


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 

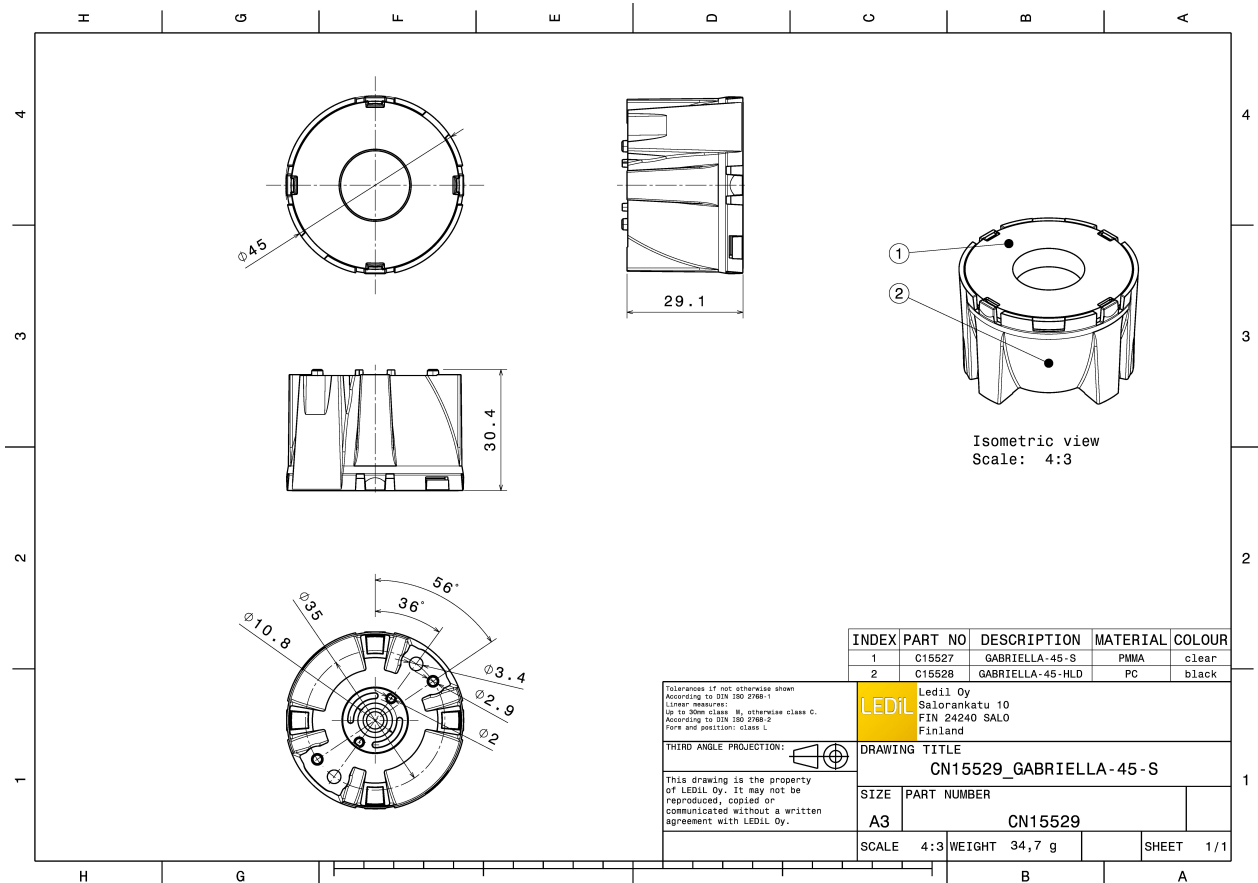
MATERIAL SPECIFICATIONS:

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:					

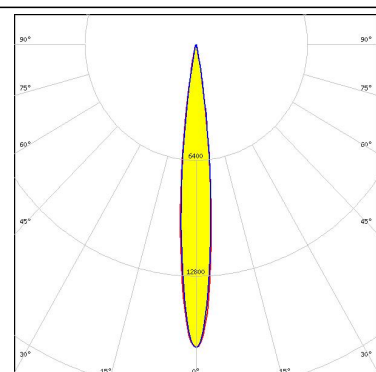
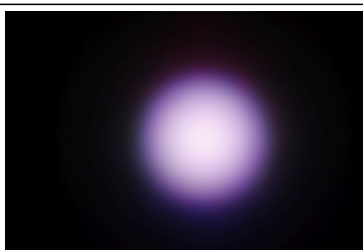




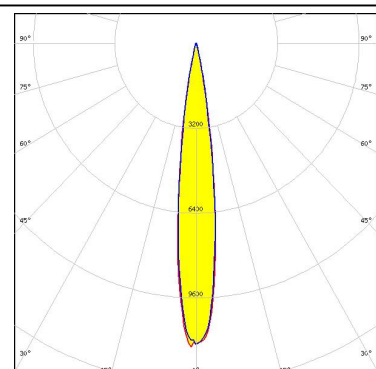
PHOTOMETRIC DATA (MEASURED):



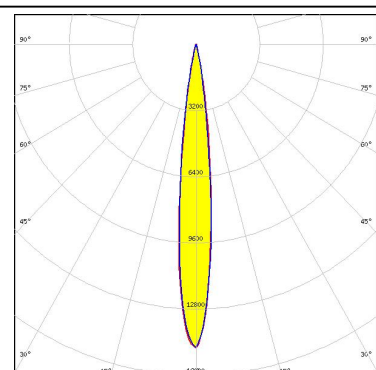
LED XM-L RGB
FWHM 12.0°
Efficiency 87 %
Peak intensity 17 cd/Im
LEDs/each optic 1
Light colour White
Required components:



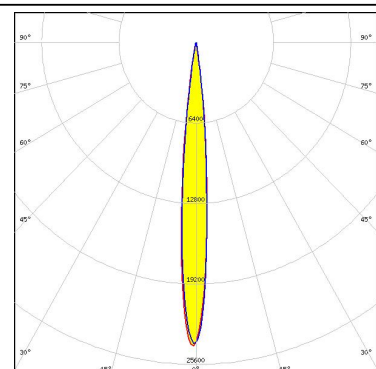
LED LUXEON CZ
FWHM 14.0°
Efficiency 88 %
Peak intensity 11.4 cd/Im
LEDs/each optic 4
Light colour RGBW
Required components:



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:



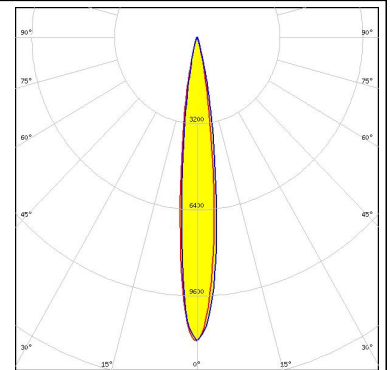
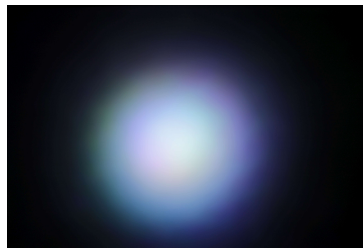
LED SBM-40-RGBW
FWHM 10.0°
Efficiency 90 %
Peak intensity 24 cd/Im
LEDs/each optic 1
Light colour White
Required components:



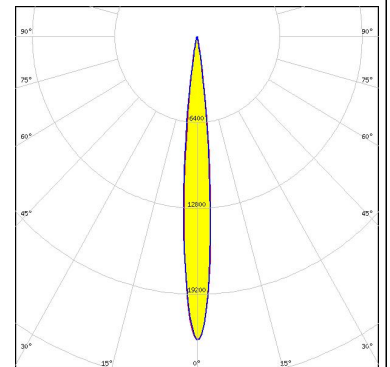
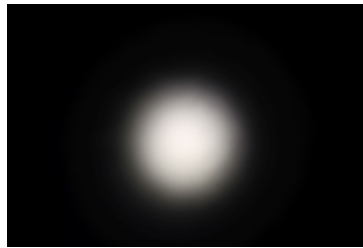
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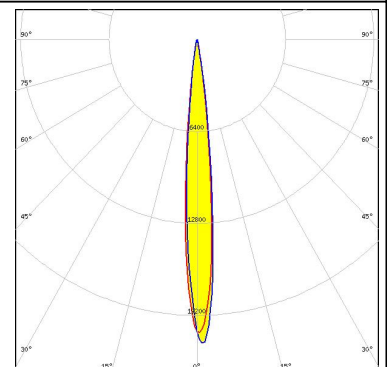
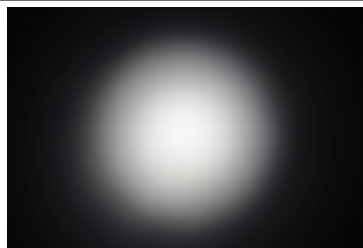
LED NCSxE17A
FWHM 13.0°
Efficiency 91 %
Peak intensity 11 cd/Im
LEDs/each optic 4
Light colour RGBW
Required components:



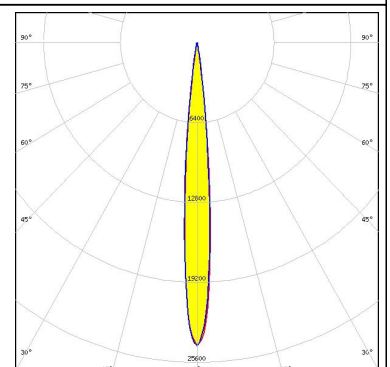
LED NVSW219F
FWHM 10.0°
Efficiency 91 %
Peak intensity 22.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:




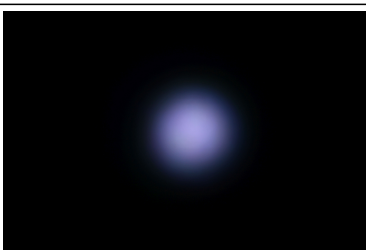
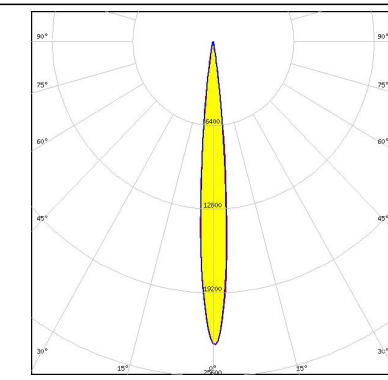

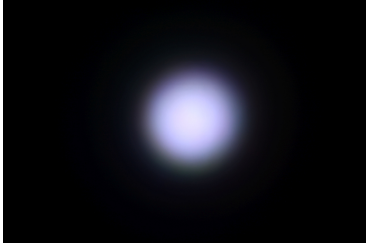
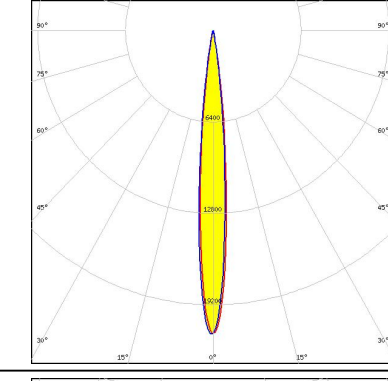


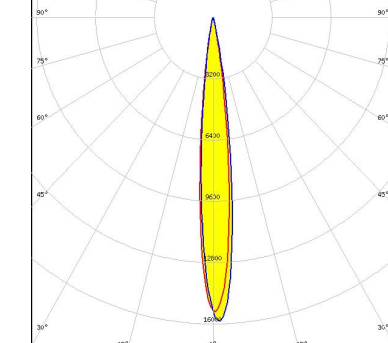
LED OSLON Square EC
FWHM 10.0°
Efficiency 88 %
Peak intensity 21.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



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



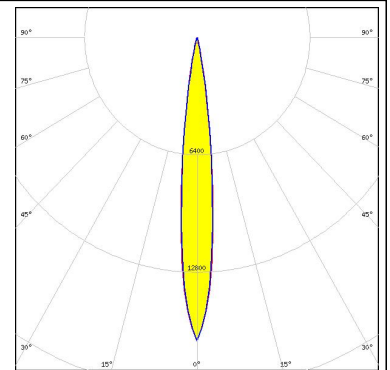
PHOTOMETRIC DATA (MEASURED):

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

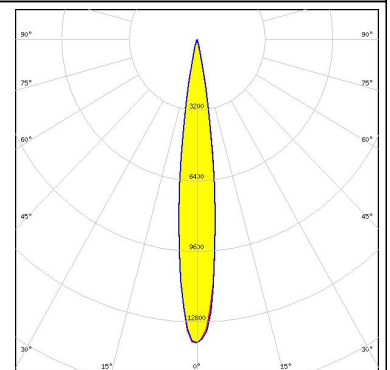
PHOTOMETRIC DATA (SIMULATED):



