

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	Length
C15813_GABRIELLA-45-W	Single lens	PMMA	clear		42.0
C15528_GABRIELLA-45-HLD	Holder	PC	black		40.0

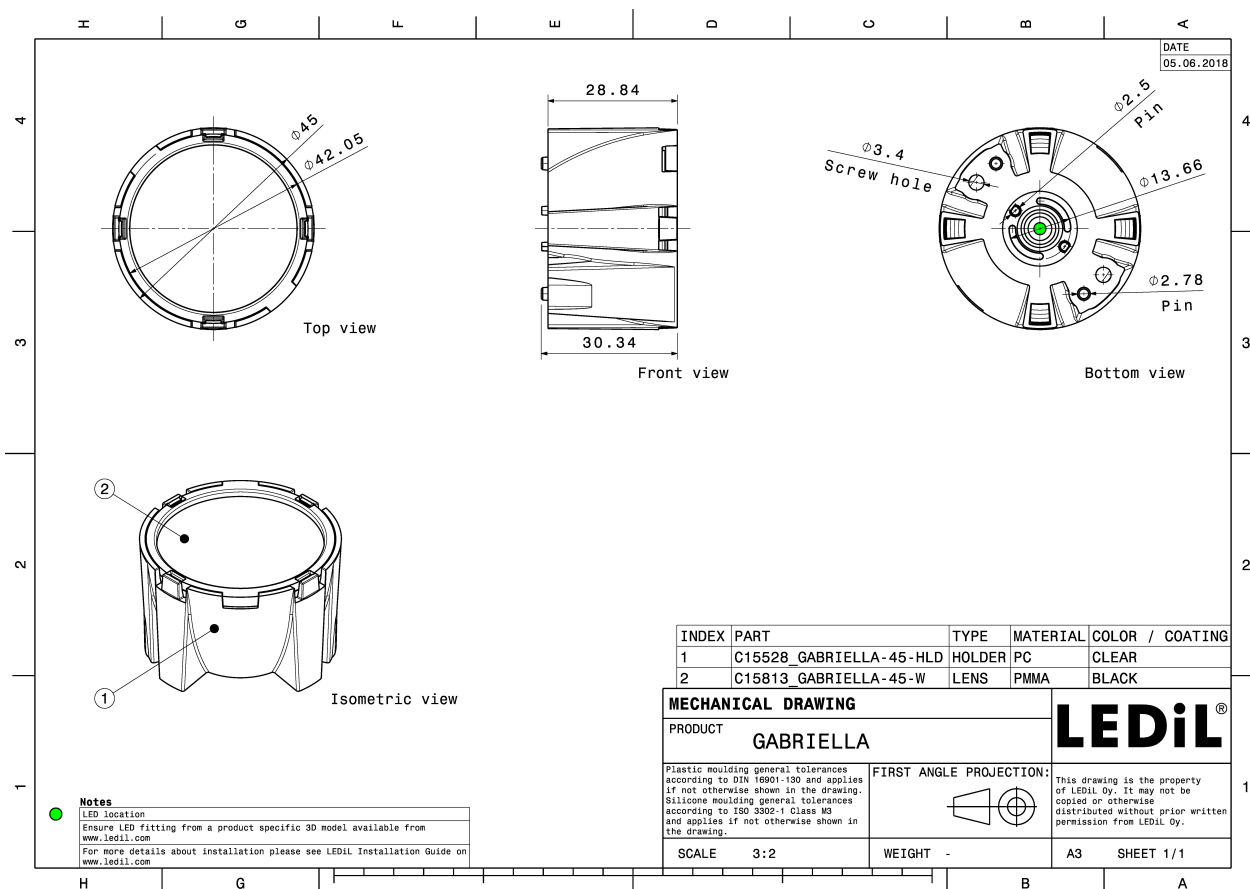


ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

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

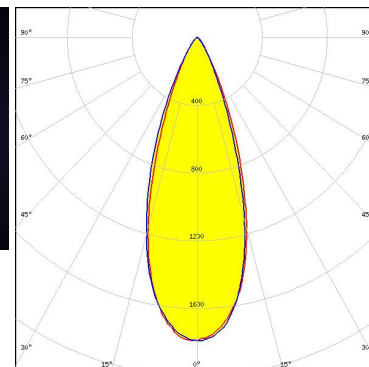
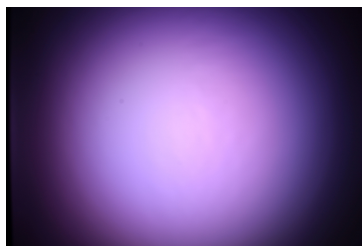


