

GABRIELLA-45-M

~25° medium beam with holder

SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	screw
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
C15810_GABRIELLA-45-M	Single lens	PMMA	clear	
C15528_GABRIELLA-45-HLD	Holder	PC	black	

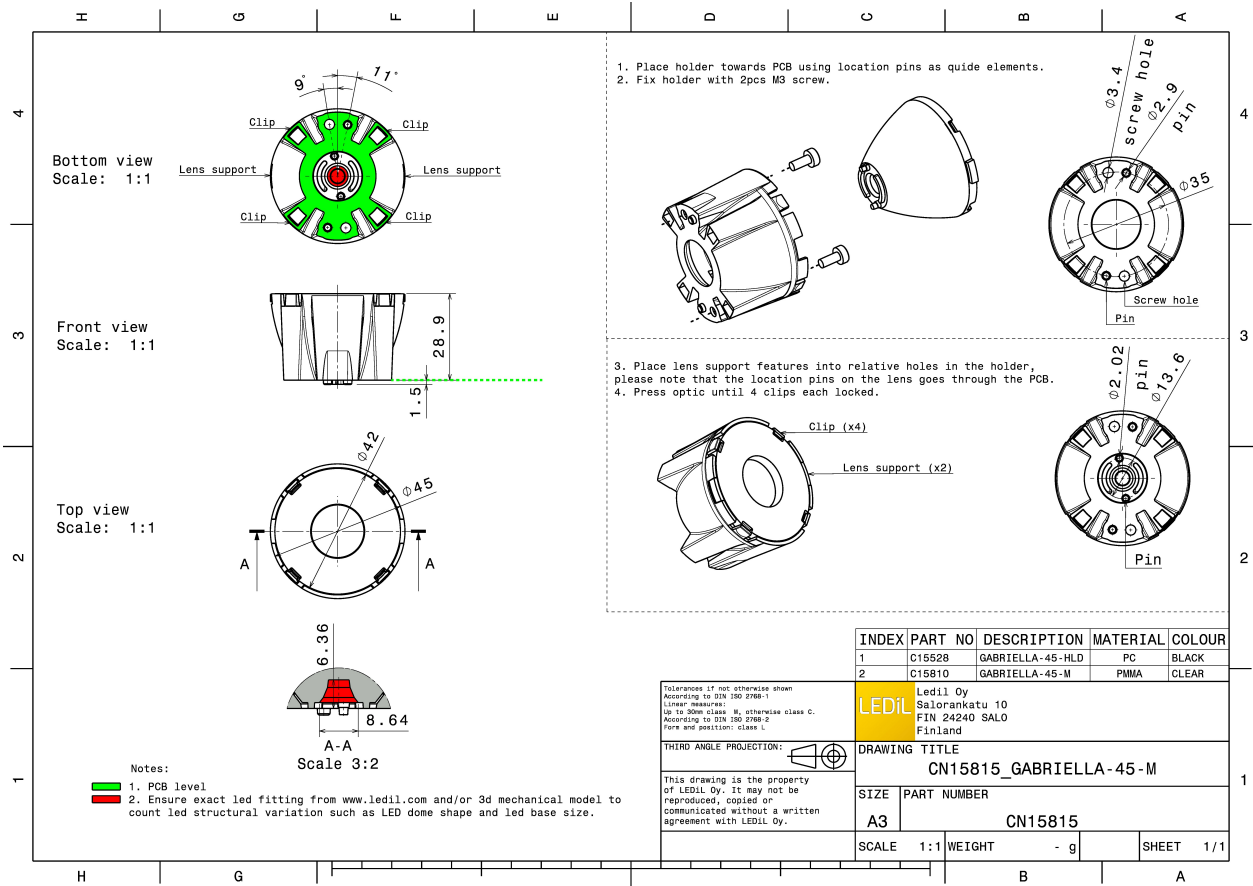
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15810_GABRIELLA-45-M	Single lens	405	90	45	11.3
» 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					