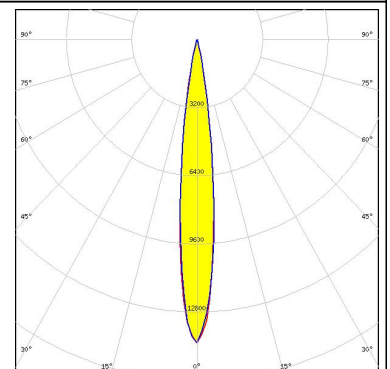
LED CLQ6A-TKW
 FWHM 12.3°
 Efficiency 94 %
 Peak intensity 16.6 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



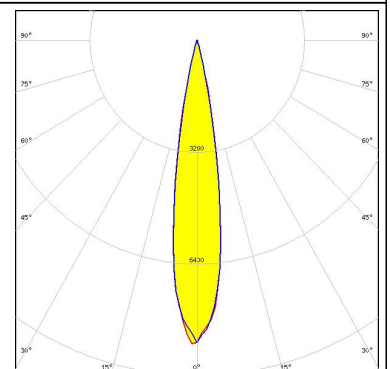
LED XHP50
 FWHM 14.0°
 Efficiency 92 %
 Peak intensity 13.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



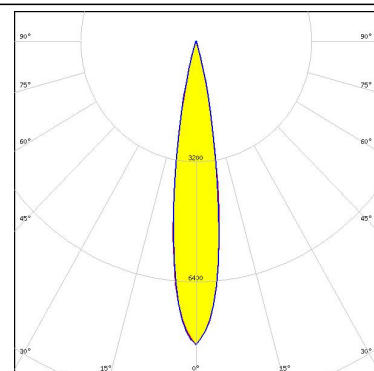
LED XHP70
 FWHM 18.0°
 Efficiency 90 %
 Peak intensity 8.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



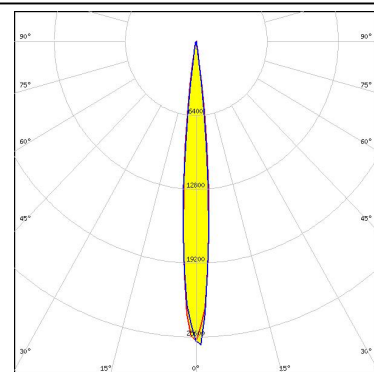
PHOTOMETRIC DATA (SIMULATED):



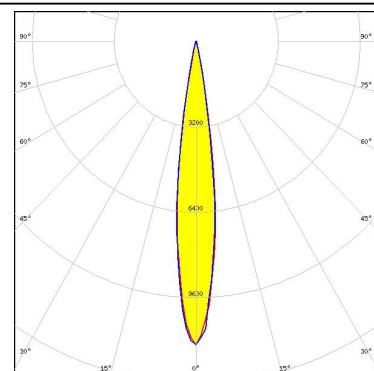
LED XHP70.2
FWHM 17.0°
Efficiency 89 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



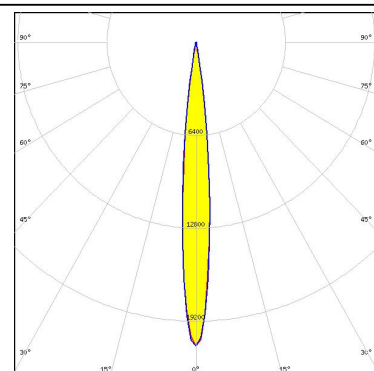
LED LZ4-04MDPB
FWHM 10.0°
Efficiency 92 %
Peak intensity 28.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



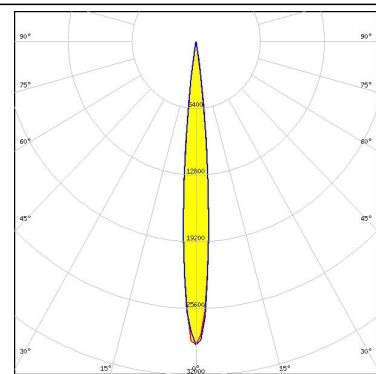
LED OSTAR Stage (S2WP)
FWHM 11.0°
Efficiency 92 %
Peak intensity 22.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

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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