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



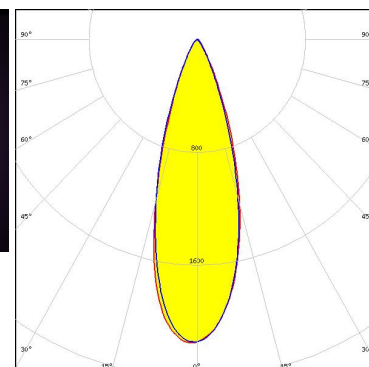
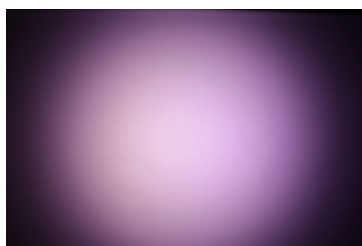
LED XM-L RGBW (XMLCTW)
 FWHM / FWTM 37.0° / 62.0°
 Efficiency 79 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



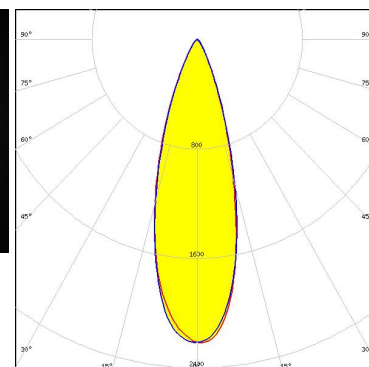
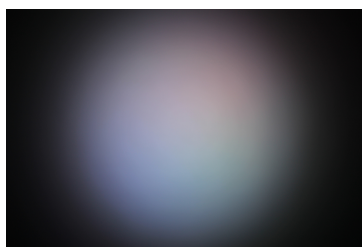
LED LUXEON 5052 RGBW
 FWHM / FWTM 32.0° / 57.0°
 Efficiency 79 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



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

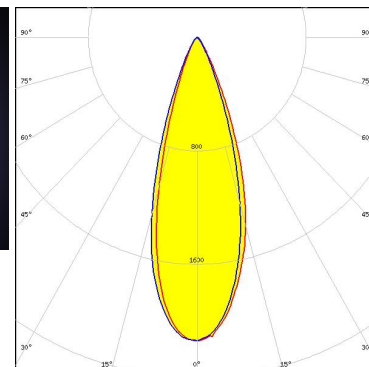
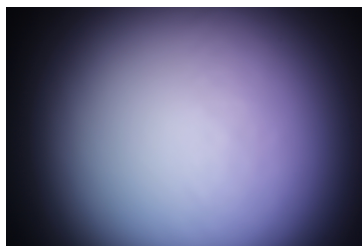


Light distribution files

OPTICAL RESULTS (MEASURED):



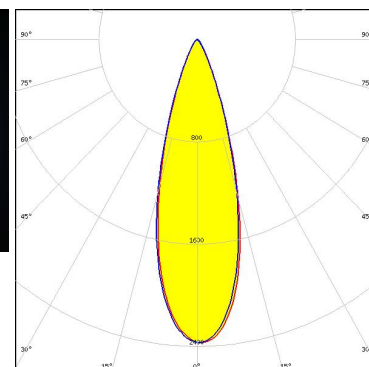
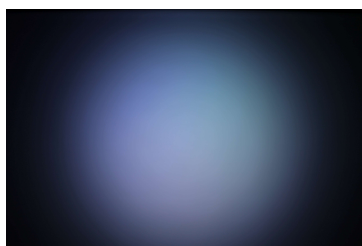
LED SBM-40-RGBW
FWHM / FWTM 33.0° / 56.0°
Efficiency 80 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