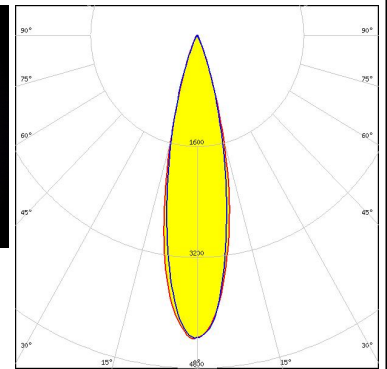
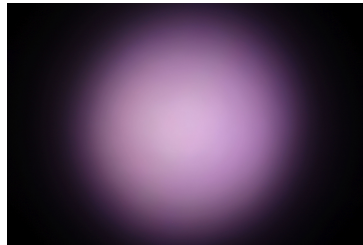


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

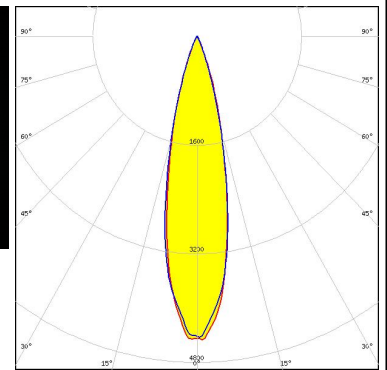
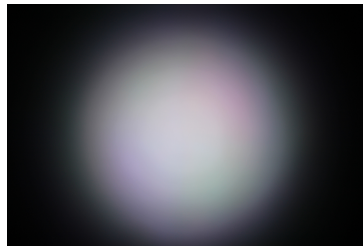
LUMILEDS

LED LUXEON 5052 RGBW
 FWHM / FWTM 24.0° / 43.0°
 Efficiency 89 %
 Peak intensity 4.4 cd/m
 LEDs/each optic 1
 Light colour RGBW
 Required components:



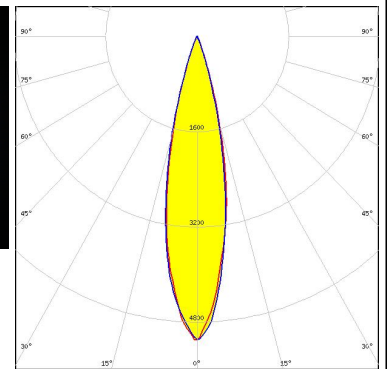
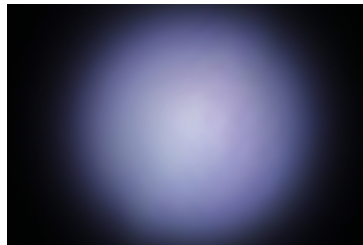
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 23.0° / 43.0°
 Efficiency 89 %
 Peak intensity 4.5 cd/m
 LEDs/each optic 4
 Light colour RGBW
 Required components:



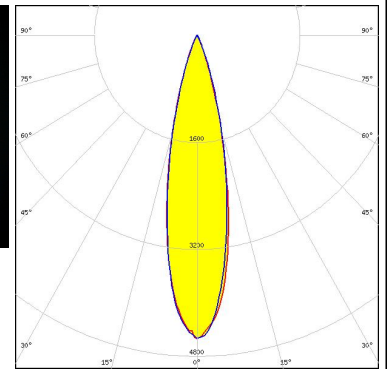
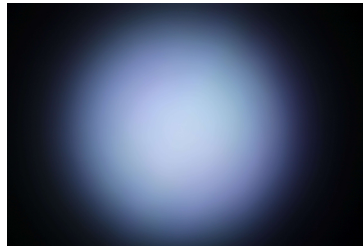
LUMINUS

LED SBM-40-RGBW
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 89 %
 Peak intensity 5.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

