

GABRIELLA-45-S

~9° spot beam with holder and installation tape

SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	29.1 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
C15927_GABRIELLA-45-S	Single lens	PMMA	clear	
CA15928_GABRIELLA-45-HLD-T	Assembly	PC	black	

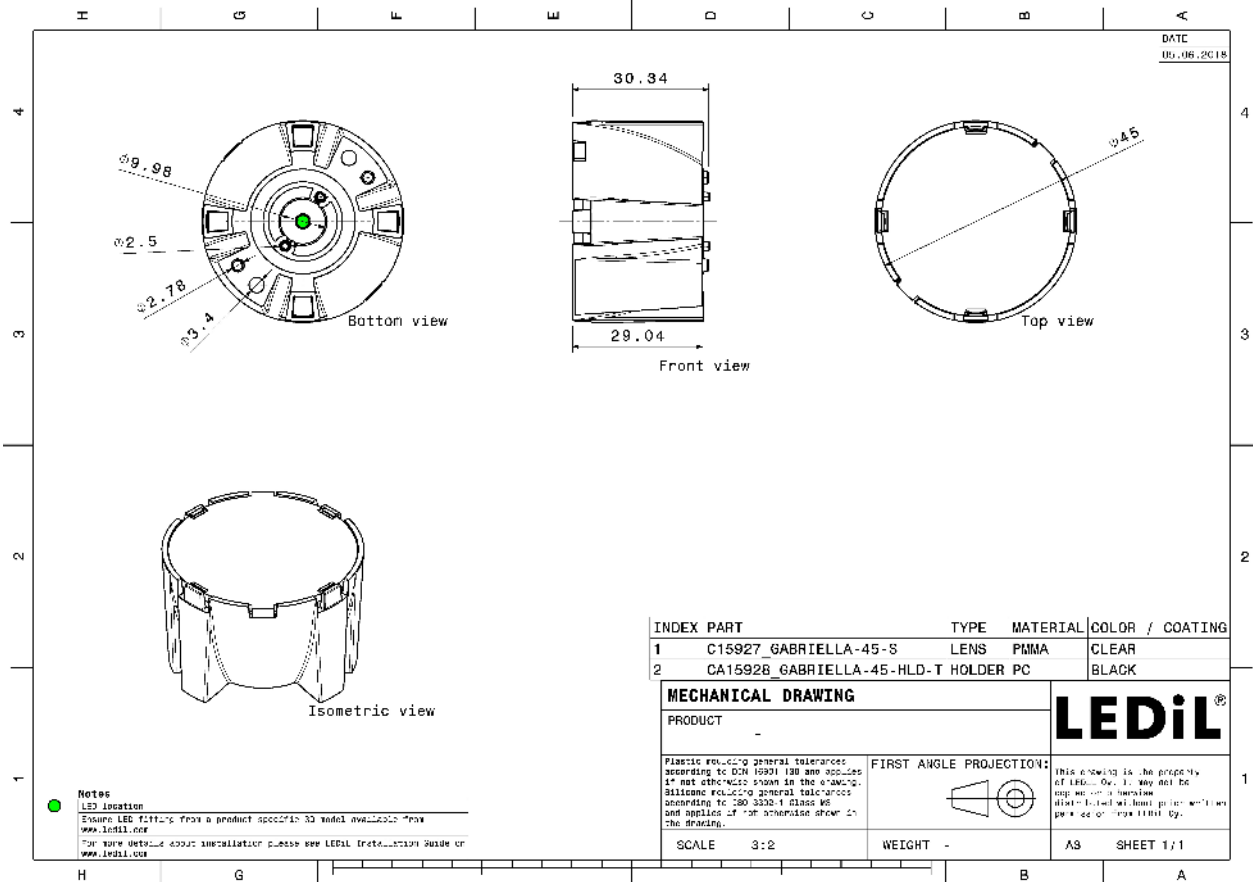
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Assembly	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15927_GABRIELLA-45-S	Single lens	405	90	45	11.5
» Box size: 476 x 273 x 292 mm					
CA15928_GABRIELLA-45-HLD-T	Assembly	405	90	45	5.7
» Box size: 476 x 273 x 292 mm					

