

GABRIELLA-45-W

~35° wide beam with holder

SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	28.8 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
C15813_GABRIELLA-45-W	Single lens	PMMA	clear	
C15528_GABRIELLA-45-HLD	Holder	PC	black	

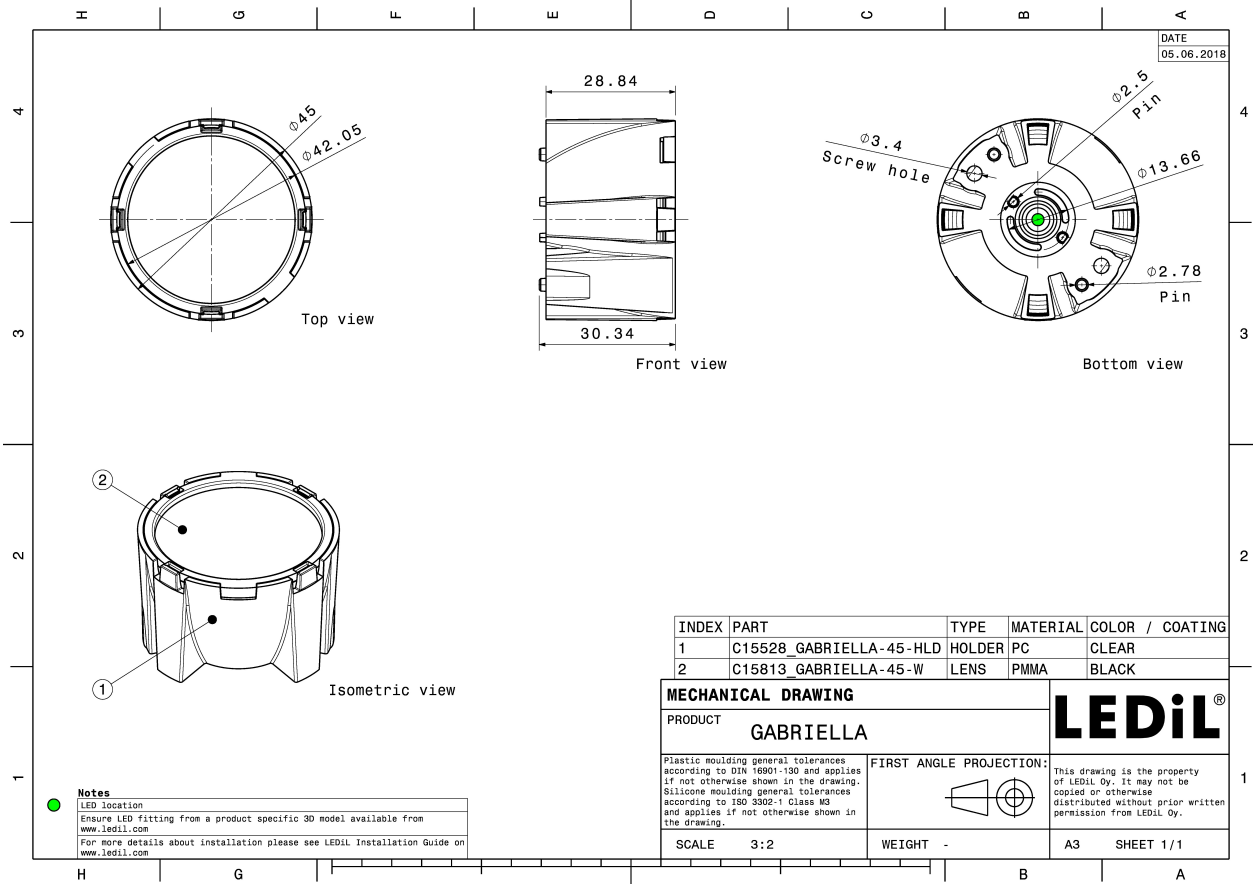
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15813_GABRIELLA-45-W	Single lens	405	90	45	8.6
» Box size: 476 x 273 x 292 mm					
C15528_GABRIELLA-45-HLD	Holder	405	90	45	5.1
» Box size: 476 x 273 x 292 mm					

