

GABRIELLA-45-S

~9° spot beam with holder

SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish	Length
C15927_GABRIELLA-45-S	Single lens	PMMA	clear		42.0
C15528_GABRIELLA-45-HLD	Holder	PC	black		40.0

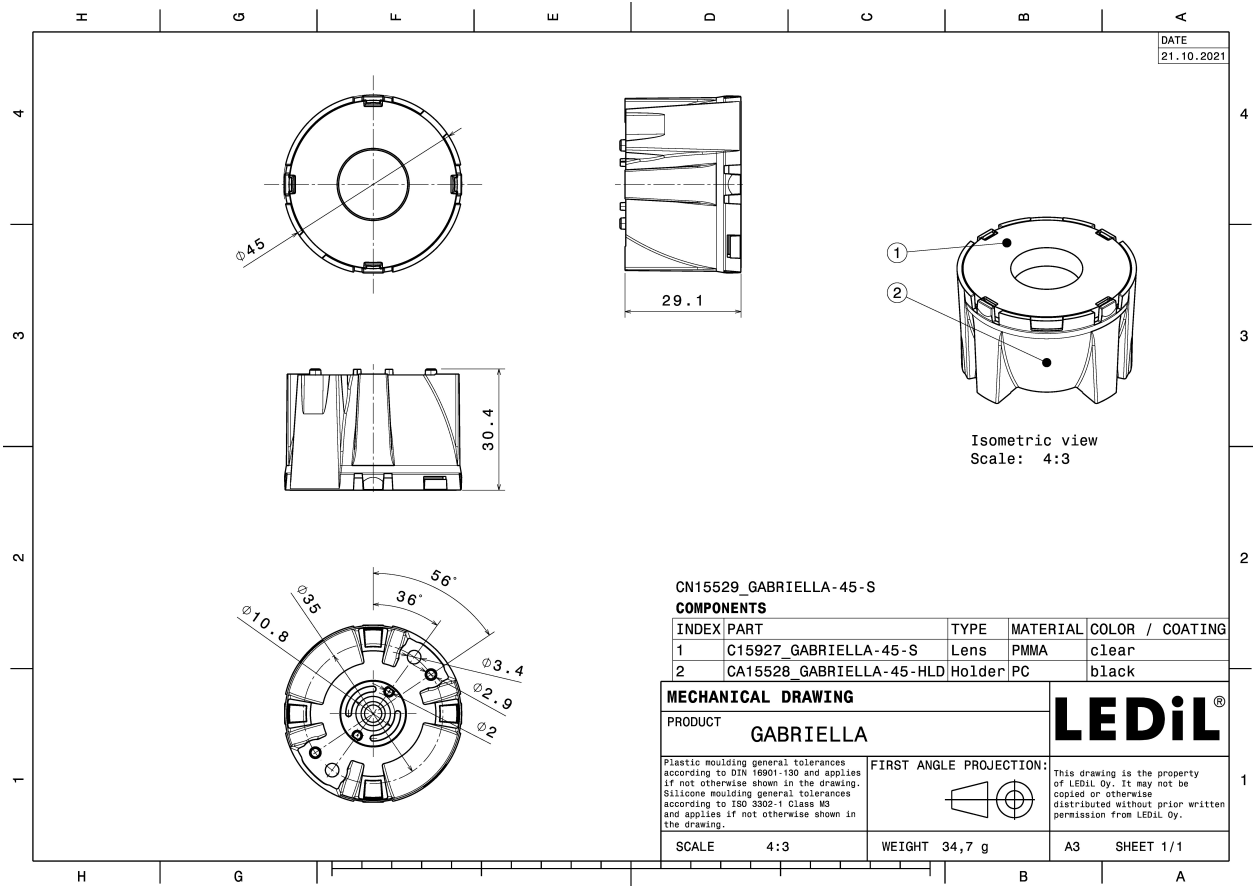
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15927_GABRIELLA-45-S	Single lens	405	90	45	11.5
» 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					

