

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 ⓘ

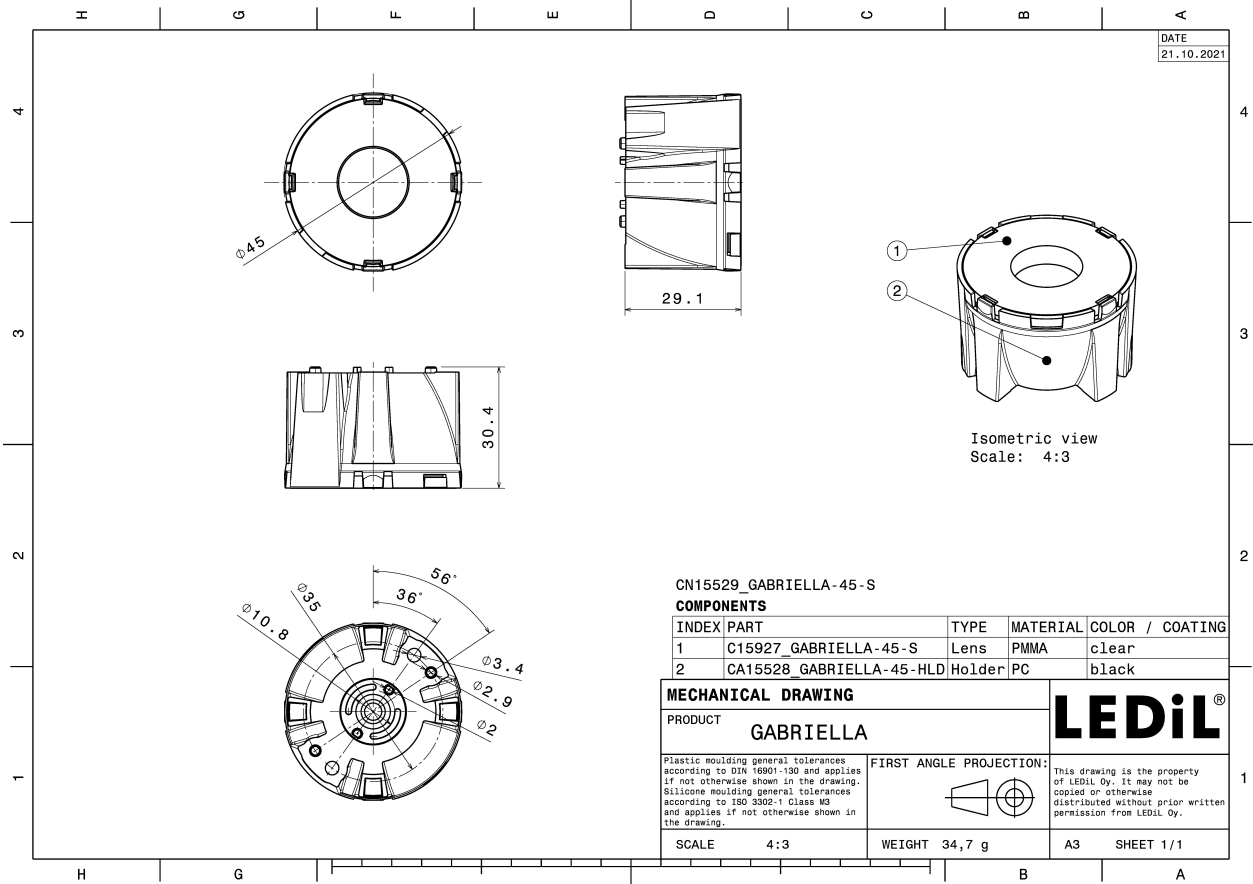
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:


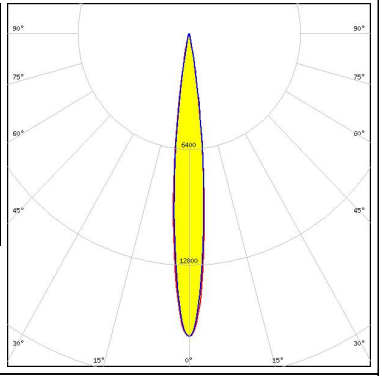

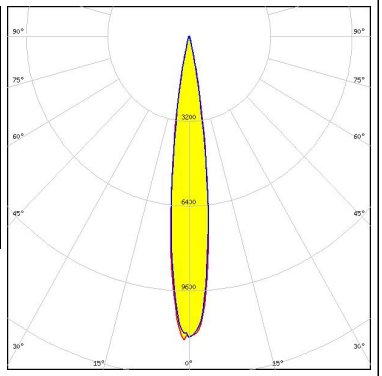
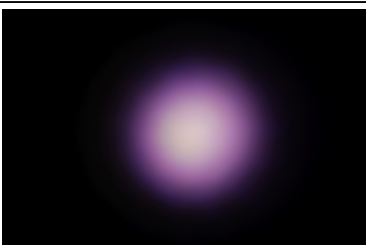
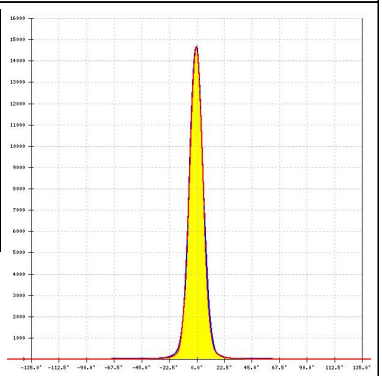

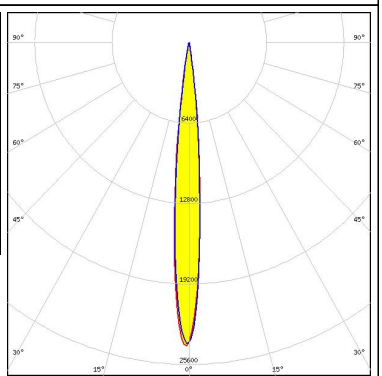
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN15529_GABRIELLA-45-S	Single lens	405		45	0.0
» Box size:					



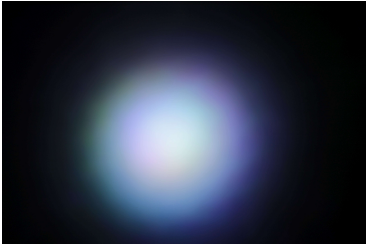
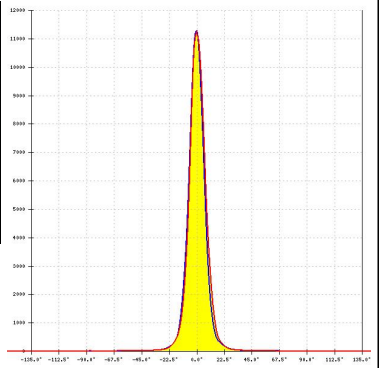
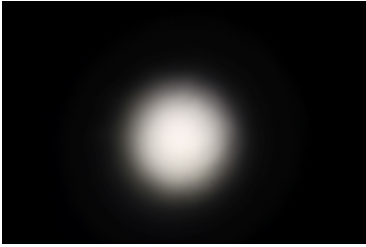
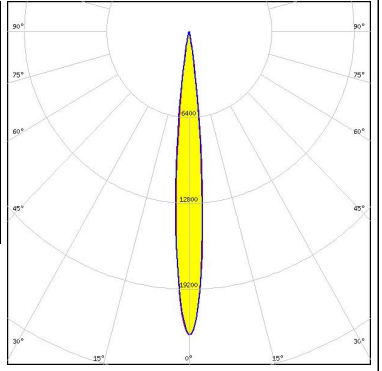