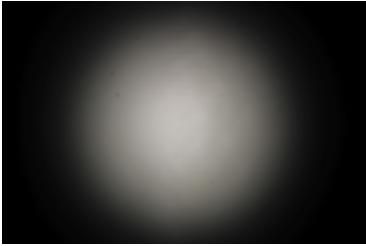
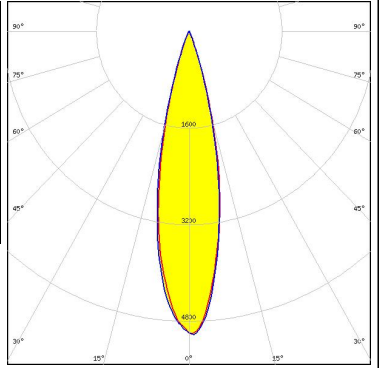
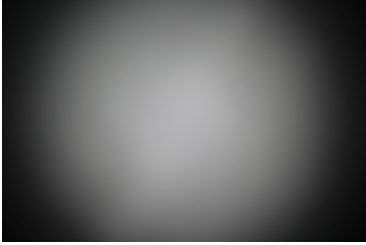
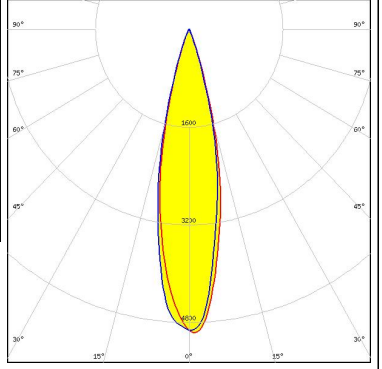
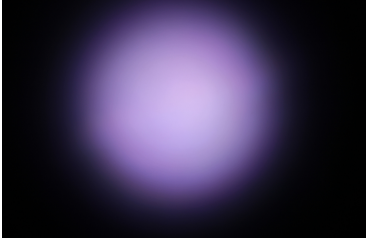
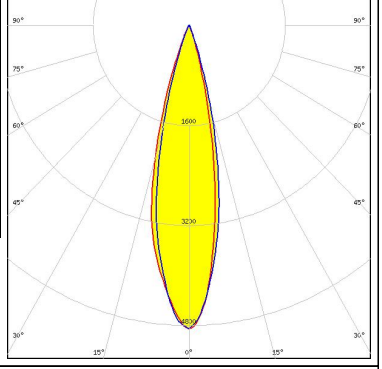

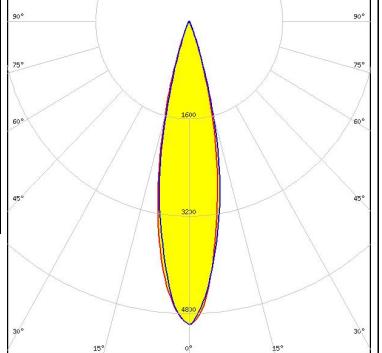


NICHIA


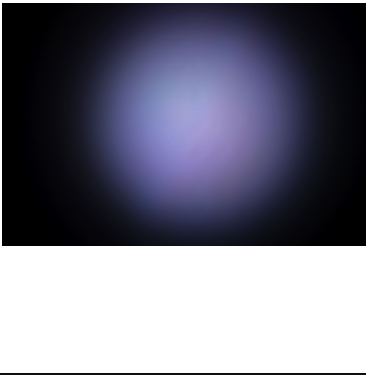
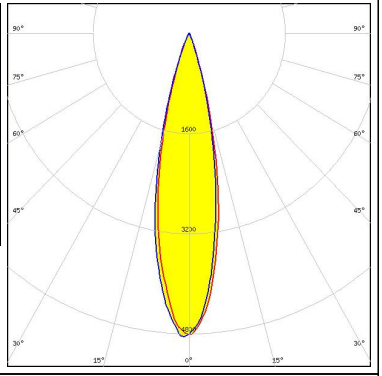


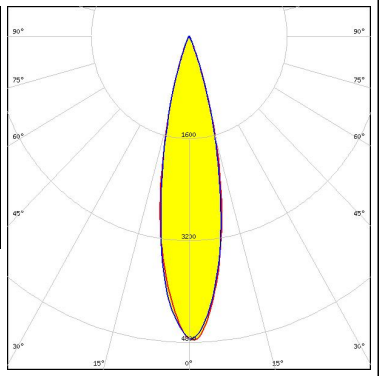
LED NCSxE17A
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 90 %
 Peak intensity 4.6 cd/m
 LEDs/each optic 4
 Light colour RGBW
 Required components:



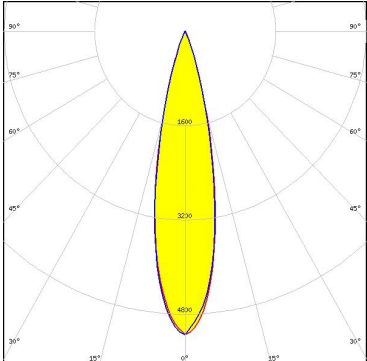
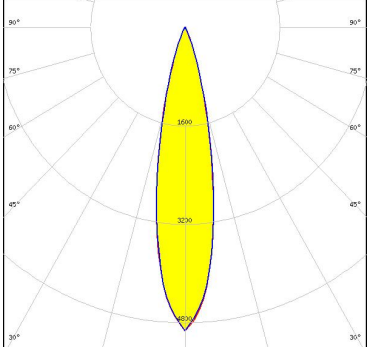
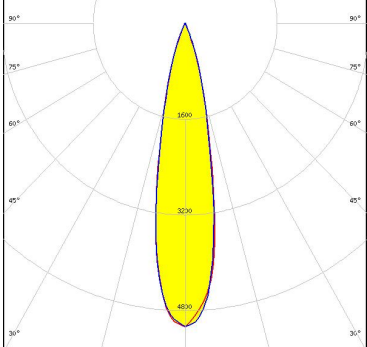
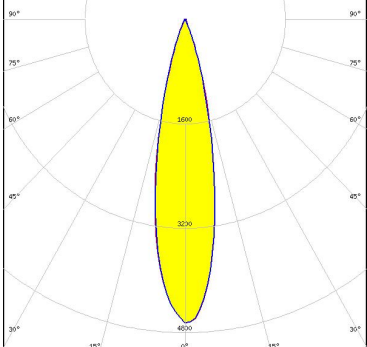
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 24.0° / 40.0° Efficiency 90 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC FWHM / FWTM 24.0° / 39.0° Efficiency 88 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Ostar-SMT RGB FWHM / FWTM 24.0° / 40.0° Efficiency 90 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A FWHM / FWTM 24.0° / 39.0° Efficiency 88 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>		


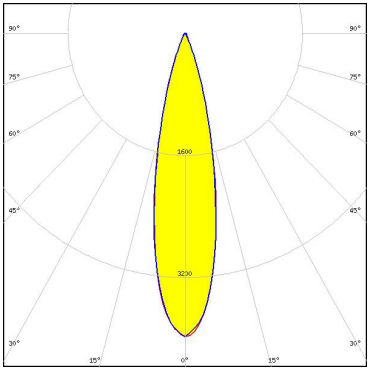

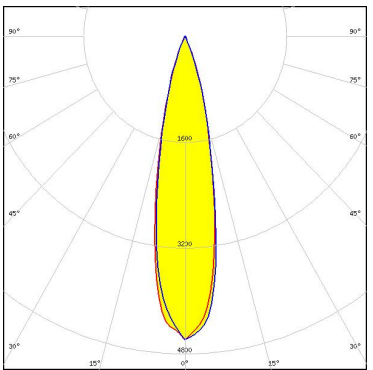

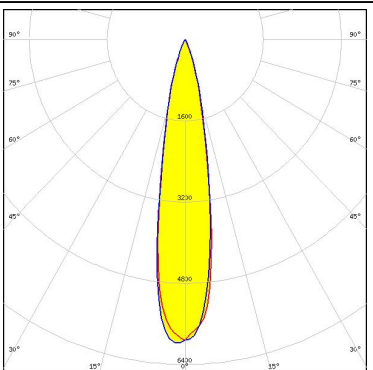

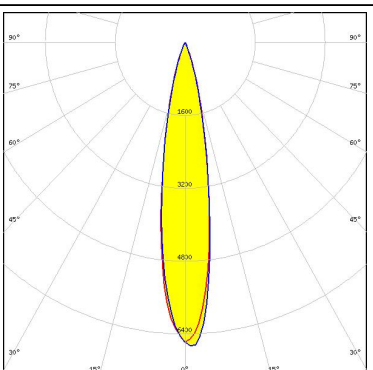
OPTICAL RESULTS (MEASURED):

<p> SEOL SEMICONDUCTOR</p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 24.0° / 40.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEOL SEMICONDUCTOR</p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 24.0° / 41.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 4.8 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED J Series 5050 Round LES FWHM / FWTM 23.0° / 40.0° Efficiency 92 % Peak intensity 5.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XHP35.2 HD FWHM / FWTM 22.0° / 40.0° Efficiency 88 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XHP50.2 FWHM / FWTM 22.0° / 40.0° Efficiency 89 % Peak intensity 5.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XHP50.3 HD FWHM / FWTM 22.0° / 42.0° Efficiency 88 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

