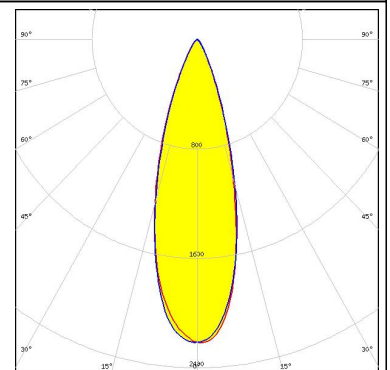
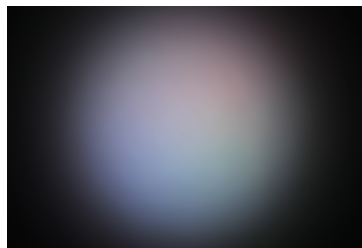
#### PHOTOMETRIC DATA (MEASURED):



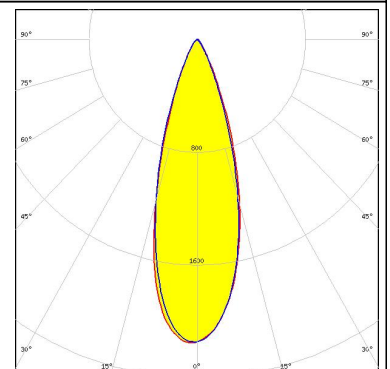
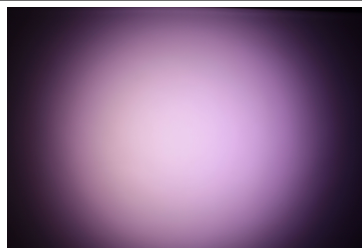
LED XM-L RGB  
 FWHM 37.0°  
 Efficiency 79 %  
 Peak intensity 1.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



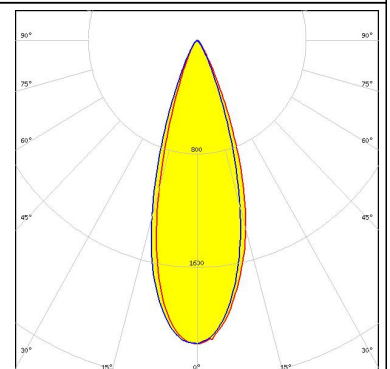
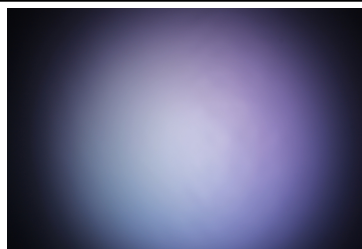
LED LUXEON CZ  
 FWHM 31.0°  
 Efficiency 78 %  
 Peak intensity 2.200 cd/lm  
 LEDs/each optic 4  
 Light colour RGBW  
 Required components:



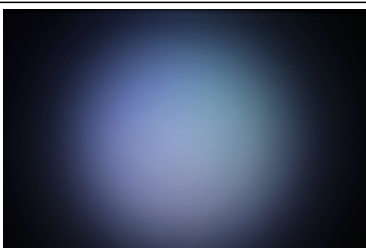
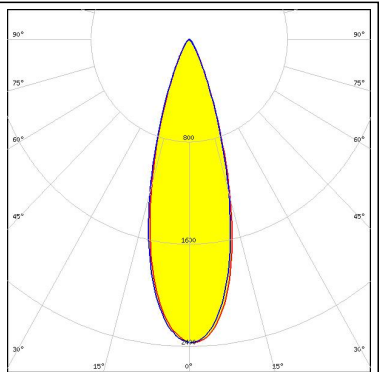
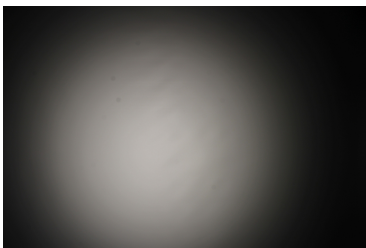
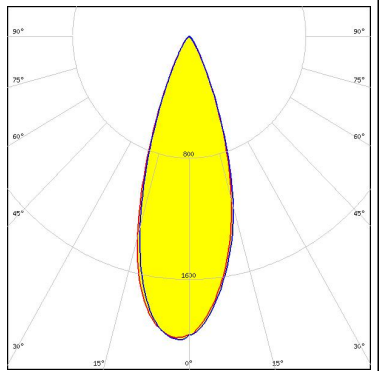

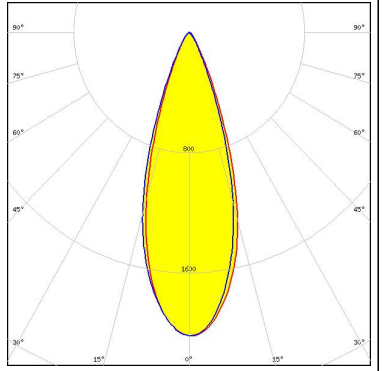
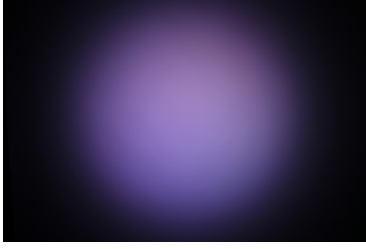
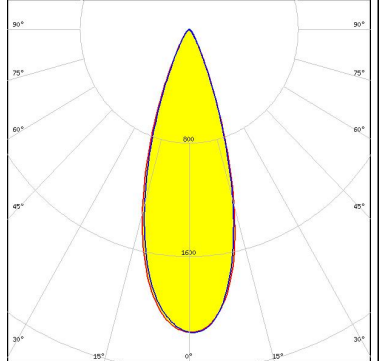
LED LUXEON MultiColor Module 2.5W  
 FWHM 32.0°  
 Efficiency 79 %  
 Peak intensity 2.200 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



LED SBM-40-RGBW  
 FWHM 33.0°  
 Efficiency 80 %  
 Peak intensity 2.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



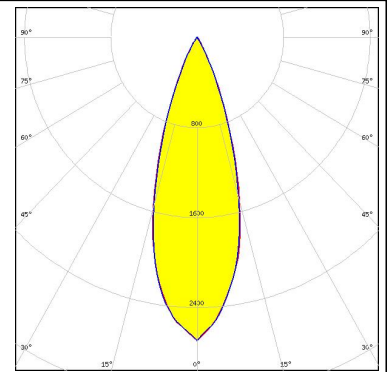
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxE17A            FWHM 31.0°            Efficiency 81 %            Peak intensity 2.400 cd/lm            LEDs/each optic 4            Light colour RGBW            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW219F            FWHM 35.0°            Efficiency 80 %            Peak intensity 2.000 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSOLON Square EC            FWHM 34.0°            Efficiency 78 %            Peak intensity 2.000 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 34.0°            Efficiency 81 %            Peak intensity 2.200 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

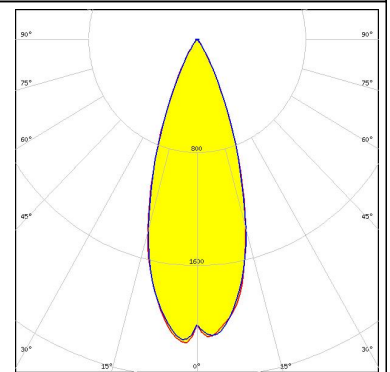
#### PHOTOMETRIC DATA (SIMULATED):



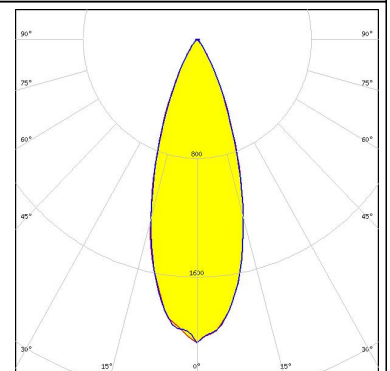
LED J Series 5050  
 FWHM 33.0°  
 Efficiency 90 %  
 Peak intensity 2.697 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



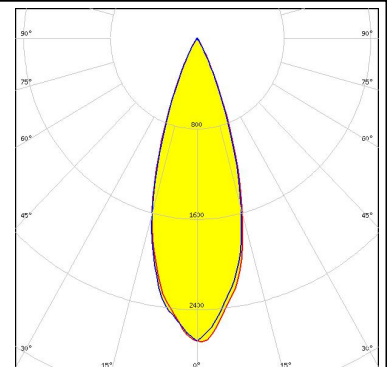
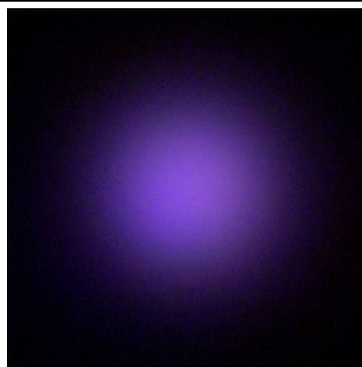
LED XHP50.2  
 FWHM 36.0°  
 Efficiency 87 %  
 Peak intensity 2.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP70.2  
 FWHM 35.0°  
 Efficiency 85 %  
 Peak intensity 2.050 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LZ7 Plus (LZ7-04M2PD)  
 FWHM 34.0°  
 Efficiency 90 %  
 Peak intensity 2.700 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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