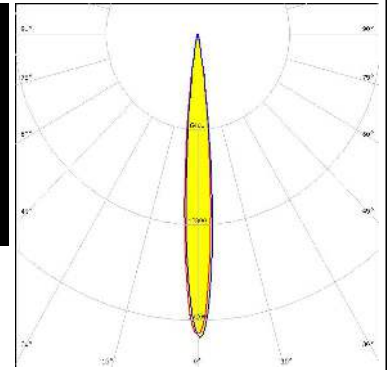


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

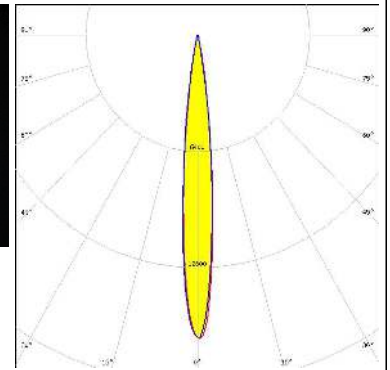
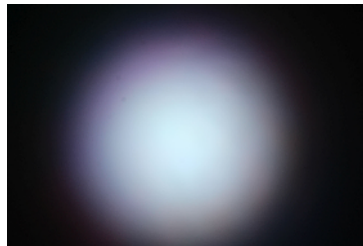
CREE LED

LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 89 %
 Peak intensity 20.4 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



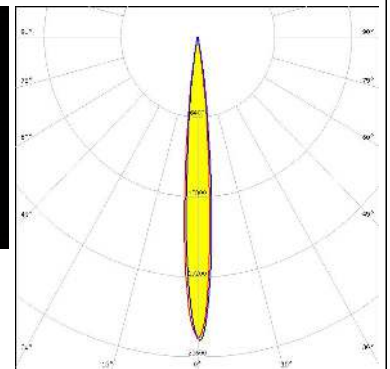
CREE LED

LED XQ-E HD
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 88 %
 Peak intensity 16.8 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



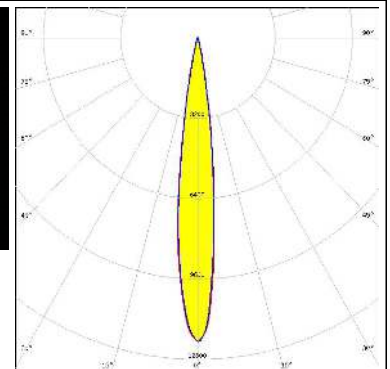
LED ENGIN

LED LZ4-04MDPB
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 91 %
 Peak intensity 24.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


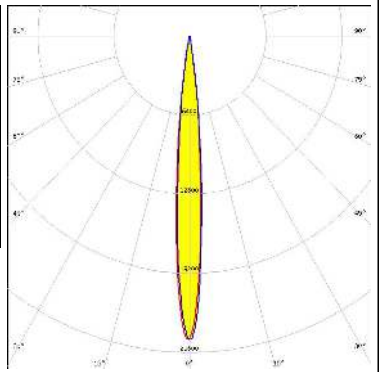
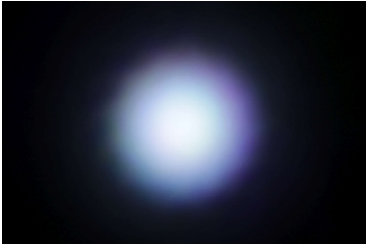
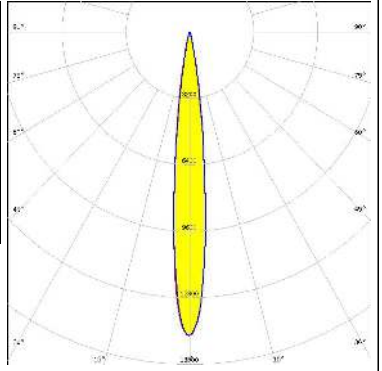
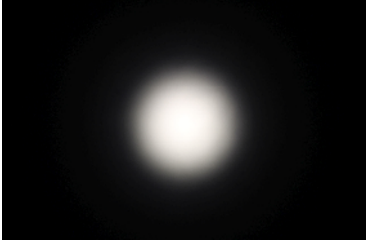
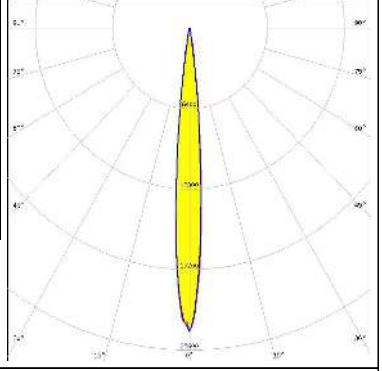