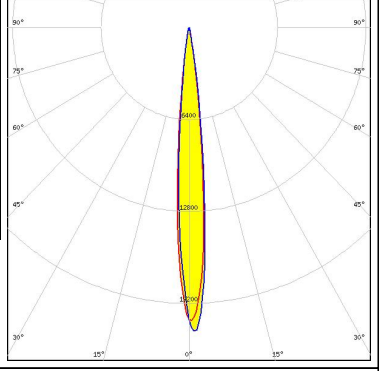

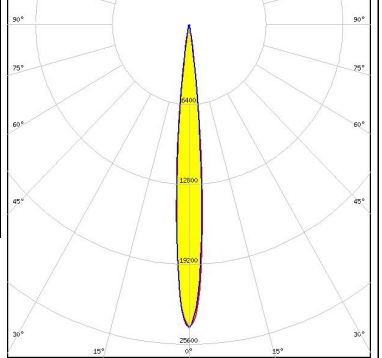


See also our general installation guide: www.ledil.com/installation_guide


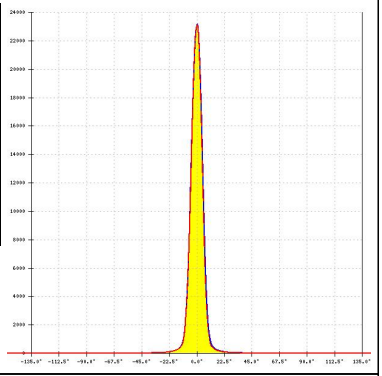

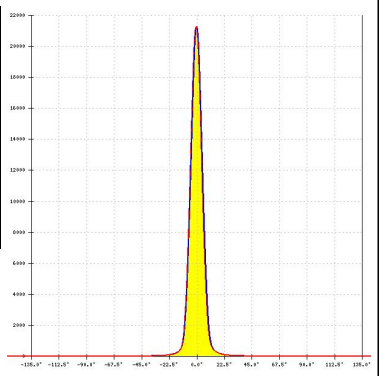

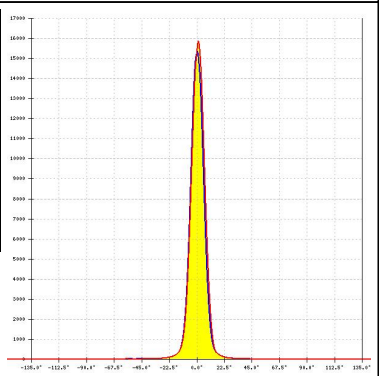
PHOTOMETRIC DATA (MEASURED):

<p>CREE LED</p> <p>LED XM-L RGB FWHM / FWTM 12.0° / 21.0° Efficiency 87 % Peak intensity 17 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON CZ FWHM / FWTM 14.0° / 25.0° Efficiency 88 % Peak intensity 11.4 cd/lm LEDs/each optic 4 Light colour RGBW Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON MultiColor Module 2.5W FWHM / FWTM 12.0° / 23.0° Efficiency 91 % Peak intensity 14.8 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>		
<p>LUMINUS</p> <p>LED SBM-40-RGBW FWHM / FWTM 10.0° / 18.0° Efficiency 90 % Peak intensity 24 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

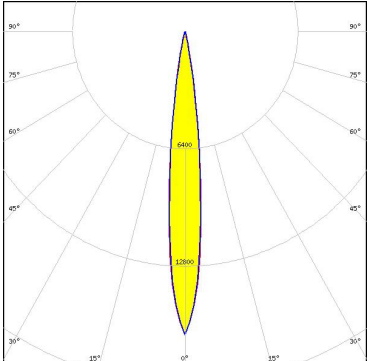
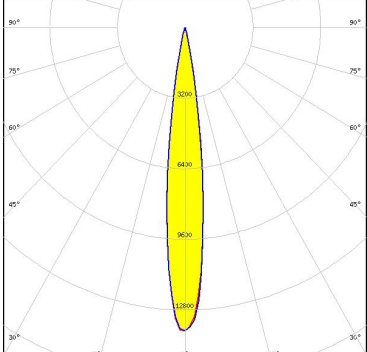
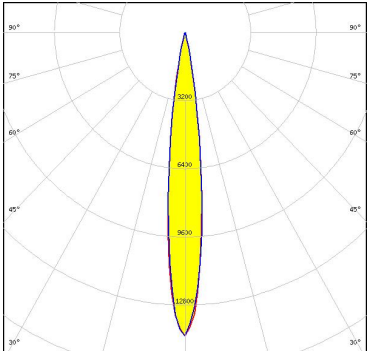
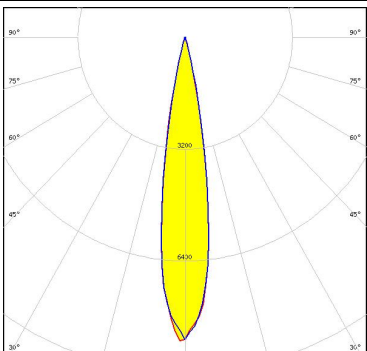
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 13.0° / 27.0° Efficiency 91 % Peak intensity 11 cd/lm LEDs/each optic 4 Light colour RGBW Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 10.0° / 18.0° Efficiency 91 % Peak intensity 22.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square EC FWHM / FWTM 10.0° / 19.0° Efficiency 88 % Peak intensity 21.3 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 87 % Peak intensity 24 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 23.4 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° / 19.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 21.3 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 12.0° / 22.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 15.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

<p>CREE → LED</p> <p>LED: CLQ6A-TKW FWHM / FWTM: 12.3° / 23.3° Efficiency: 94 % Peak intensity: 16.6 cd/lm LEDs/each optic: 1 Light colour: RGBW Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP50 FWHM / FWTM: 14.0° / 24.0° Efficiency: 92 % Peak intensity: 13.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP50.2 FWHM / FWTM: 13.0° / 25.0° Efficiency: 91 % Peak intensity: 14.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP70 FWHM / FWTM: 18.0° / 29.0° Efficiency: 90 % Peak intensity: 8.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: XHP70.2 FWHM / FWTM: 17.0° / 30.0° Efficiency: 89 % Peak intensity: 8.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XP-E2 FWHM / FWTM: 10.0° / 18.0° Efficiency: 93 % Peak intensity: 26.7 cd/lm LEDs/each optic: 1 Light colour: Amber Required components:</p>	
<p>LED ENGIN</p> <p>LED: LZ4-04MDPB FWHM / FWTM: 10.0° / 18.0° Efficiency: 92 % Peak intensity: 28.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON C FWHM / FWTM: 14.0° / 24.0° Efficiency: 85 % Peak intensity: 11.5 cd/lm LEDs/each optic: 4 Light colour: RGBW Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

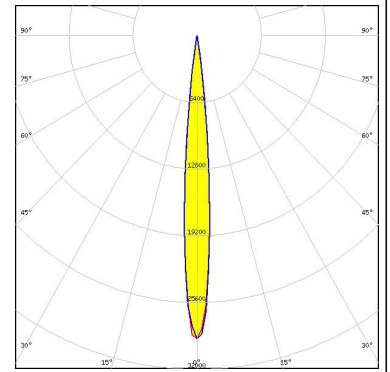
<p>LUMILEDS</p> <p>LED LUXEON Rubix</p> <p>FWHM / FWTM 12.0° / 22.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 18 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED DURIS E 5050 RGBW</p> <p>FWHM / FWTM 13.0 + 14.0° / 24.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 14.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 27.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSTAR Stage (S2WP)</p> <p>FWHM / FWTM 11.0° / 19.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 22.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

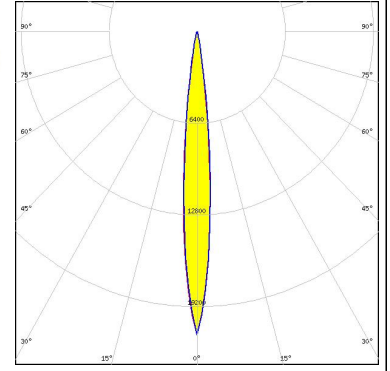
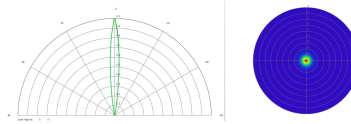
LED Ostar-SMT RGB
FWHM / FWTM 10.0° / 17.0°
Efficiency 92 %
Peak intensity 31.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED SFH 4717AS
FWHM / FWTM 10.0° / 20.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
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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