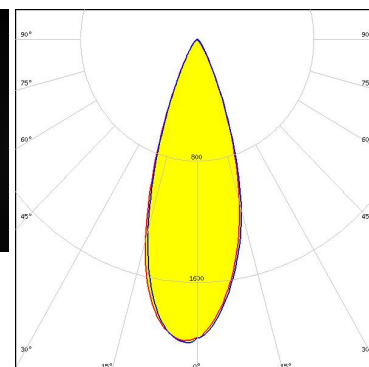
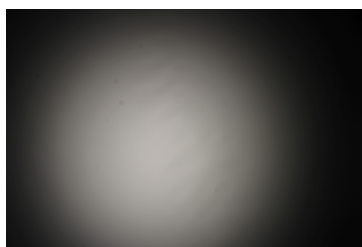
LED NCSxE17A
FWHM / FWTM 31.0° / 54.0°
Efficiency 81 %
Peak intensity 2.4 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



LED NVSW219F
FWHM / FWTM 35.0° / 59.0°
Efficiency 80 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

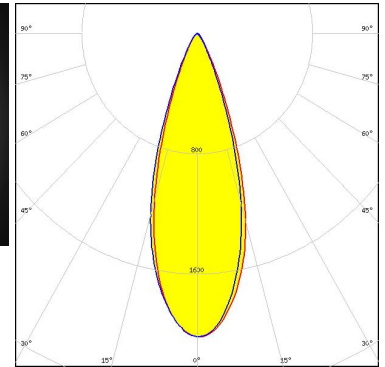
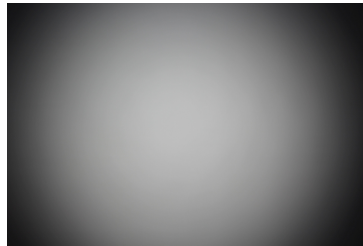


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

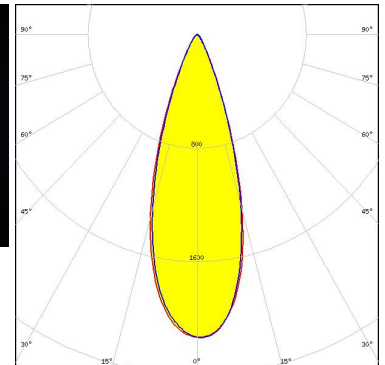
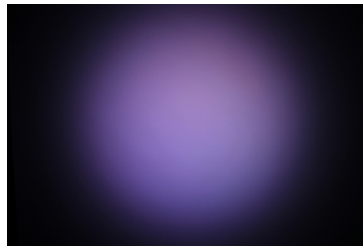
LED OSLON Square EC
FWHM / FWTM 34.0° / 57.0°
Efficiency 78 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

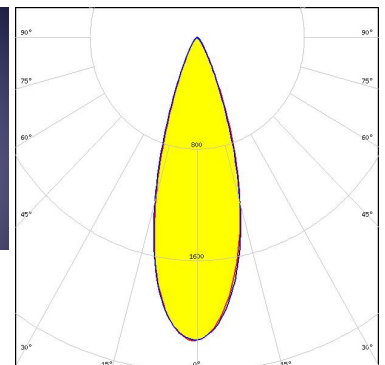
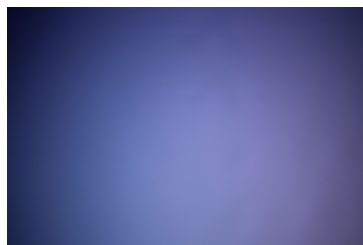
LED Ostar-SMT RGB
FWHM / FWTM 34.0° / 56.0°
Efficiency 81 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEKUL
SEOUL SEMICONDUCTOR

LED SPF05F0A
FWHM / FWTM 33.0° / 56.0°
Efficiency 78 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

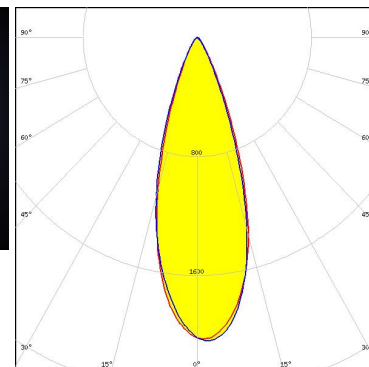
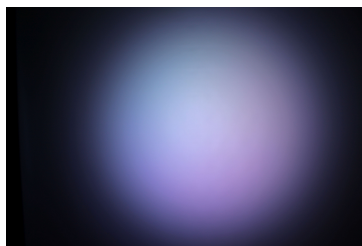