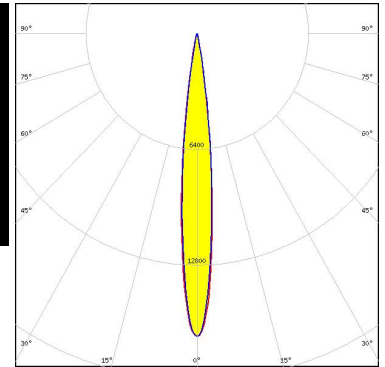


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



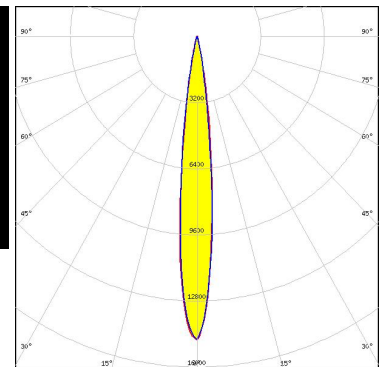
LED XM-L RGBW (XMLCTW)
 FWHM / FWTM 12.0° / 21.0°
 Efficiency 87 %
 Peak intensity 17 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



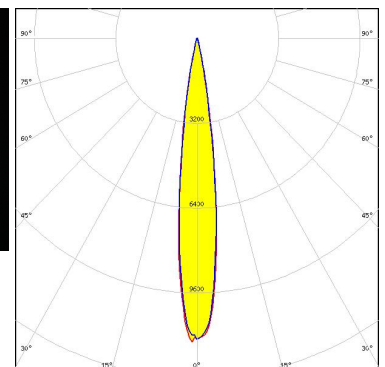
LED LUXEON 5052 RGBW
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 91 %
 Peak intensity 14.8 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



LED LUXEON CZ
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 88 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:

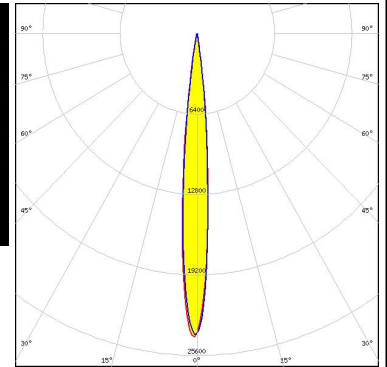
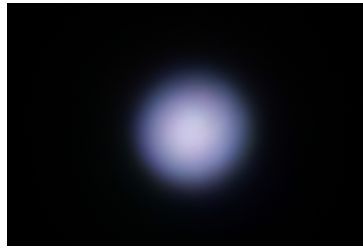


Light distribution files

OPTICAL RESULTS (MEASURED):



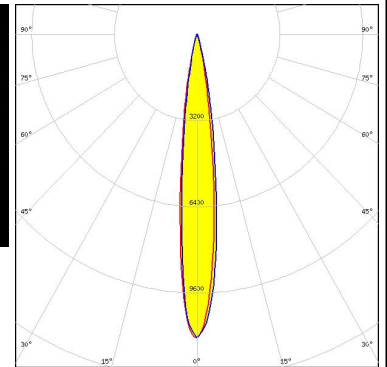
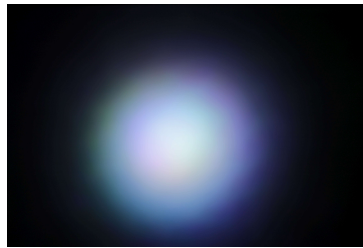
LED SBM-40-RGBW
FWHM / FWTM 10.0° / 18.0°
Efficiency 90 %
Peak intensity 24 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



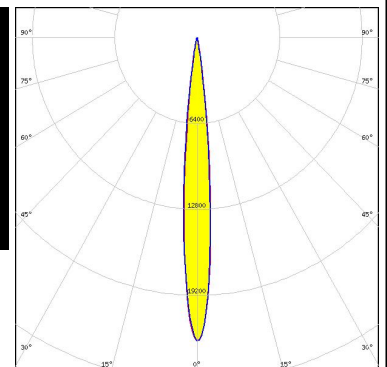
LED NCSxE17A
FWHM / FWTM 13.0° / 27.0°
Efficiency 91 %
Peak intensity 11 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



LED NVSW219F
FWHM / FWTM 10.0° / 18.0°
Efficiency 91 %
Peak intensity 22.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

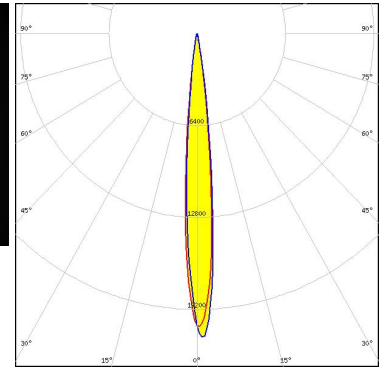


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

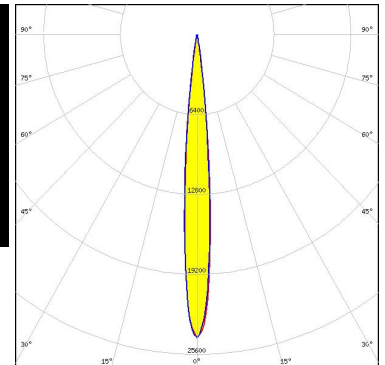
LED OSLON Square EC
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 88 %
 Peak intensity 21.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

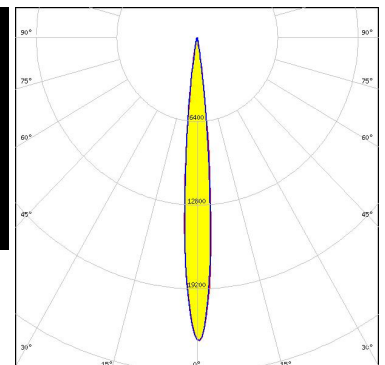
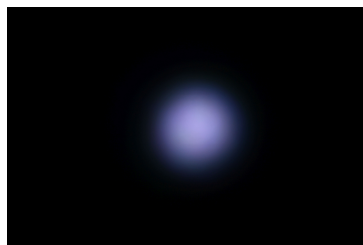
LED OSTAR Stage (S2WN)
 FWHM / FWTM 10.0° / 17.0°
 Efficiency 87 %
 Peak intensity 24 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

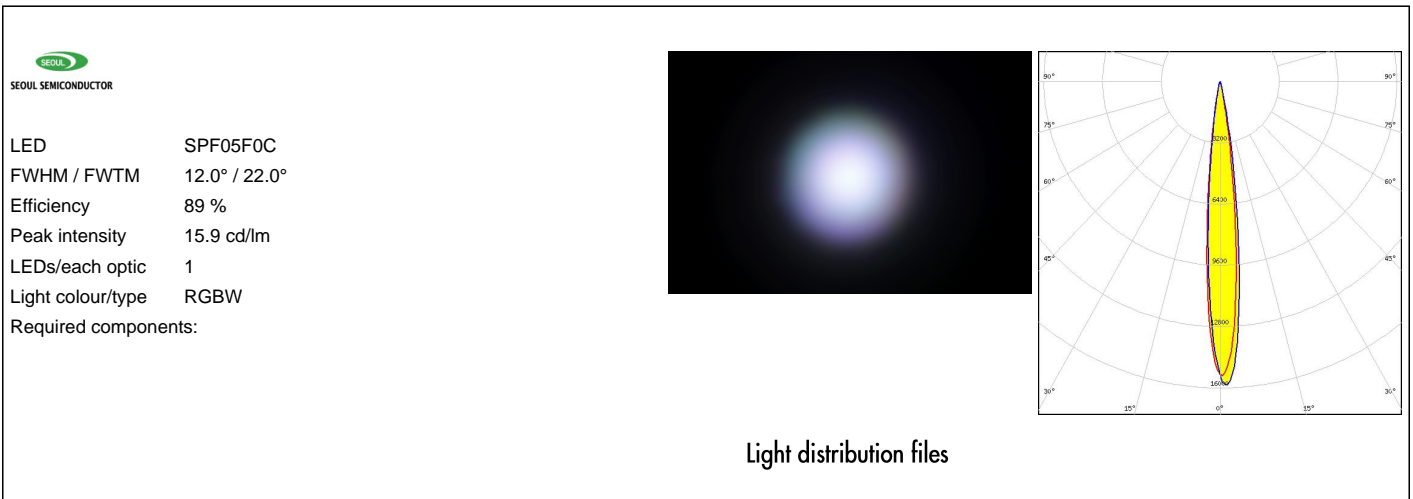
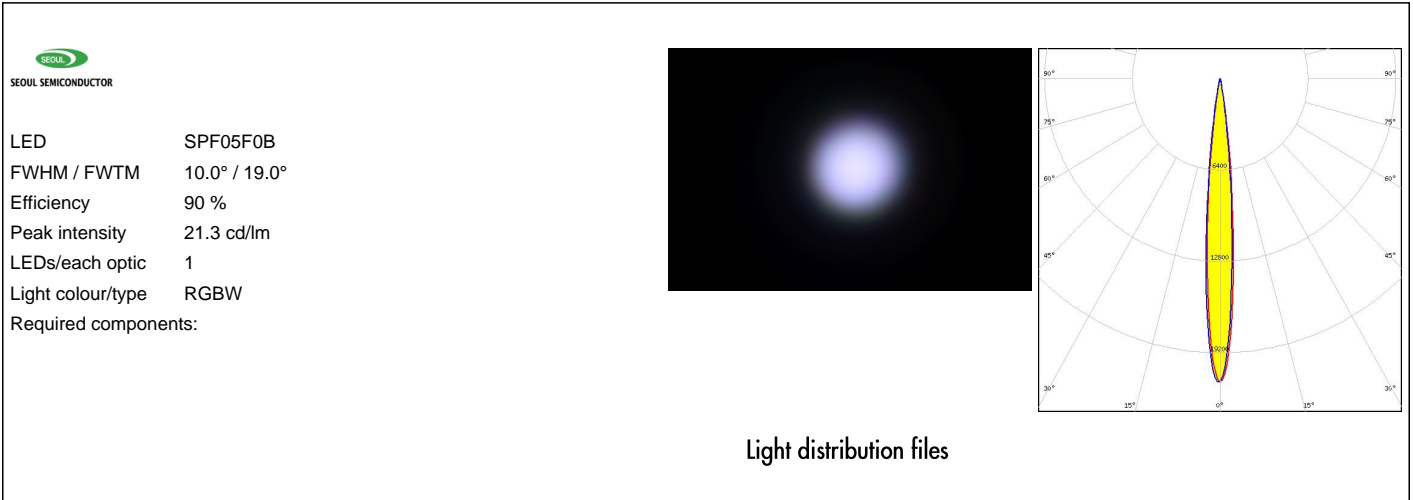
SEUL
SEOUL SEMICONDUCTOR

LED SPF05F0A
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 89 %
 Peak intensity 23.4 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files

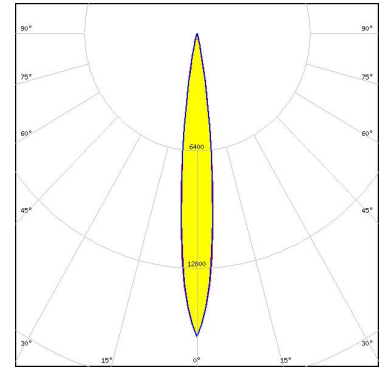
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):



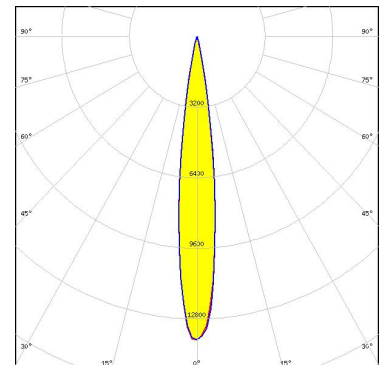
LED CLQ6A-TKW
FWHM / FWTM 12.3° / 23.3°
Efficiency 94 %
Peak intensity 16.6 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



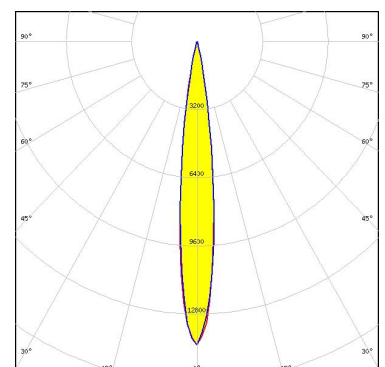
LED XHP50
FWHM / FWTM 14.0° / 24.0°
Efficiency 92 %
Peak intensity 13.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP50.2
FWHM / FWTM 13.0° / 25.0°
Efficiency 91 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

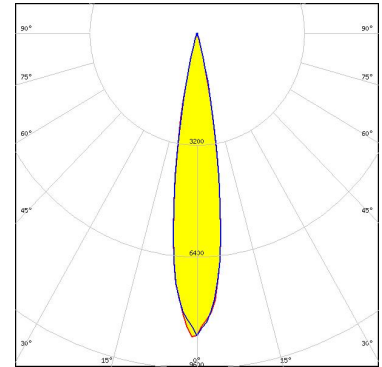


Light distribution files

OPTICAL RESULTS (SIMULATED):



