

GABRIELLA-45-W

~35° wide beam with holder and installation tape

SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	29.2 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length
C15813_GABRIELLA-45-W	Single lens	PMMA	clear		42.0
CA15928_GABRIELLA-45-HLD-T	Assembly	PC	black		45.0

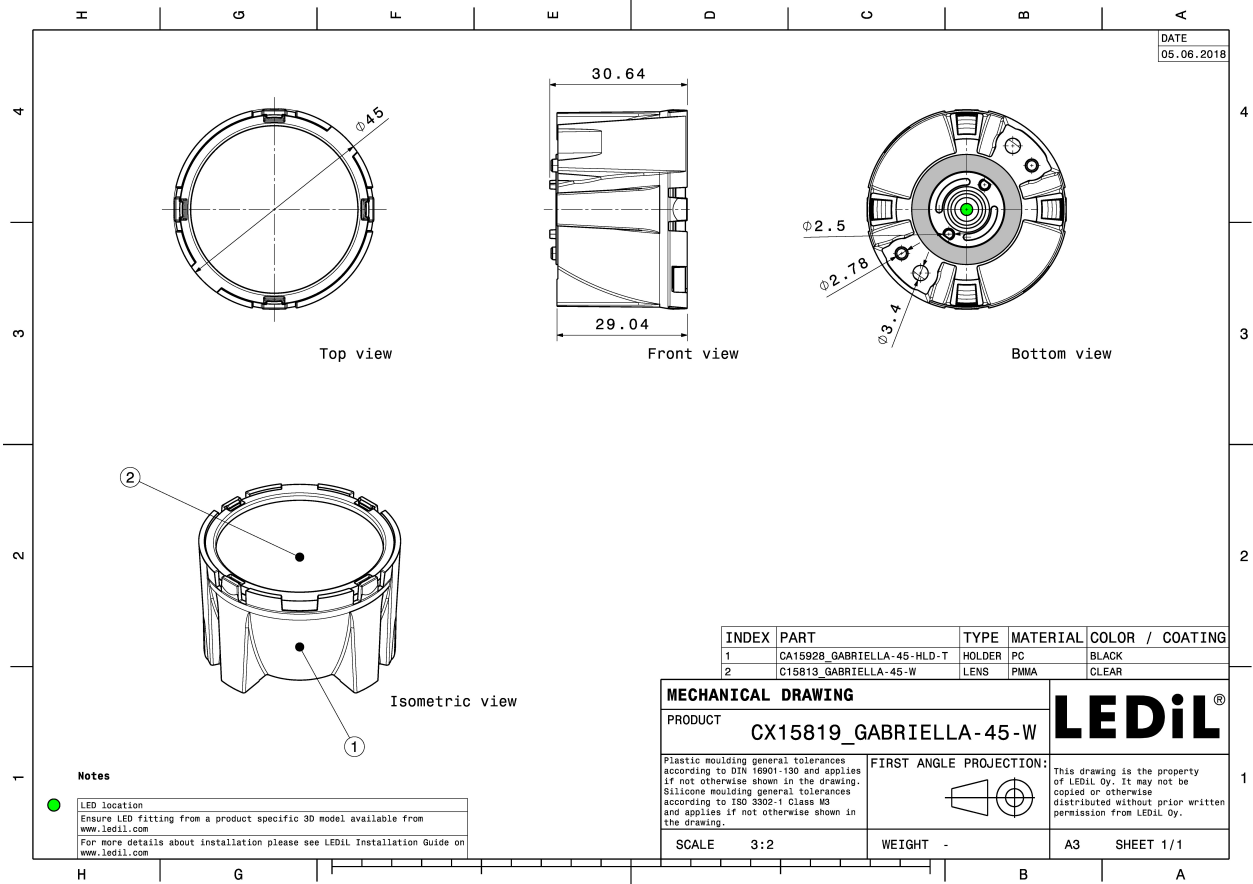
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Assembly	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					
CA15928_GABRIELLA-45-HLD-T	Assembly	405	90	45	5.7
» Box size: 476 x 273 x 292 mm					

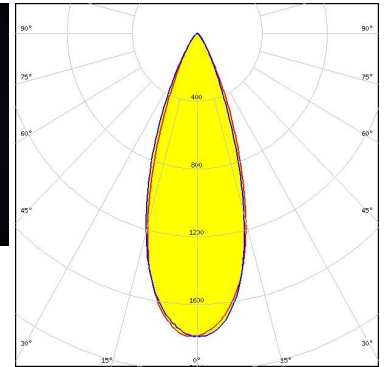
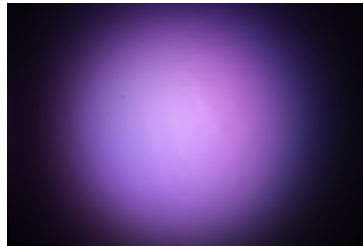


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



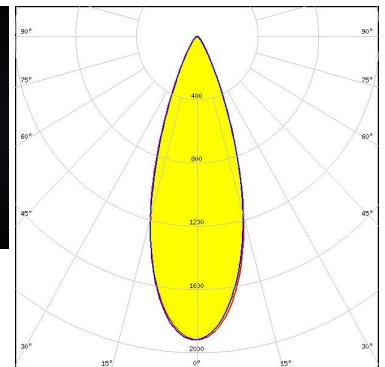
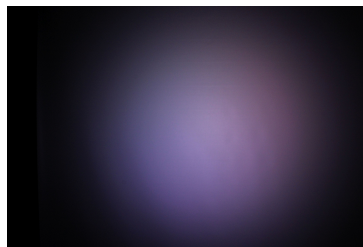
LED XM-L RGBW (XMLCTW)
 FWHM / FWTM 36.0° / 62.0°
 Efficiency 79 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



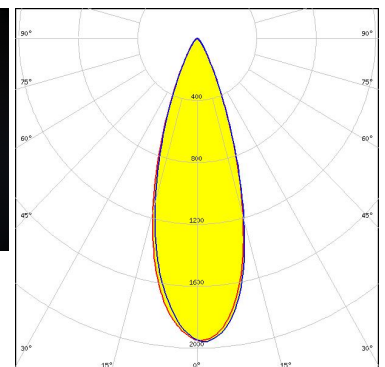
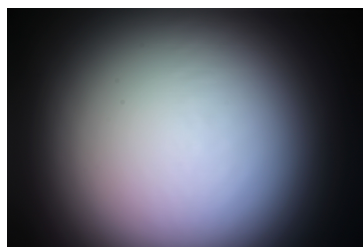
LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 35.0° / 60.0°
 Efficiency 79 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



LED XQ-E HD
 FWHM / FWTM 34.0° / 59.0°
 Efficiency 77 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:

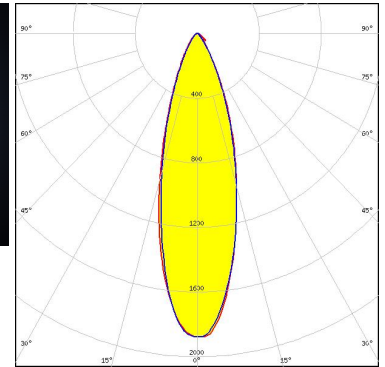
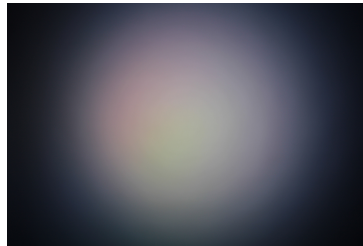


Light distribution files

OPTICAL RESULTS (MEASURED):



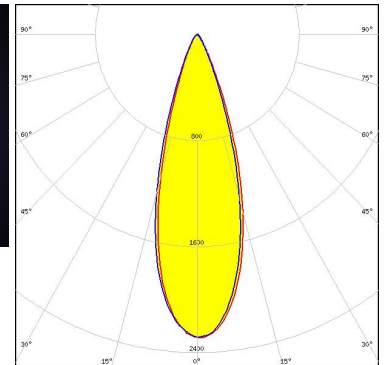
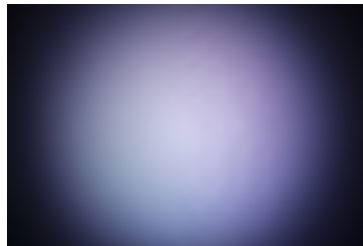
LED LUXEON CZ
FWHM / FWTM 31.0° / 62.0°
Efficiency 74 %
Peak intensity 1.9 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



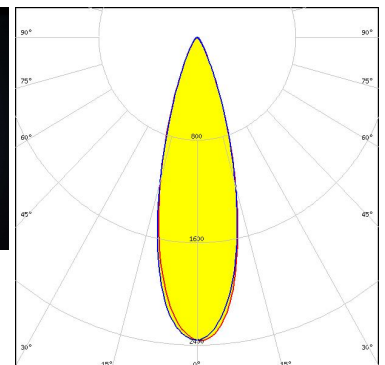
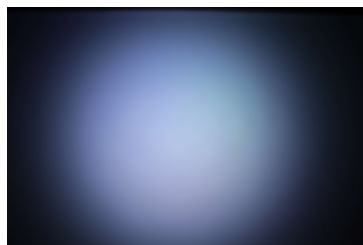
LED SBM-40-RGBW
FWHM / FWTM 32.0° / 54.0°
Efficiency 79 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NCSxE17A
FWHM / FWTM 30.0° / 54.0°
Efficiency 79 %
Peak intensity 2.4 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

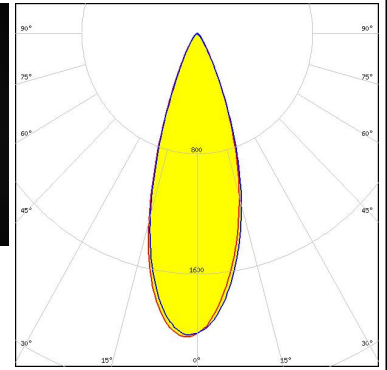


Light distribution files

OPTICAL RESULTS (MEASURED):



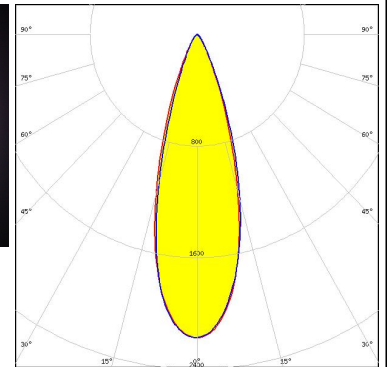
LED NVSW219F
FWHM / FWTM 34.0° / 59.0°
Efficiency 80 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



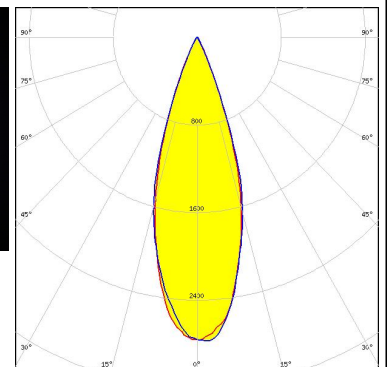
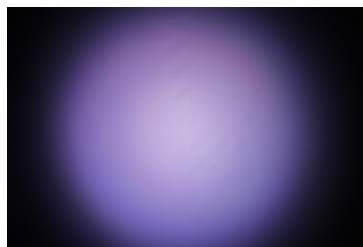
LED OSLO Pure 1414
FWHM / FWTM 32.0° / 55.0°
Efficiency 77 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files