Light distribution files

OPTICAL RESULTS (MEASURED):



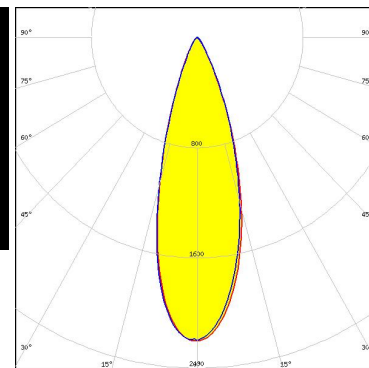
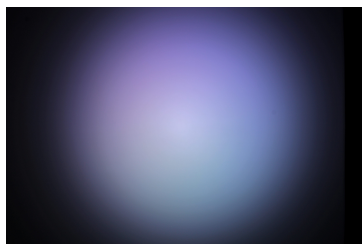
LED SPF05F0B
FWHM / FWTM 34.0° / 58.0°
Efficiency 80 %
Peak intensity 2.1 cd/m
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



LED SPF05F0C
FWHM / FWTM 32.0° / 56.0°
Efficiency 79 %
Peak intensity 2.2 cd/m
LEDs/each optic 1
Light colour/type RGBW
Required components:

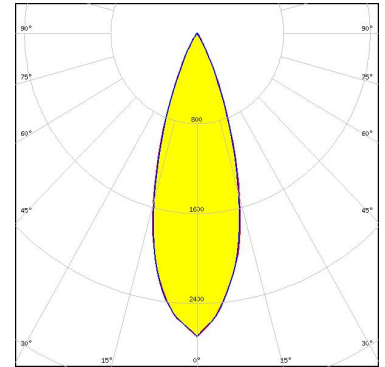


Light distribution files

OPTICAL RESULTS (SIMULATED):



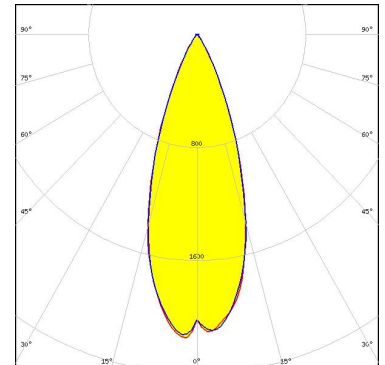
LED J Series 5050 Round LES
FWHM / FWTM 33.0° / 54.0°
Efficiency 90 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



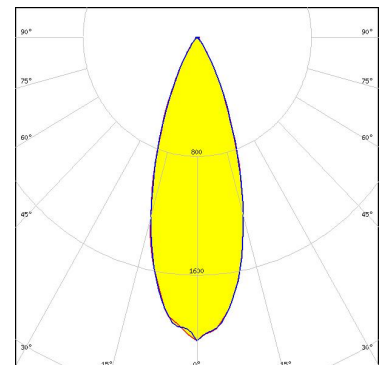
LED XHP50.2
FWHM / FWTM 36.0° / 60.0°
Efficiency 87 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

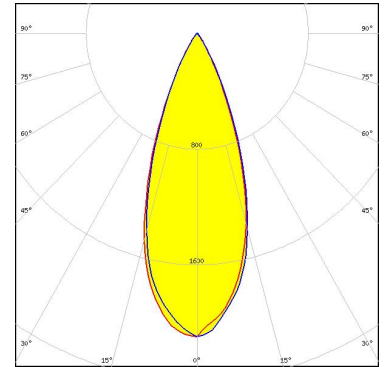


Light distribution files

OPTICAL RESULTS (SIMULATED):



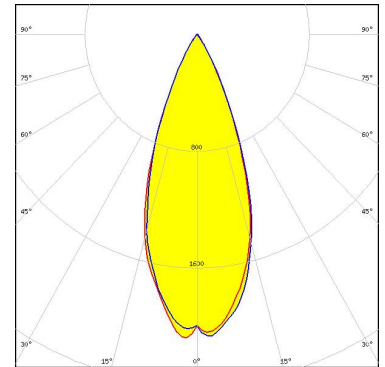
LED	XM-L RGBW (XMLDCL HD)
FWHM / FWTM	38.0° / 62.0°
Efficiency	90 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files



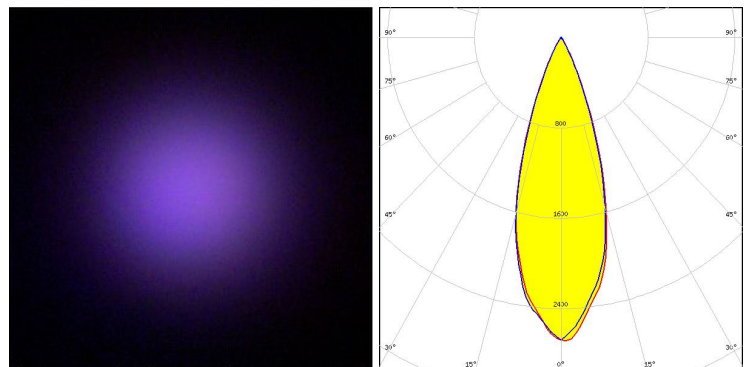
LED	XM-L RGBW (XMLDCL HI)
FWHM / FWTM	40.0 + 39.0° / 62.0°
Efficiency	91 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files



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/type	White
Required components:	

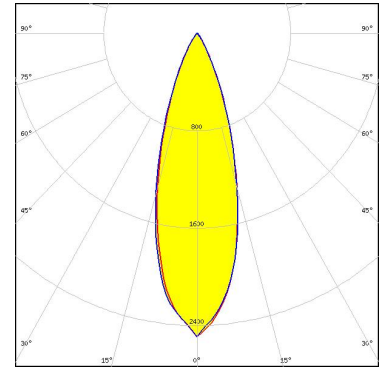


Light distribution files

OPTICAL RESULTS (SIMULATED):



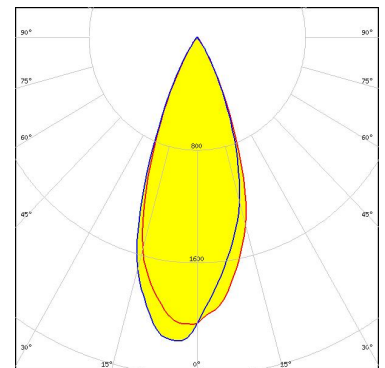
LED LUXEON 7070
FWHM / FWTM 32.0° / 58.0°
Efficiency 87 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



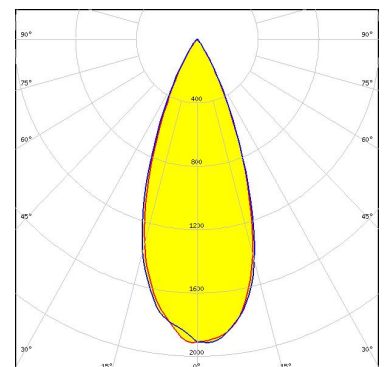
LED LUXEON Rubix
FWHM / FWTM 39.0 + 38.0° / 62.0 + 61.0°
Efficiency 91 %
Peak intensity 2.2 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



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/type RGBW
Required components:

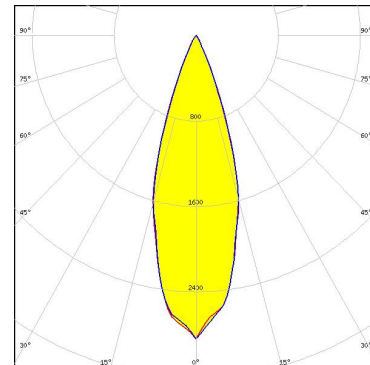
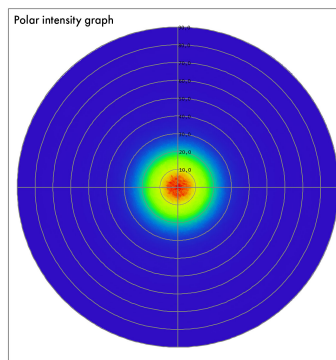


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4717AS
FWHM / FWTM 32.0° / 52.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type IR
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:

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