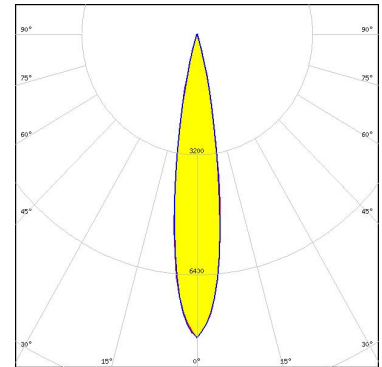
LED XHP70
FWHM / FWTM 18.0° / 29.0°
Efficiency 90 %
Peak intensity 8.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



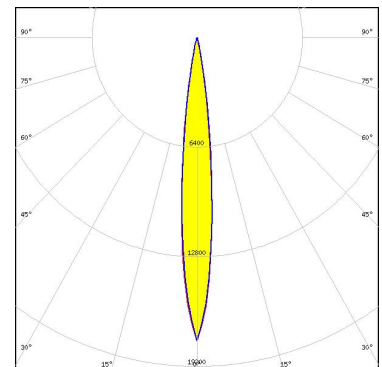
LED XHP70.2
FWHM / FWTM 17.0° / 30.0°
Efficiency 89 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 12.0° / 22.0°
Efficiency 94 %
Peak intensity 17.7 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

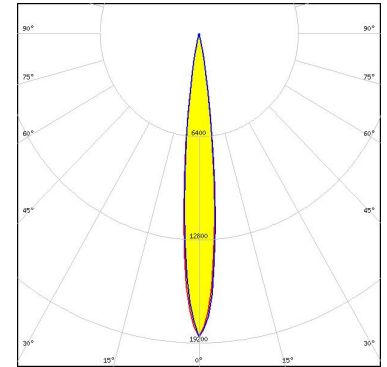


Light distribution files

OPTICAL RESULTS (SIMULATED):



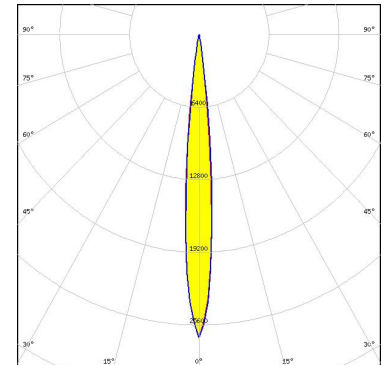
LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 94 %
 Peak intensity 18.8 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



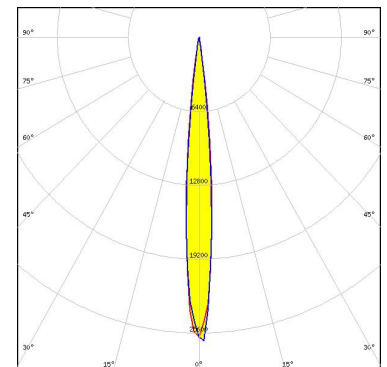
LED XP-E2
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 93 %
 Peak intensity 26.7 cd/lm
 LEDs/each optic 1
 Light colour/type Amber
 Required components:



Light distribution files



LED LZ4-04MDPB
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 92 %
 Peak intensity 28.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

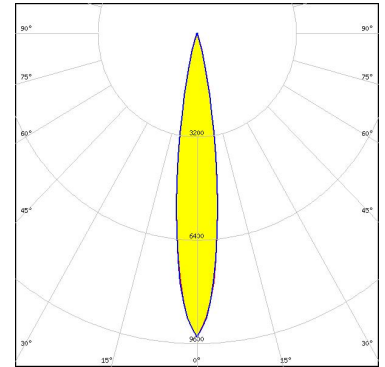


Light distribution files

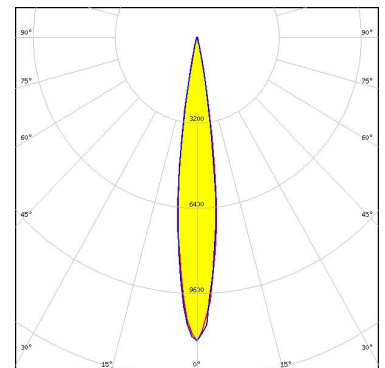
OPTICAL RESULTS (SIMULATED):



LED LUXEON 7070
FWHM / FWTM 16.0° / 30.0°
Efficiency 92 %
Peak intensity 9.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



