

GABRIELLA-45-S

~9° spot beam with holder and installation tape

SPECIFICATION:

Dimensions	Ø 45.0
Height	29.1 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
C15927_GABRIELLA-45-S	Single lens	PMMA	clear		
CA15928_GABRIELLA-45-HLD-T	Assembly	PC	black		

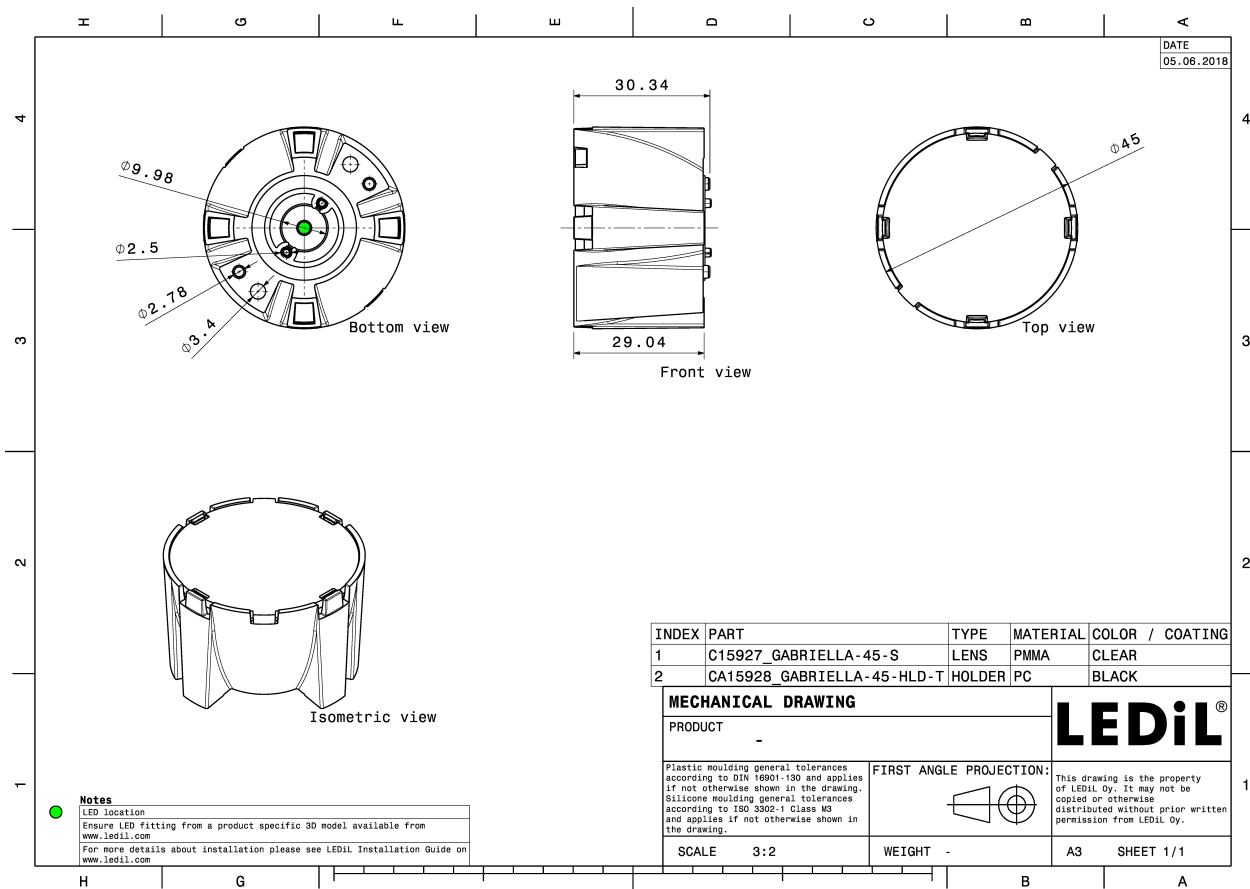
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Assembly	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15927_GABRIELLA-45-S » Box size: 476 x 273 x 292 mm	Single lens	405	90	45	11.5
CA15928_GABRIELLA-45-HLD-T » Box size: 476 x 273 x 292 mm	Assembly	405	90	45	5.7

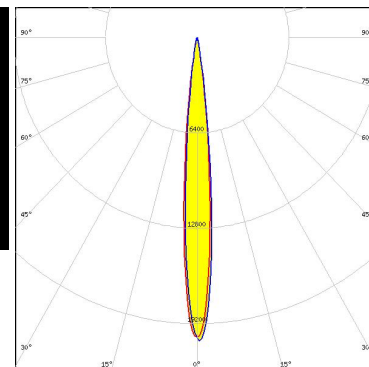
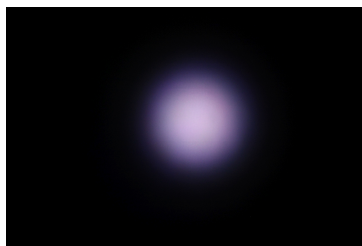


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



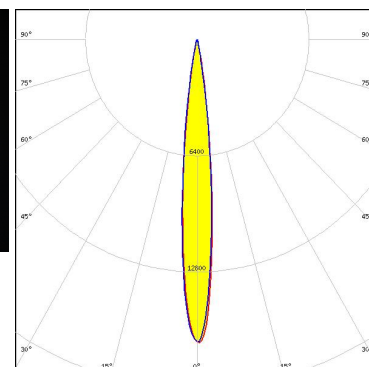
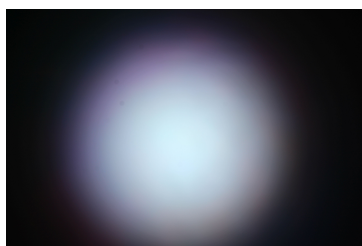
LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 89 %
 Peak intensity 20.4 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



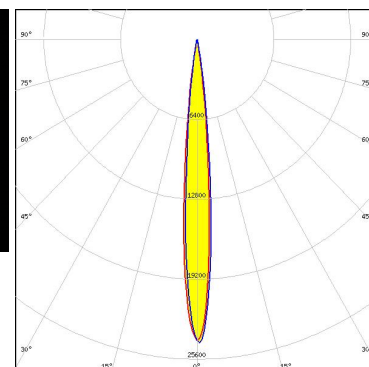
LED XQ-E HD
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 88 %
 Peak intensity 16.8 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:



Light distribution files



LED LZ4-04MDPB
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 91 %
 Peak intensity 24.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

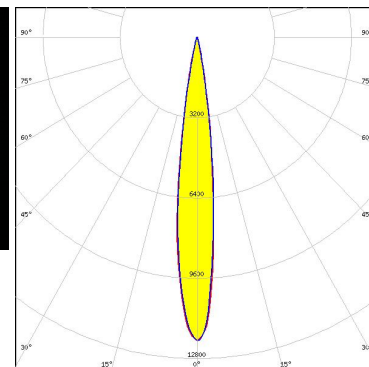


Light distribution files

OPTICAL RESULTS (MEASURED):



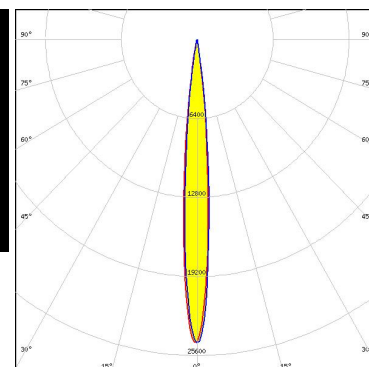
LED LUXEON CZ
FWHM / FWTM 14.0° / 25.0°
Efficiency 89 %
Peak intensity 12 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



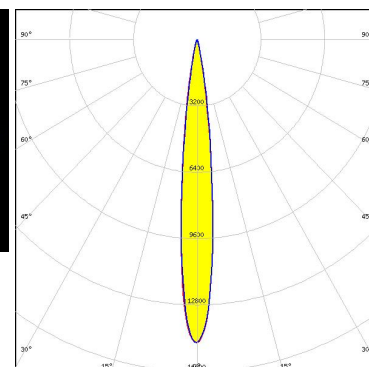
LED SBM-40-RGBW
FWHM / FWTM 10.0° / 18.0°
Efficiency 89 %
Peak intensity 25 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NCSxE17A
FWHM / FWTM 12.0° / 23.0°
Efficiency 90 %
Peak intensity 15 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

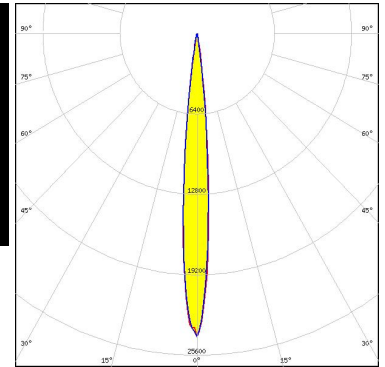
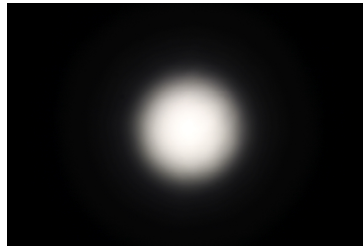


Light distribution files

OPTICAL RESULTS (MEASURED):



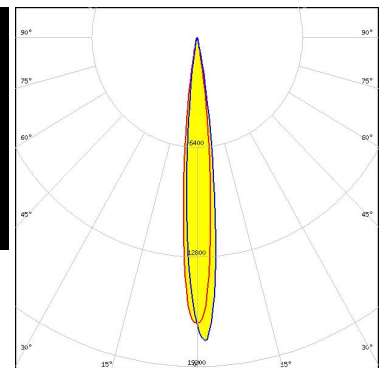
LED NVSW219F
FWHM / FWTM 10.0° / 17.0°
Efficiency 89 %
Peak intensity 24.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



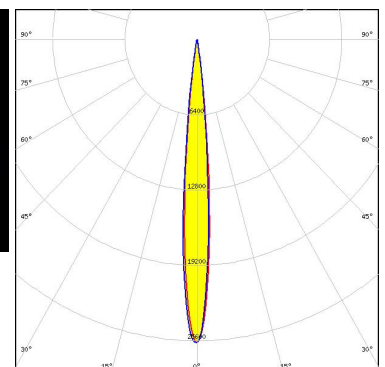
LED OSLO Pure 1414
FWHM / FWTM 11.0° / 20.0°
Efficiency 87 %
Peak intensity 17.7 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



LED OSTAR Stage (S2WN)
FWHM / FWTM 10.0° / 17.0°
Efficiency 90 %
Peak intensity 25.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

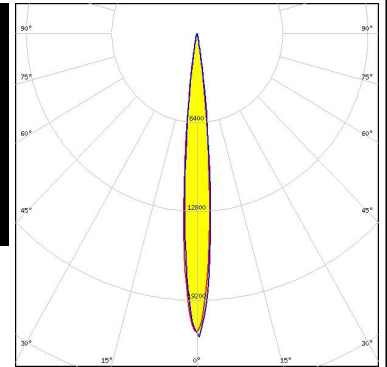
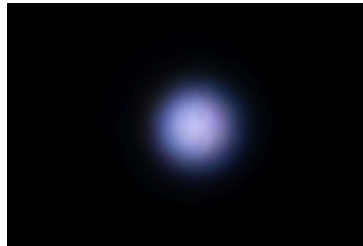


Light distribution files

OPTICAL RESULTS (MEASURED):



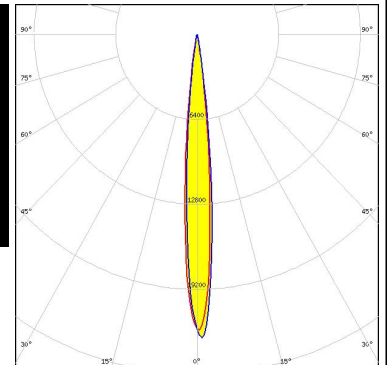
LED SPF05F0A
FWHM / FWTM 10.0° / 19.0°
Efficiency 89 %
Peak intensity 21.8 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



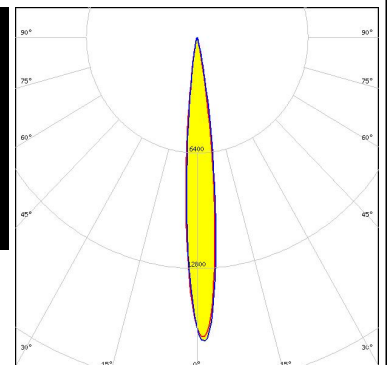
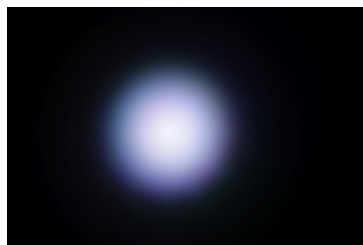
LED SPF05F0B
FWHM / FWTM 10.0° / 18.0°
Efficiency 90 %
Peak intensity 22.9 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



LED SPF05F0C
FWHM / FWTM 11.0° / 20.0°
Efficiency 89 %
Peak intensity 17.4 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

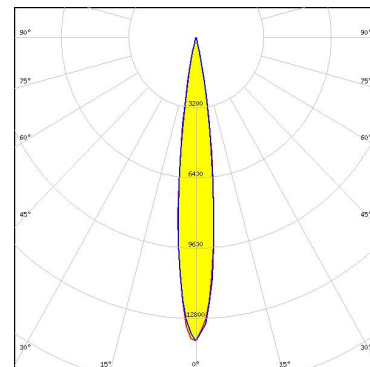


Light distribution files

OPTICAL RESULTS (SIMULATED):



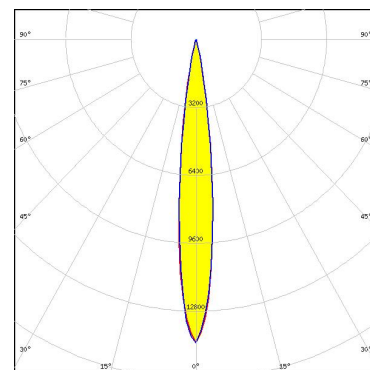
LED XHP50
FWHM / FWTM 14.0° / 24.0°
Efficiency 89 %
Peak intensity 13.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



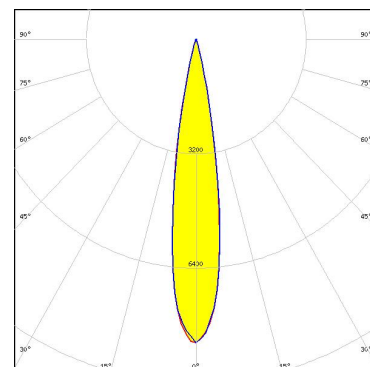
LED XHP50.2
FWHM / FWTM 13.0° / 24.0°
Efficiency 91 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP70
FWHM / FWTM 18.0° / 29.0°
Efficiency 87 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

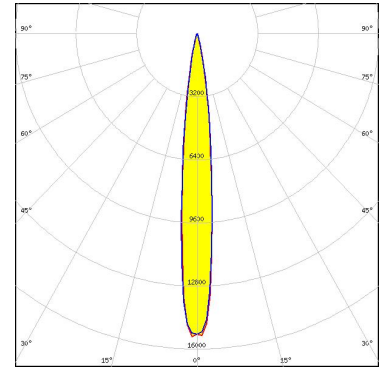


Light distribution files

OPTICAL RESULTS (SIMULATED):



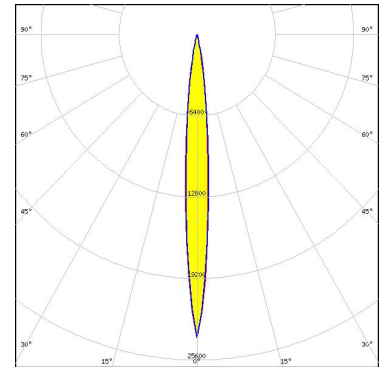
LED	XM-L RGBW (XMLCTW)
FWHM / FWTM	12.0° / 24.0°
Efficiency	93 %
Peak intensity	15.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



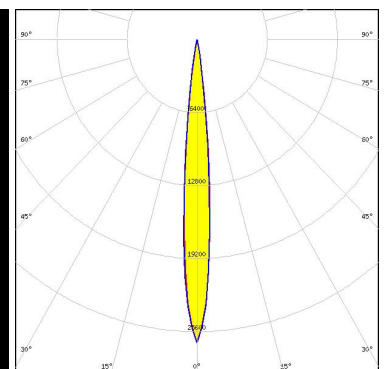
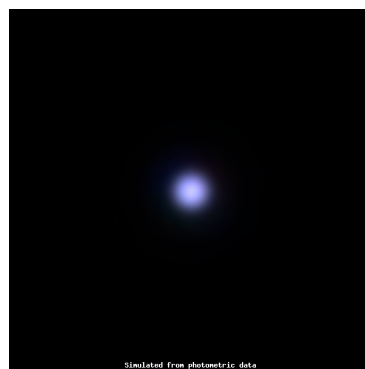
LED	XP-L HD
FWHM / FWTM	8.0° / 21.0°
Efficiency	92 %
Peak intensity	23.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	OSTAR Stage (S2WN)
FWHM / FWTM	10.0° / 18.0°
Efficiency	94 %
Peak intensity	26.6 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	

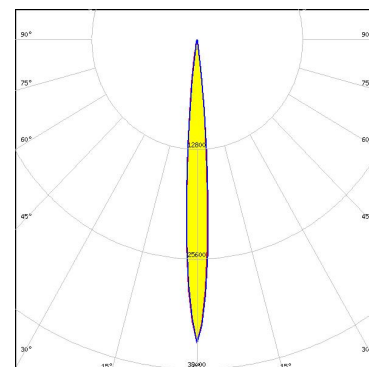


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

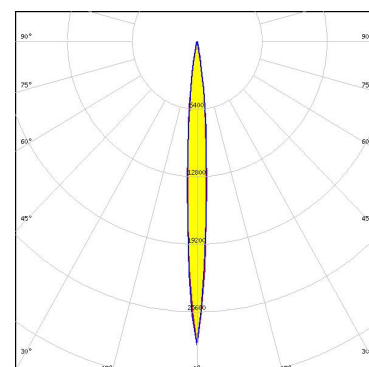
LED OSTAR Stage (S2WN)
FWHM / FWTM 8.0° / 16.0°
Efficiency 94 %
Peak intensity 35.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSTAR Stage (S2WP)
FWHM / FWTM 8.0° / 19.0°
Efficiency 93 %
Peak intensity 28.7 cd/lm
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:

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