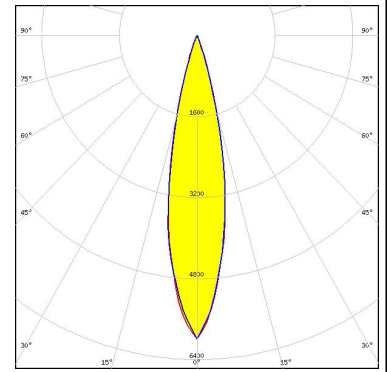
OPTICAL RESULTS (SIMULATED):

	<p>LED XHP70.2 FWHM / FWTM 24.0° / 44.0° Efficiency 87 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L RGBW (XMLCTW) FWHM / FWTM 23.0° / 42.0° Efficiency 85 % Peak intensity 4.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L RGBW (XMLDCL HD) FWHM / FWTM 20.0° / 39.0° Efficiency 92 % Peak intensity 6.3 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>	
	<p>LED XM-L RGBW (XMLDCL HI) FWHM / FWTM 19.0 + 18.0° / 38.0° Efficiency 92 % Peak intensity 6.7 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>	

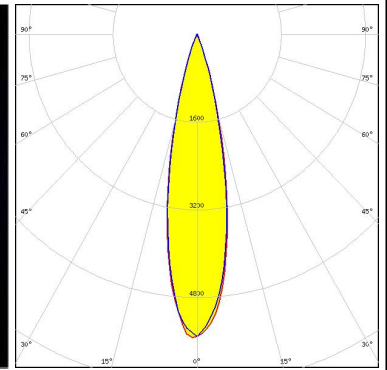
OPTICAL RESULTS (SIMULATED):



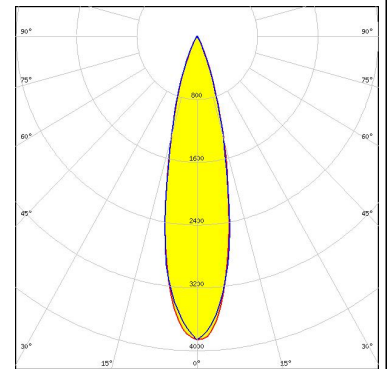
LED XP-E2
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 92 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour Amber
 Required components:



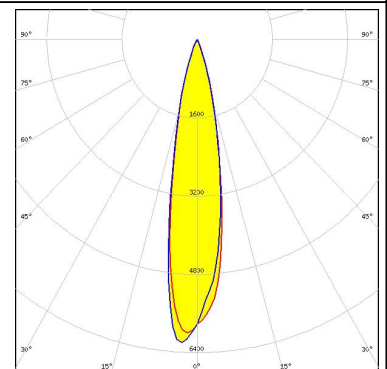
LED LZ7 Plus (LZ7-04M2PD)
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 93 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON C
 FWHM / FWTM 24.0°
 Efficiency 86 %
 Peak intensity 4 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



LED LUXEON Rubix
 FWHM / FWTM 20.0 + 19.0° / 38.0°
 Efficiency 93 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:

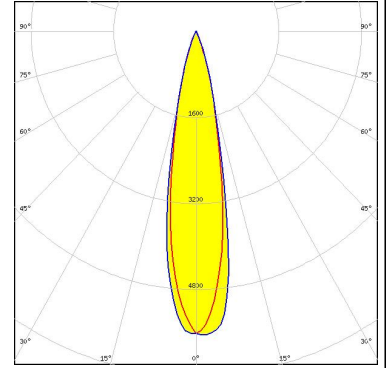


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

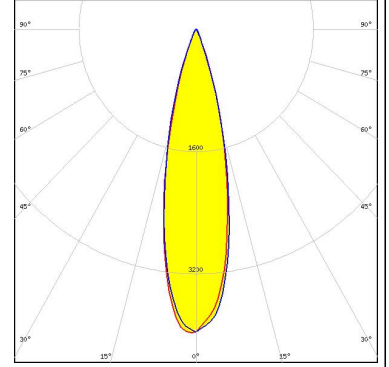
LED DURIS E 5050 (GW J9LHS1.4M)
 FWHM / FWTM 20.0 + 22.0° / 39.0 + 40.0°
 Efficiency 91 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



OSRAM

Opto Semiconductors

LED OSTAR Stage (S2WP)
 FWHM / FWTM 25.0°
 Efficiency 86 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED SFH 4717AS
 FWHM / FWTM 20.0° / 36.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour IR
 Required components:

