

GABRIELLA-45-S

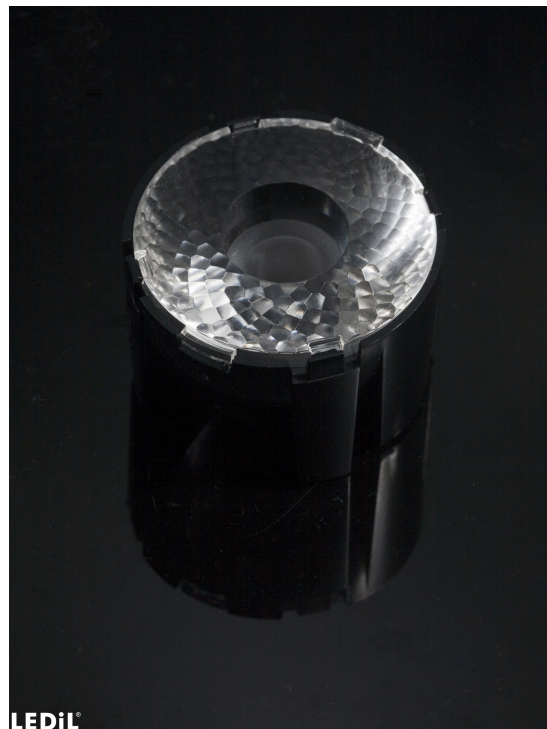
~9° spot beam with holder

SPECIFICATION:

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

MATERIALS:

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

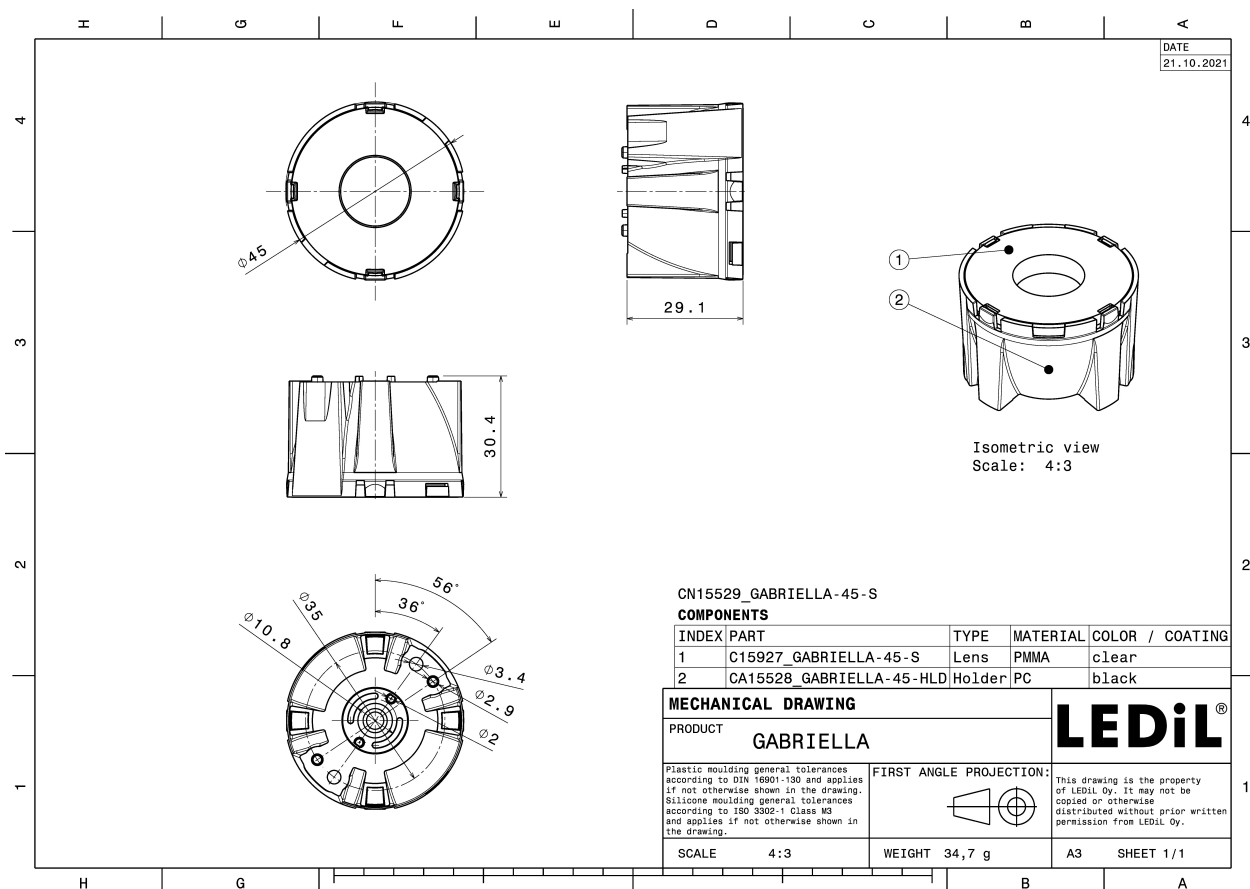


ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15927_GABRIELLA-45-S » Box size: 476 x 273 x 292 mm	Single lens	405	90	45	11.5
C15528_GABRIELLA-45-HLD » Box size: 476 x 273 x 292 mm	Holder	405	90	45	5.1

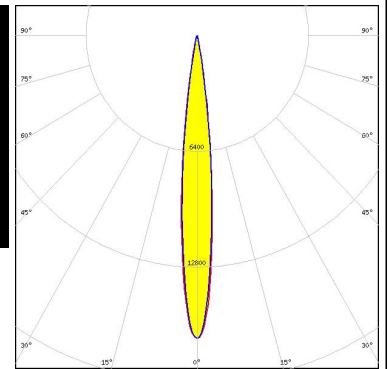


See also our general installation guide: www.ledil.com/installation_guide

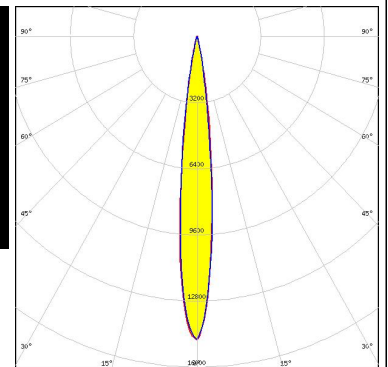
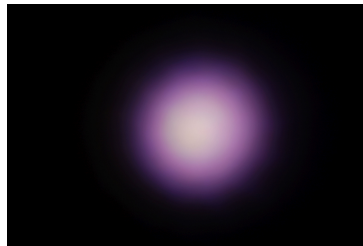
OPTICAL RESULTS (MEASURED):



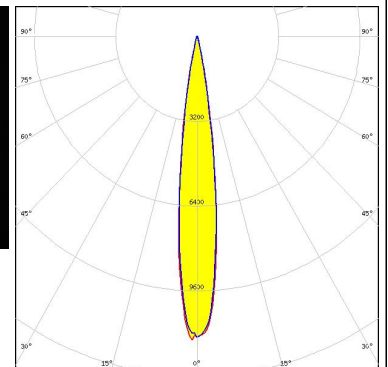
LED XM-L RGBW (XMLCTW)
FWHM / FWTM 12.0° / 21.0°
Efficiency 87 %
Peak intensity 17 cd/lm
LEDs/each optic 1
Light colour White
Required components:



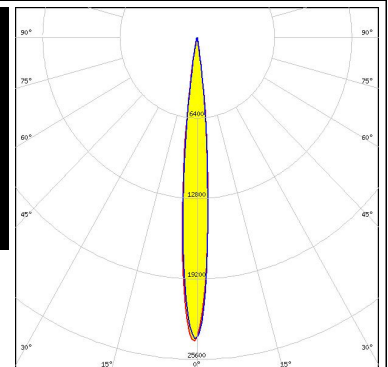
LED LUXEON 5052 RGBW
FWHM / FWTM 12.0° / 23.0°
Efficiency 91 %
Peak intensity 14.8 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



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



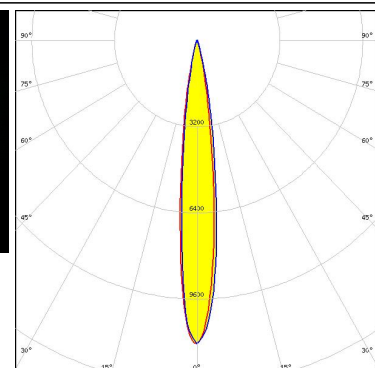
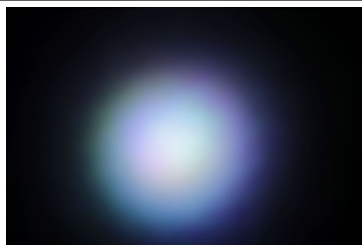
LED SBM-40-RGBW
FWHM / FWTM 10.0° / 18.0°
Efficiency 90 %
Peak intensity 24 cd/lm
LEDs/each optic 1
Light colour White
Required components:



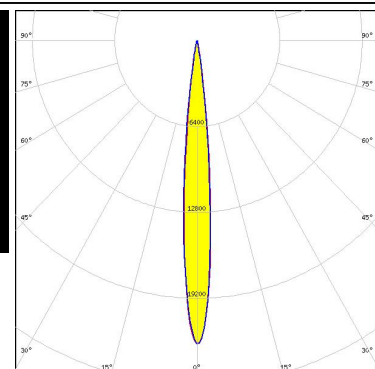
OPTICAL RESULTS (MEASURED):



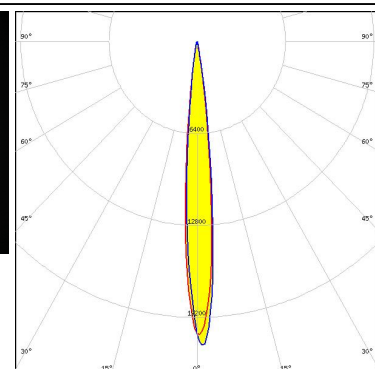
LED NCSxE17A
FWHM / FWTM 13.0° / 27.0°
Efficiency 91 %
Peak intensity 11 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



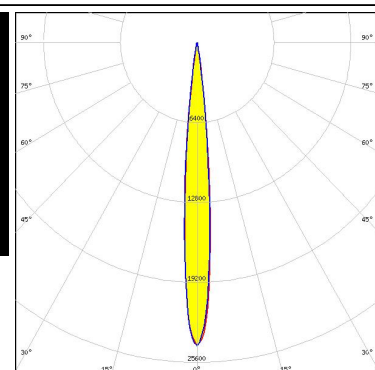
LED NVSW219F
FWHM / FWTM 10.0° / 18.0°
Efficiency 91 %
Peak intensity 22.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:





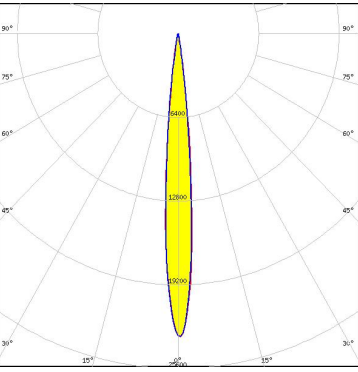


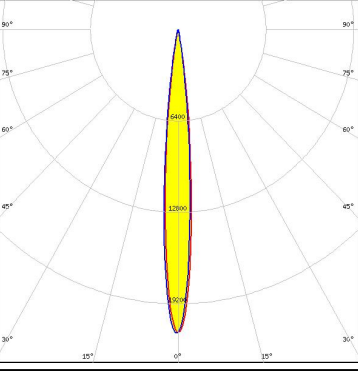


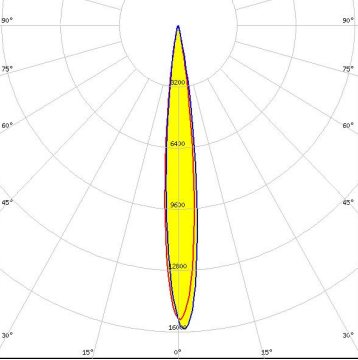
LED OSLON Square EC
FWHM / FWTM 10.0° / 19.0°
Efficiency 88 %
Peak intensity 21.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



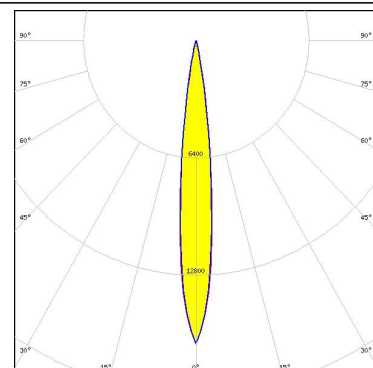
OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 23.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 10.0° / 19.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 21.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 12.0° / 22.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 15.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		

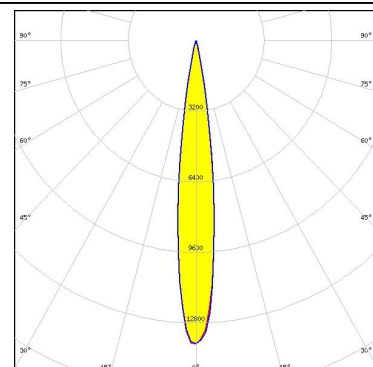
OPTICAL RESULTS (SIMULATED):



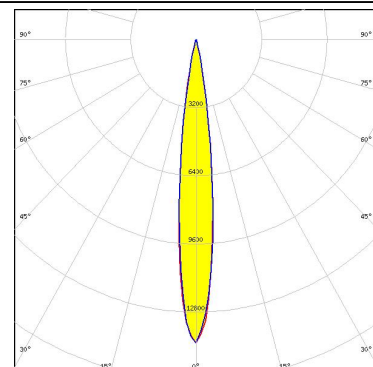
LED CLQ6A-TKW
FWHM / FWTM 12.3° / 23.3°
Efficiency 94 %
Peak intensity 16.6 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