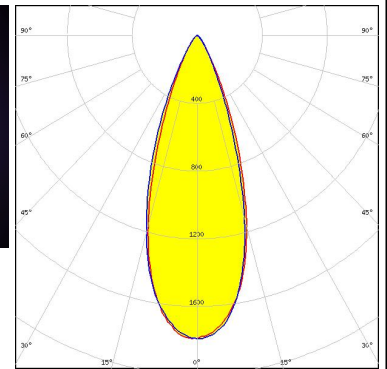
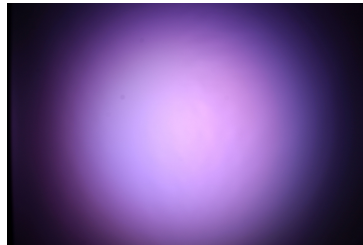


See also our general installation guide: www.ledil.com/installation_guide

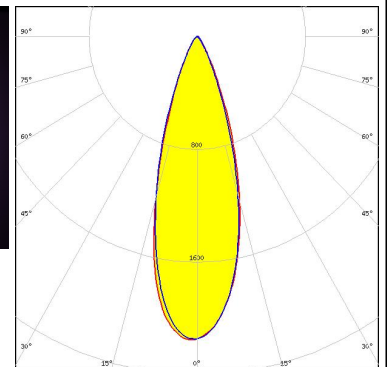
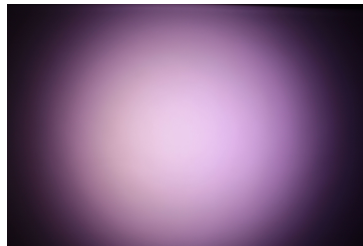
OPTICAL RESULTS (MEASURED):



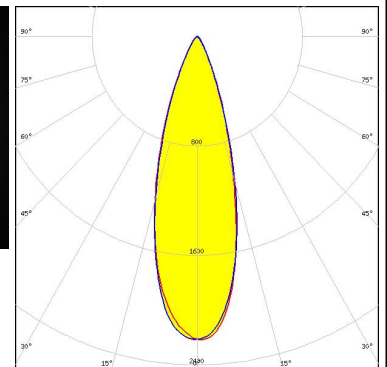
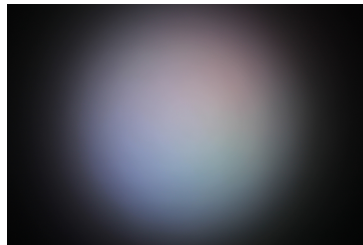
LED XM-L RGBW (XMLCTW)
 FWHM / FWTM 37.0° / 62.0°
 Efficiency 79 %
 Peak intensity 1.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



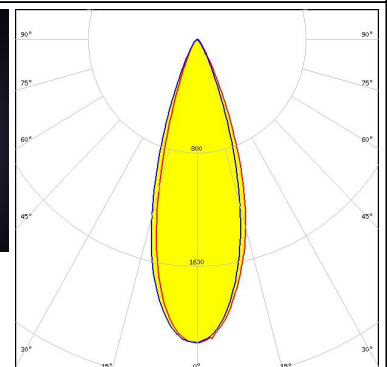
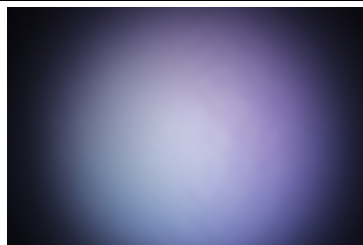
LED LUXEON 5052 RGBW
 FWHM / FWTM 32.0° / 57.0°
 Efficiency 79 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 1
 Light colour RGBW
 Required components:



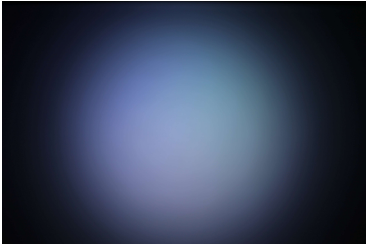
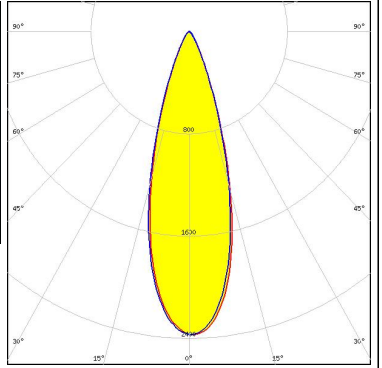

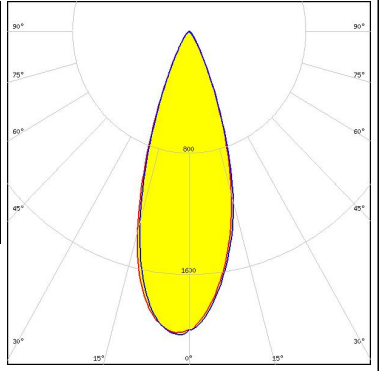
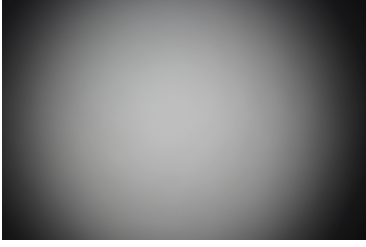
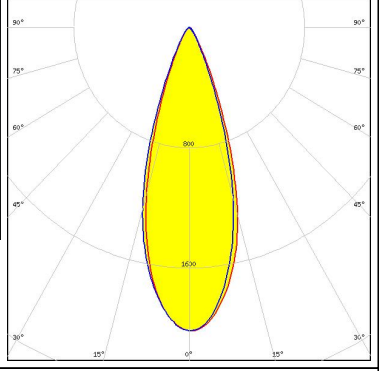
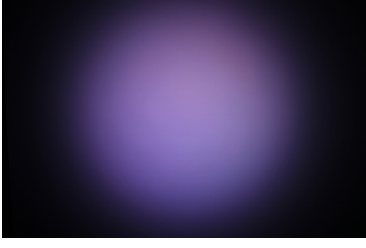
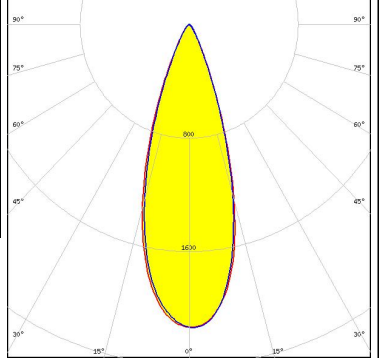
LED LUXEON CZ
 FWHM / FWTM 31.0° / 56.0°
 Efficiency 78 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 4
 Light colour RGBW
 Required components:





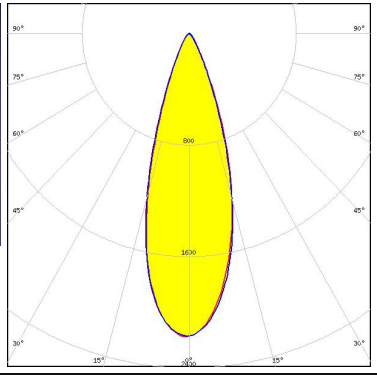

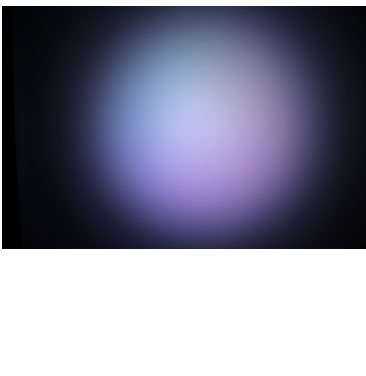
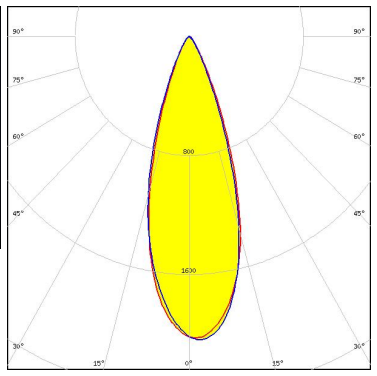


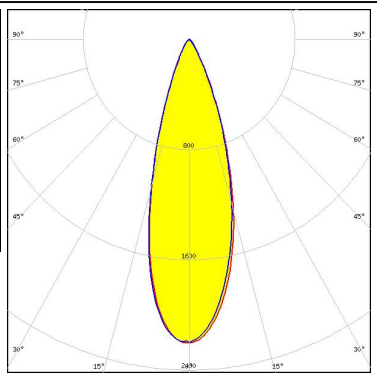
LED SBM-40-RGBW
 FWHM / FWTM 33.0° / 56.0°
 Efficiency 80 %
 Peak intensity 2.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 31.0° / 54.0° Efficiency 81 % Peak intensity 2.4 cd/lm LEDs/each optic 4 Light colour RGBW Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 35.0° / 59.0° Efficiency 80 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square EC FWHM / FWTM 34.0° / 57.0° Efficiency 78 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Ostar-SMT RGB FWHM / FWTM 34.0° / 56.0° Efficiency 81 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

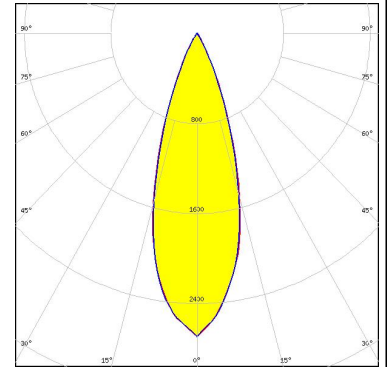
OPTICAL RESULTS (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED SPF05F0A</p> <p>FWHM / FWTM 33.0° / 56.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 34.0° / 58.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 2.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 32.0° / 56.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 2.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		

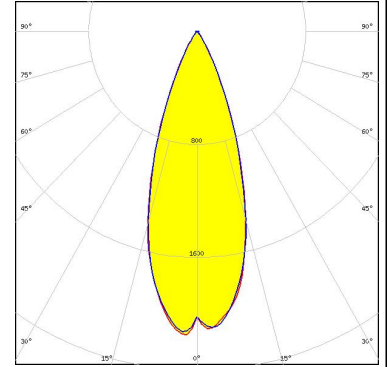
OPTICAL RESULTS (SIMULATED):



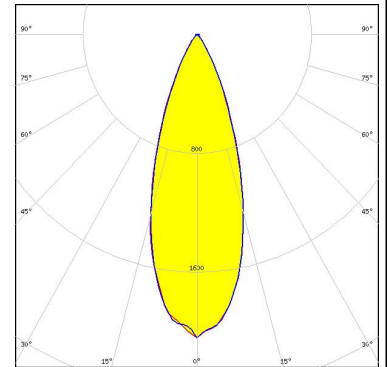
LED J Series 5050 Round LES
 FWHM / FWTM 33.0° / 54.0°
 Efficiency 90 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



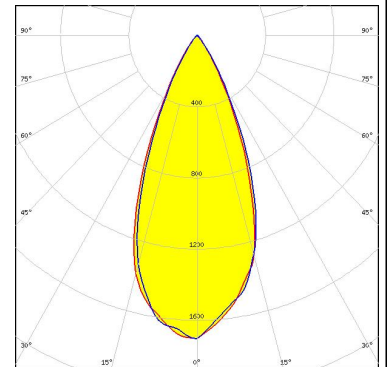
LED XHP50.2
 FWHM / FWTM 36.0° / 60.0°
 Efficiency 87 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP70.2
 FWHM / FWTM 35.0° / 62.0°
 Efficiency 85 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



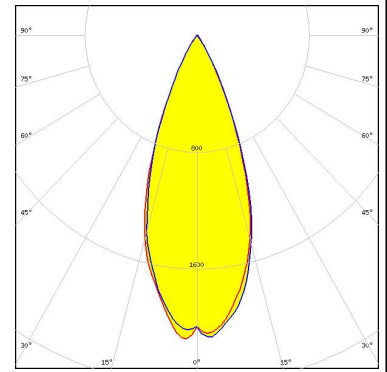
LED XM-L RGBW (XMLDCL HD)
 FWHM / FWTM 43.0° / 67.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



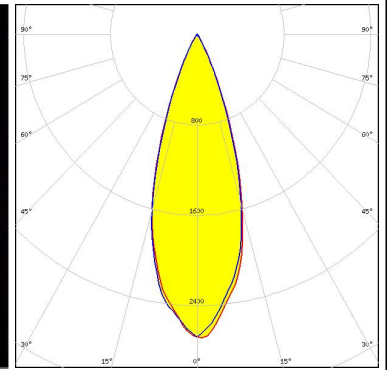
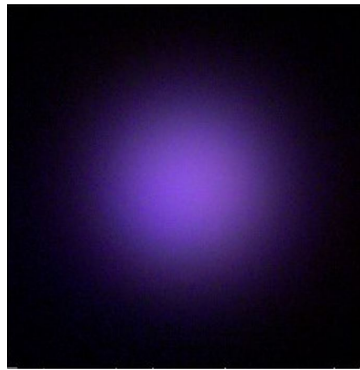
OPTICAL RESULTS (SIMULATED):



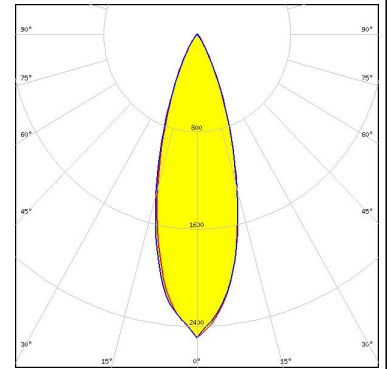
LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 40.0 + 39.0° / 62.0°
 Efficiency 91 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



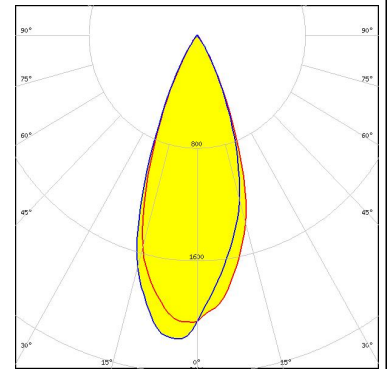
LED LZ7 Plus (LZ7-04M2PD)
 FWHM / FWTM 34.0° / 54.0°
 Efficiency 90 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 7070
 FWHM / FWTM 32.0° / 58.0°
 Efficiency 87 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



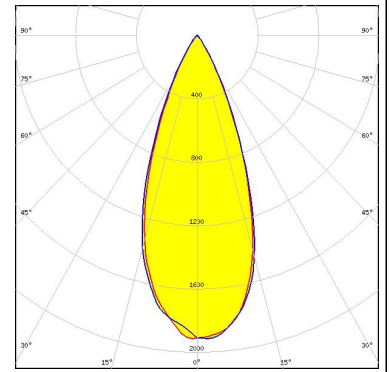
LED LUXEON Rubix
 FWHM / FWTM 39.0 + 38.0° / 62.0 + 61.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



OPTICAL RESULTS (SIMULATED):

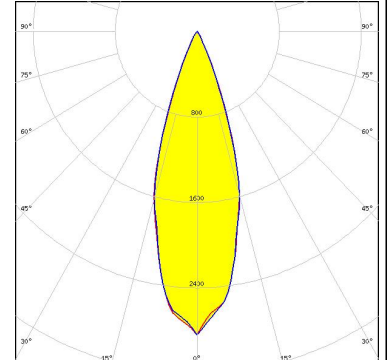
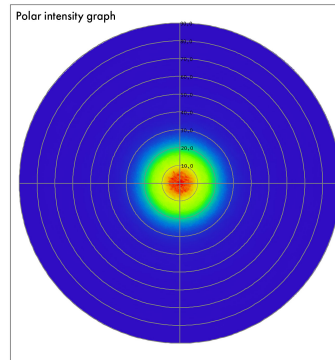
OSRAM Opto Semiconductors

LED DURIS E 5050 (GW J9LHS1.4M)
 FWHM / FWTM 40.0° / 64.0°
 Efficiency 90 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



OSRAM Opto Semiconductors

LED SFH 4717AS
 FWHM / FWTM 32.0° / 52.0°
 Efficiency 88 %
 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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