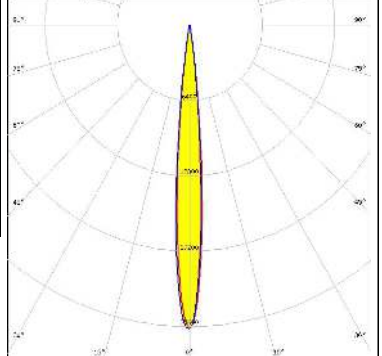


LUMILEDS


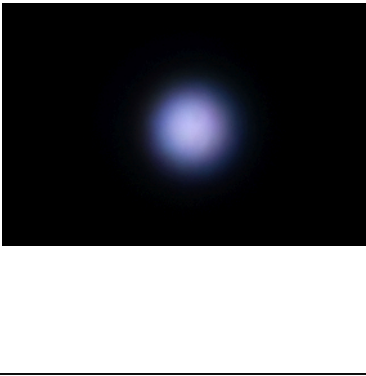
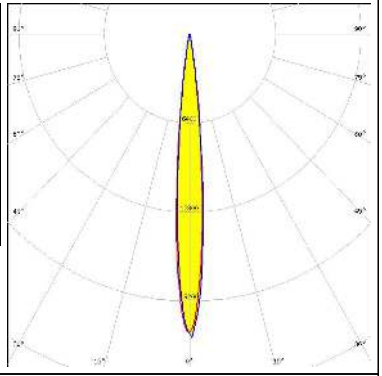


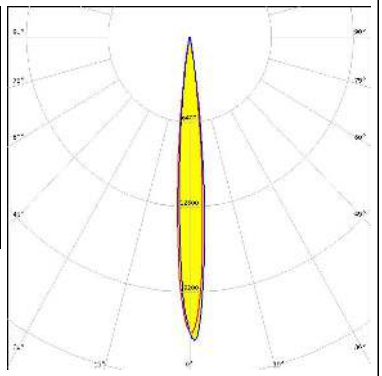


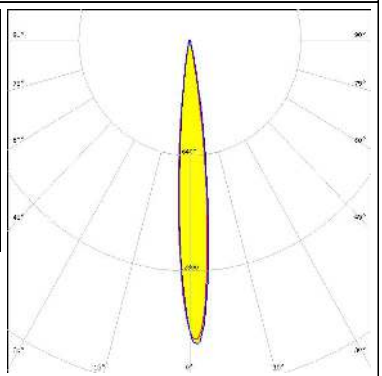
LED LUXEON CZ
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 89 %
 Peak intensity 12 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:




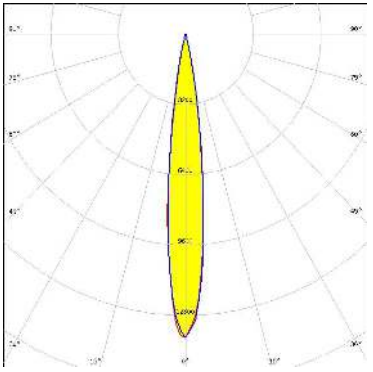

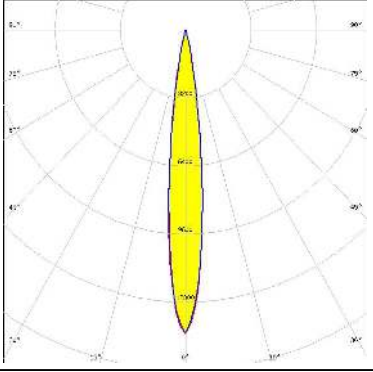

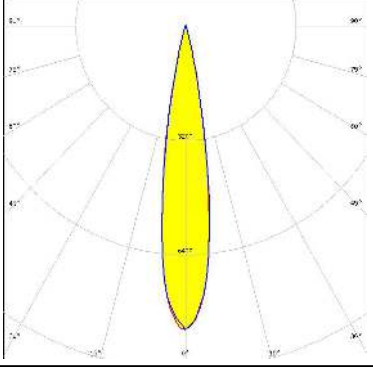

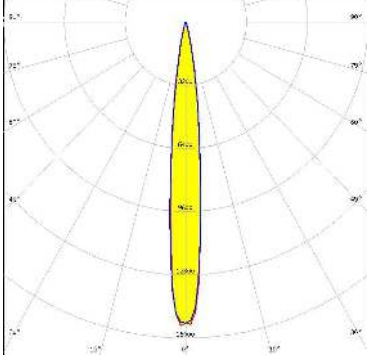
OPTICAL RESULTS (MEASURED):

<p>LUMINUS</p> <p>LED SBM-40-RGBW FWHM / FWTM 10.0° / 18.0° Efficiency 89 % Peak intensity 25 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 12.0° / 23.0° Efficiency 90 % Peak intensity 15 cd/lm LEDs/each optic 4 Light colour RGBW Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 10.0° / 17.0° Efficiency 89 % Peak intensity 24.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSTAR Stage (S2WN) FWHM / FWTM 10.0° / 17.0° Efficiency 90 % Peak intensity 25.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

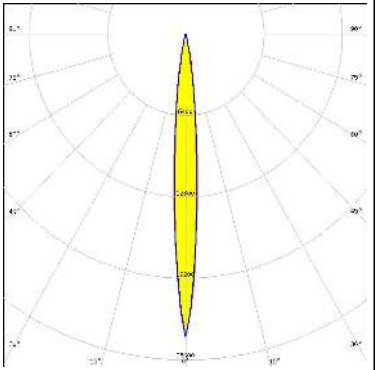
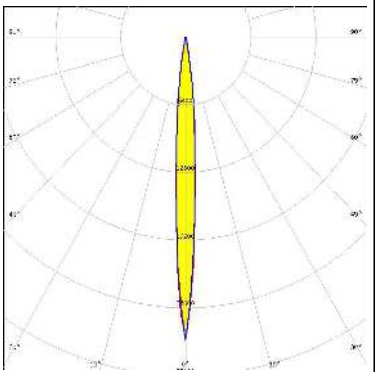
OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A</p> <p>FWHM / FWTM 10.0° / 19.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 21.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 22.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 11.0° / 20.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 17.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):

	<p>LED XHP50 FWHM / FWTM 14.0° / 24.0° Efficiency 89 % Peak intensity 13.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP50.2 FWHM / FWTM 13.0° / 24.0° Efficiency 91 % Peak intensity 14.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP70 FWHM / FWTM 18.0° / 29.0° Efficiency 87 % Peak intensity 8.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L RGBW (XMLCTW) FWHM / FWTM 12.0° / 24.0° Efficiency 93 % Peak intensity 15.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

CREE LED		
LED	XP-L HD	
FWHM / FWTM	8.0° / 21.0°	
Efficiency	92 %	
Peak intensity	23.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
OSRAM Opto Semiconductors		
LED	OSTAR Stage (S2WP)	
FWHM / FWTM	8.0° / 19.0°	
Efficiency	93 %	
Peak intensity	28.7 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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