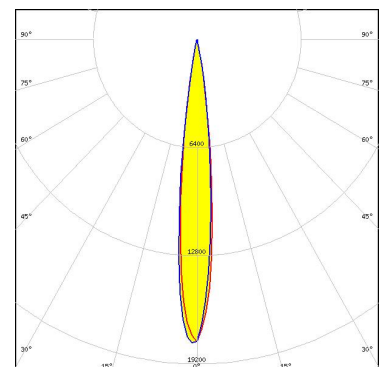
LED LUXEON C
FWHM / FWTM 14.0° / 24.0°
Efficiency 85 %
Peak intensity 11.5 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



LED LUXEON Rubix
FWHM / FWTM 12.0° / 22.0°
Efficiency 94 %
Peak intensity 18 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

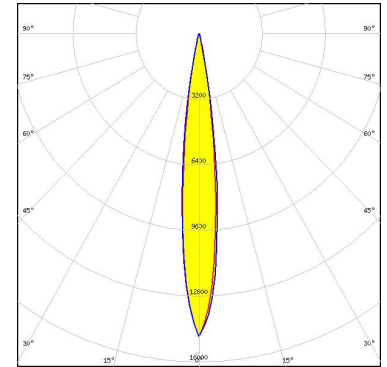


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

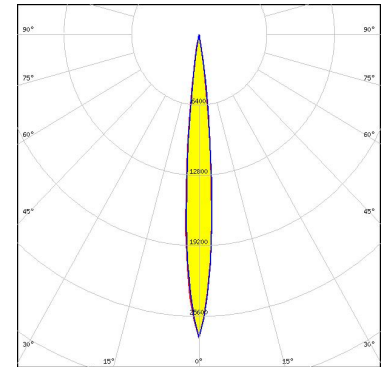
LED DURIS E 5050 (GW J9LHS1.4M)
FWHM / FWTM 13.0 + 14.0° / 24.0°
Efficiency 93 %
Peak intensity 14.8 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files

OSRAM
Opto Semiconductors

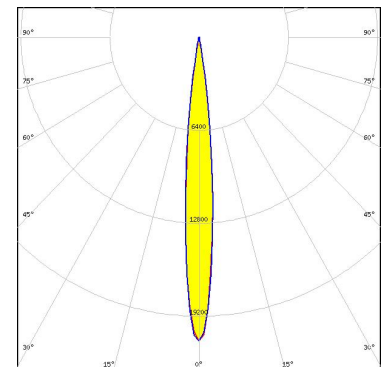
LED OSOLON Square CSSRM2/CSSRM3
FWHM / FWTM 10.0° / 18.0°
Efficiency 93 %
Peak intensity 27.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSTAR Stage (S2WP)
FWHM / FWTM 11.0° / 19.0°
Efficiency 92 %
Peak intensity 22.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

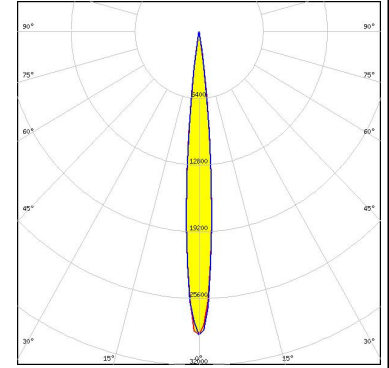


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

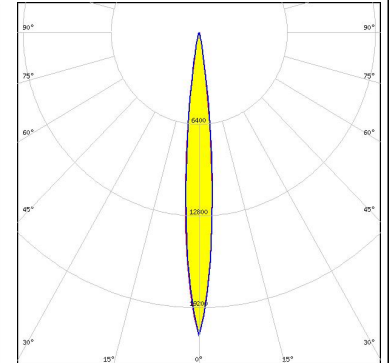
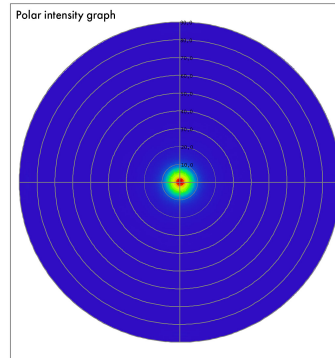
LED Ostar-SMT RGB
 FWHM / FWTM 10.0° / 17.0°
 Efficiency 92 %
 Peak intensity 31.6 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4717AS
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 93 %
 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:

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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