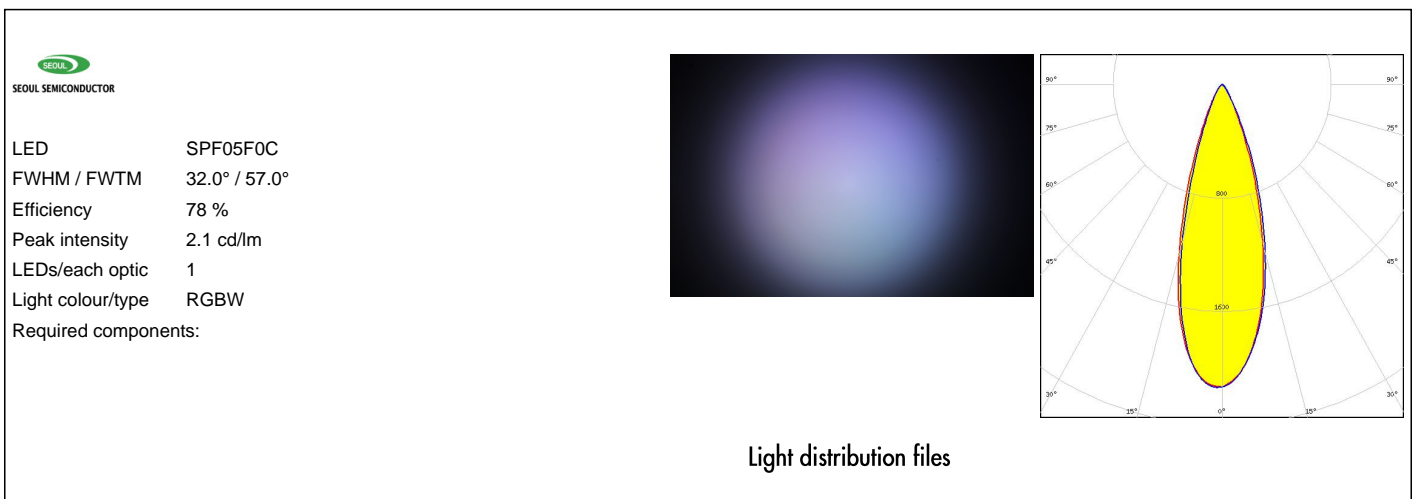
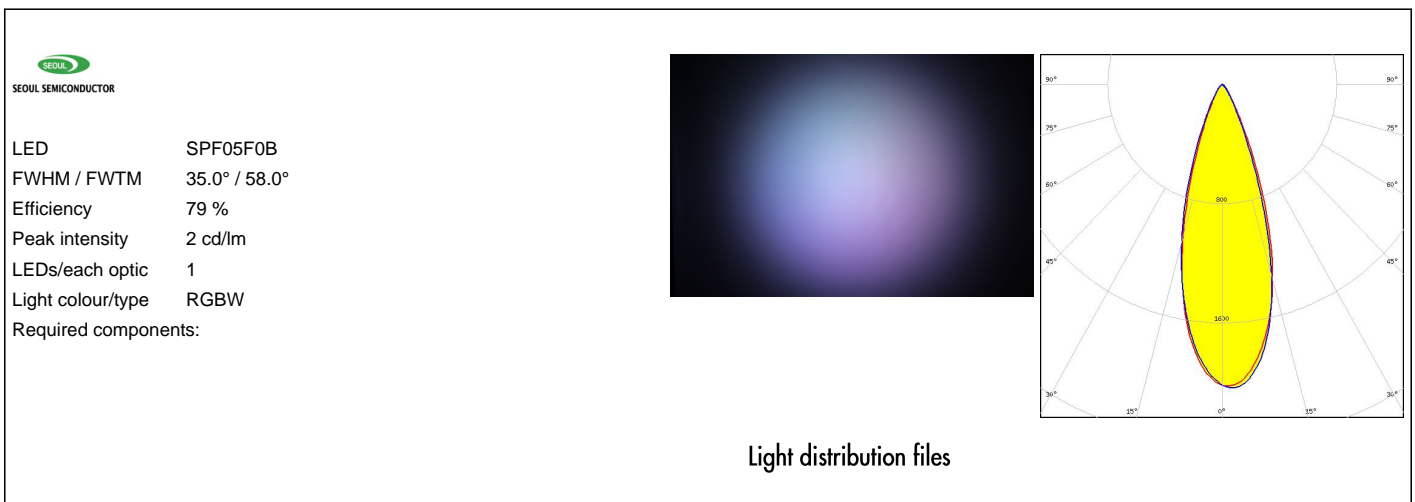
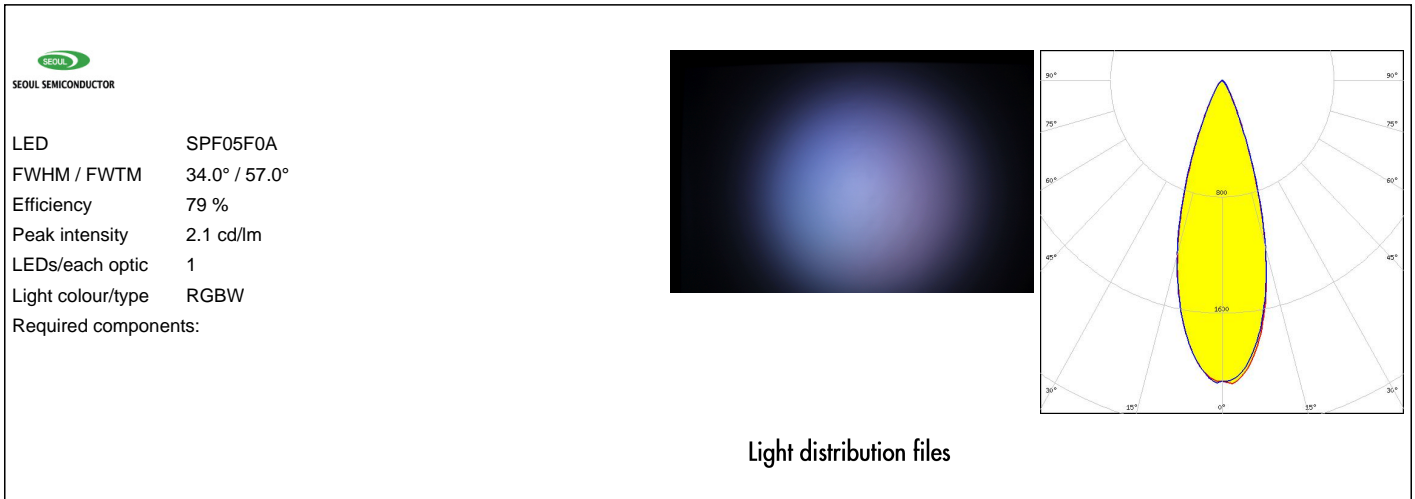


LED Ostar-SMT RGB
FWHM / FWTM 34.0° / 51.0°
Efficiency 87 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

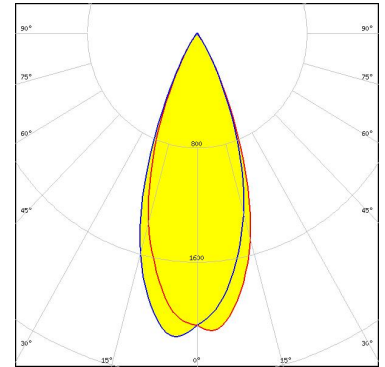
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WN)
FWHM / FWTM	38.0° / 61.0°
Efficiency	92 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WP)
FWHM / FWTM	36.0° / 54.4°
Efficiency	0 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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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