


## GABRIELLA-45-S

~9° spot beam with holder

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	pin, screw
ROHS compliant	yes 

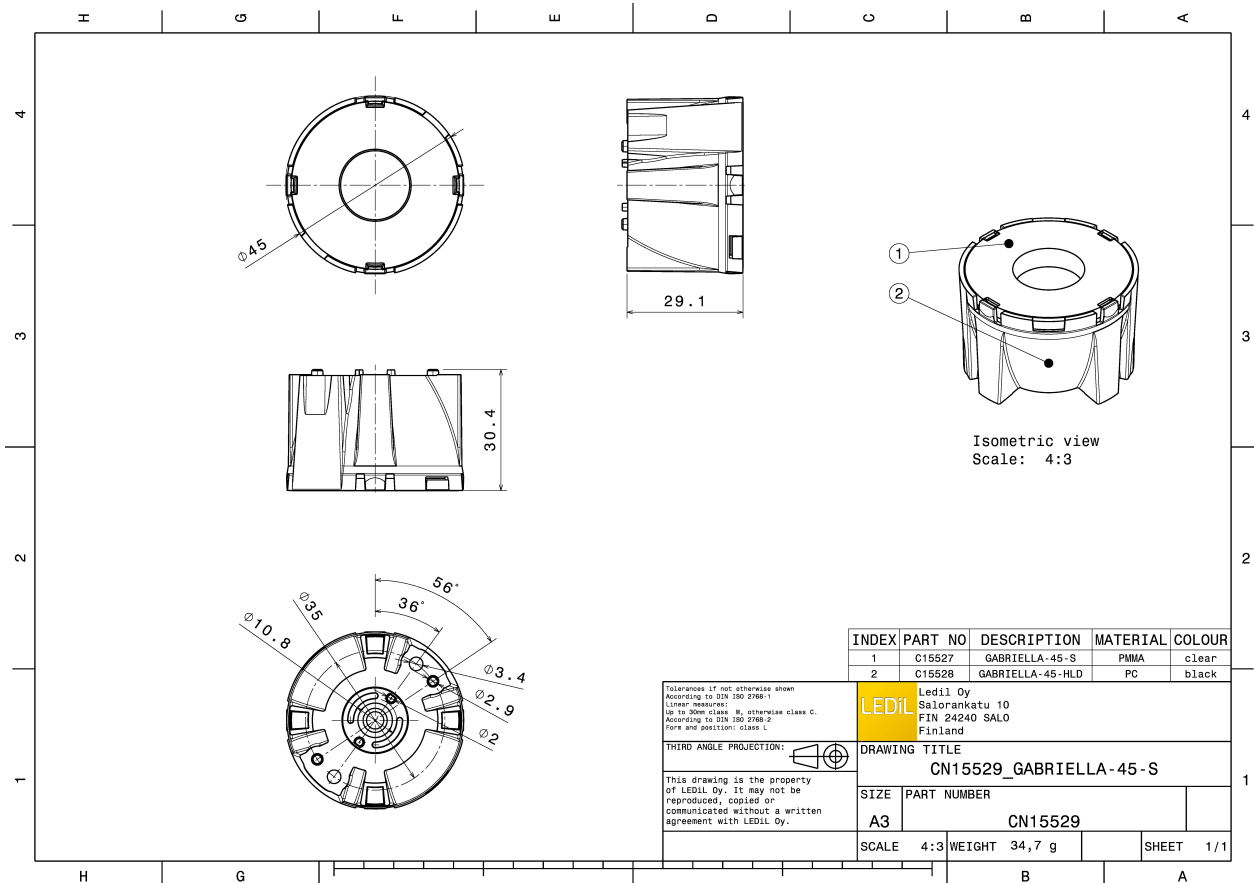
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
GABRIELLA-45-S	Single lens	PMMA	clear	
GABRIELLA-45-HLD	Holder	PC	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN15529_GABRIELLA-45-S	Single lens	405		45	0.0
» Box size:					

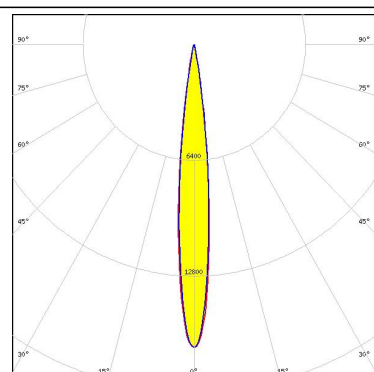
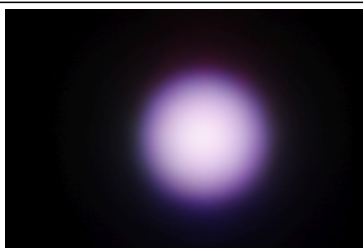




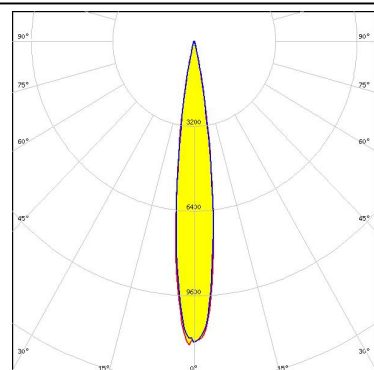
#### PHOTOMETRIC DATA (MEASURED):



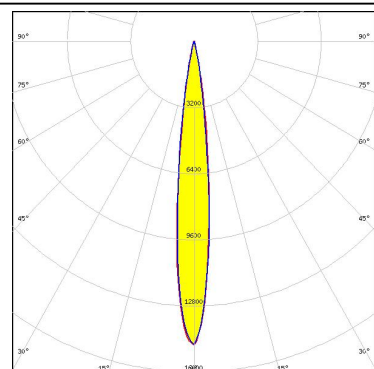
LED XM-L RGB  
FWHM 12.0°  
Efficiency 87 %  
Peak intensity 17 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



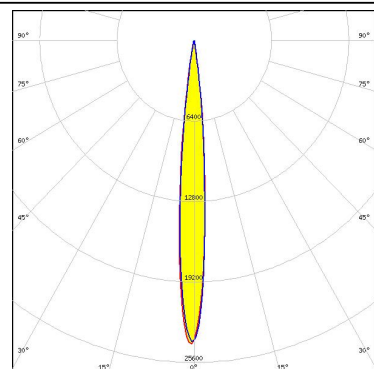
LED LUXEON CZ  
FWHM 14.0°  
Efficiency 88 %  
Peak intensity 11.4 cd/Im  
LEDs/each optic 4  
Light colour RGBW  
Required components:



LED LUXEON MultiColor Module 2.5W  
FWHM 12.0°  
Efficiency 91 %  
Peak intensity 14.8 cd/Im  
LEDs/each optic 1  
Light colour RGBW  
Required components:



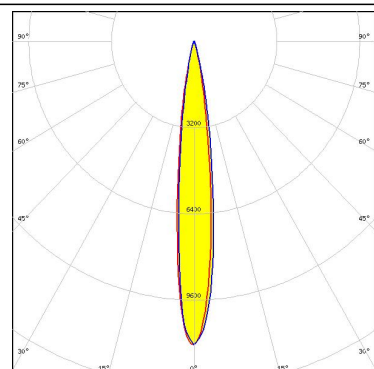
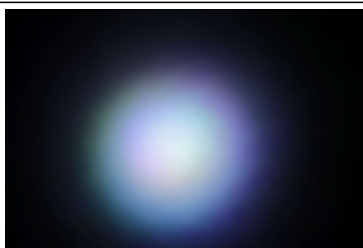
LED SBM-40-RGBW  
FWHM 10.0°  
Efficiency 90 %  
Peak intensity 24 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



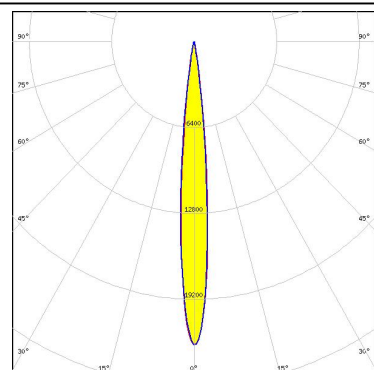
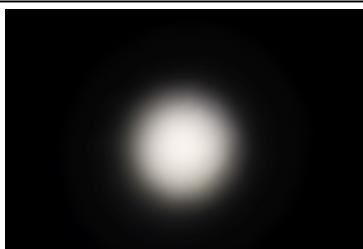
#### PHOTOMETRIC DATA (MEASURED):



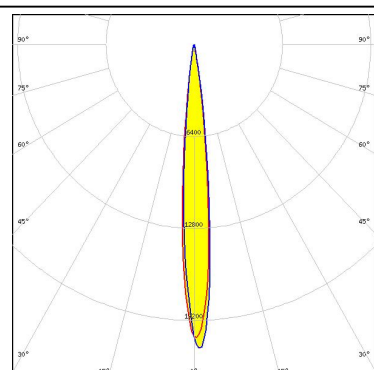
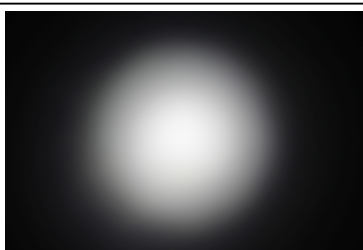
LED NCSxE17A  
FWHM 13.0°  
Efficiency 91 %  
Peak intensity 11 cd/lm  
LEDs/each optic 4  
Light colour RGBW  
Required components:



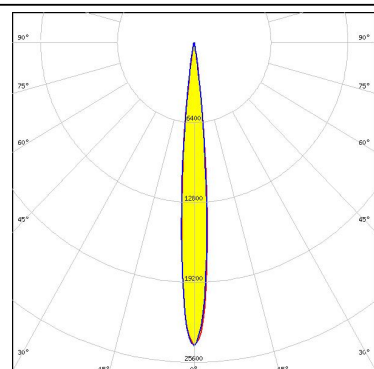
LED NVSW219F  
FWHM 10.0°  
Efficiency 91 %  
Peak intensity 22.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLON Square EC  
FWHM 10.0°  
Efficiency 88 %  
Peak intensity 21.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSTAR Stage (S2WN)  
FWHM 10.0°  
Efficiency 87 %  
Peak intensity 24 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



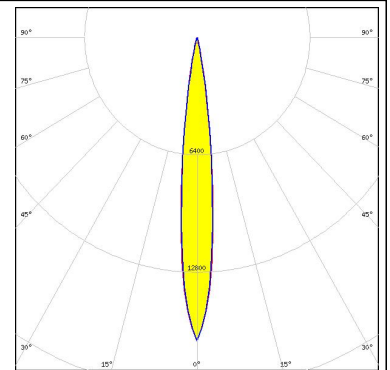
#### PHOTOMETRIC DATA (MEASURED):

<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED                    SPF05F0A</p> <p>FWHM                10.0°</p> <p>Efficiency            89 %</p> <p>Peak intensity       23.4 cd/Im</p> <p>LEDs/each optic    1</p> <p>Light colour         RGBW</p> <p>Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED                    SPF05F0B</p> <p>FWHM                10.0°</p> <p>Efficiency            90 %</p> <p>Peak intensity       21.3 cd/Im</p> <p>LEDs/each optic    1</p> <p>Light colour         RGBW</p> <p>Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED                    SPF05F0C</p> <p>FWHM                12.0°</p> <p>Efficiency            89 %</p> <p>Peak intensity       15.9 cd/Im</p> <p>LEDs/each optic    1</p> <p>Light colour         RGBW</p> <p>Required components:</p>		

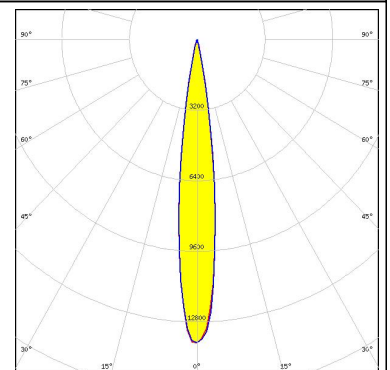
#### PHOTOMETRIC DATA (SIMULATED):



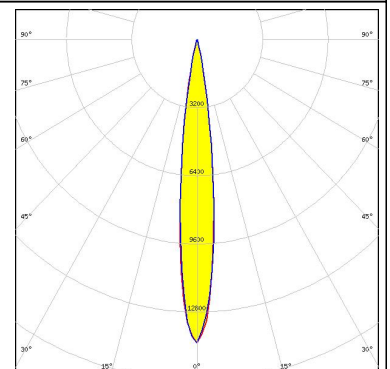
LED CLQ6A-TKW  
FWHM 12.3°  
Efficiency 94 %  
Peak intensity 16.6 cd/lm  
LEDs/each optic 1  
Light colour RGBW  
Required components:



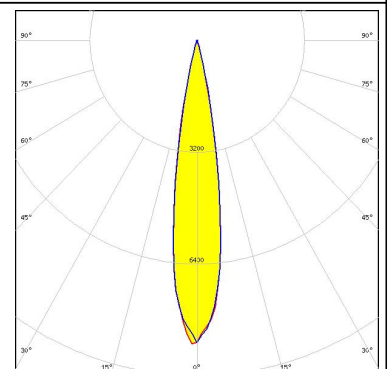
LED XHP50  
FWHM 14.0°  
Efficiency 92 %  
Peak intensity 13.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP50.2  
FWHM 13.0°  
Efficiency 91 %  
Peak intensity 14.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



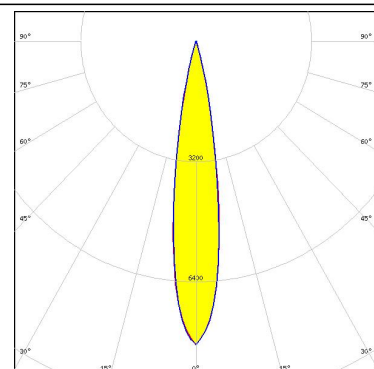
LED XHP70  
FWHM 18.0°  
Efficiency 90 %  
Peak intensity 8.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



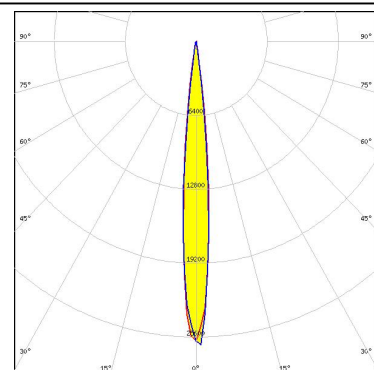
#### PHOTOMETRIC DATA (SIMULATED):



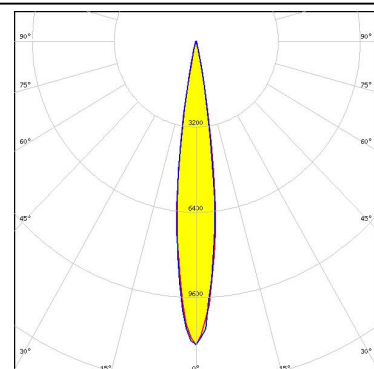
LED XHP70.2  
FWHM 17.0°  
Efficiency 89 %  
Peak intensity 8.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



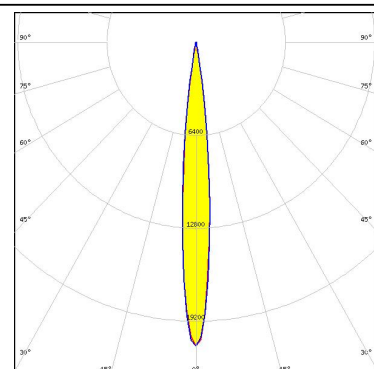
LED LZ4-04MDPB  
FWHM 10.0°  
Efficiency 92 %  
Peak intensity 28.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON C  
FWHM 15.0°  
Efficiency 85 %  
Peak intensity 13.6 cd/lm  
LEDs/each optic 4  
Light colour RGBW  
Required components:



LED OSTAR Stage (S2WP)  
FWHM 11.0°  
Efficiency 92 %  
Peak intensity 22.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

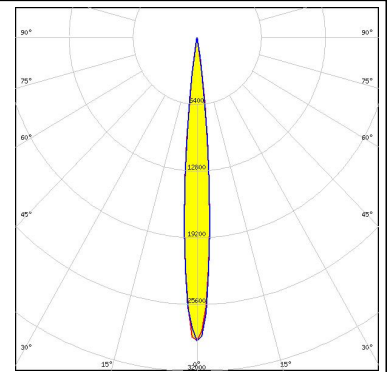




## PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	Ostar-SMT RGB
FWHM	10.0°
Efficiency	92 %
Peak intensity	31.6 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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