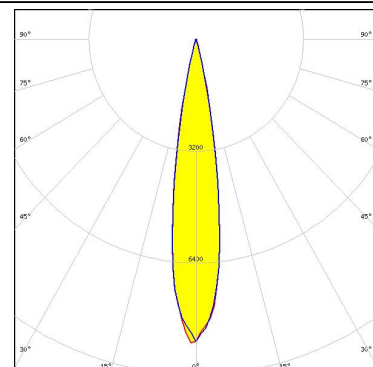
LED XHP50
FWHM / FWTM 14.0° / 24.0°
Efficiency 92 %
Peak intensity 13.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



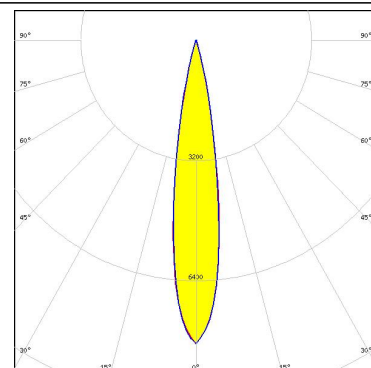
LED XHP70
FWHM / FWTM 18.0° / 29.0°
Efficiency 90 %
Peak intensity 8.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



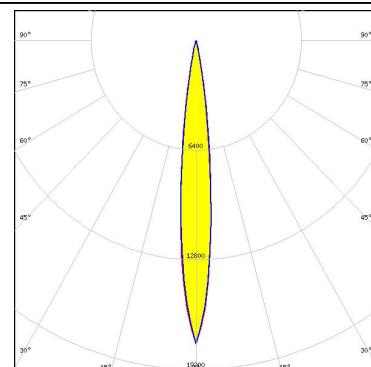
OPTICAL RESULTS (SIMULATED):



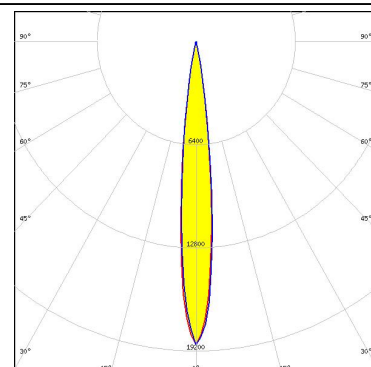
LED XHP70.2
FWHM / FWTM 17.0° / 30.0°
Efficiency 89 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



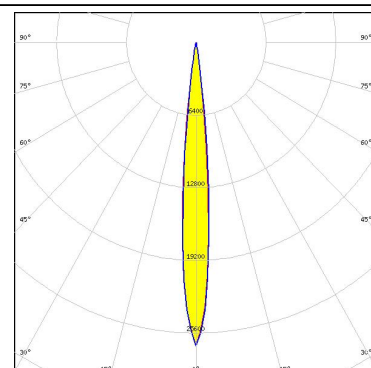
LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 12.0° / 22.0°
Efficiency 94 %
Peak intensity 17.7 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



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 RGBW
Required components:



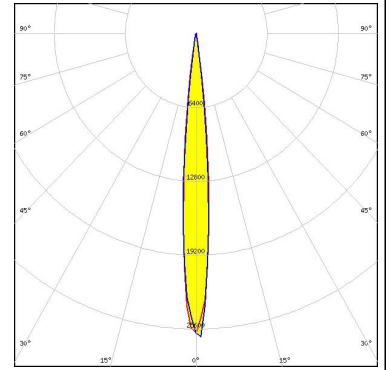
LED XP-E2
FWHM / FWTM 10.0° / 18.0°
Efficiency 93 %
Peak intensity 26.7 cd/lm
LEDs/each optic 1
Light colour Amber
Required components:



OPTICAL RESULTS (SIMULATED):

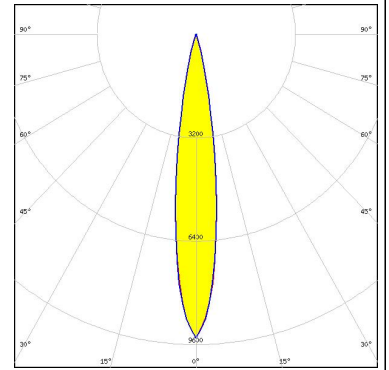
LED ENGIN

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



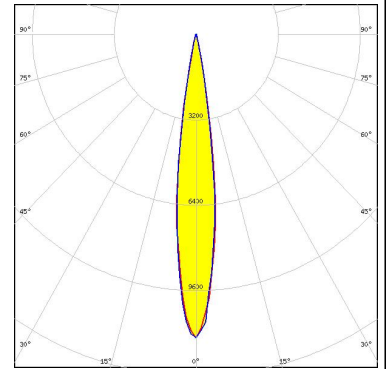
LUMILEDS

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



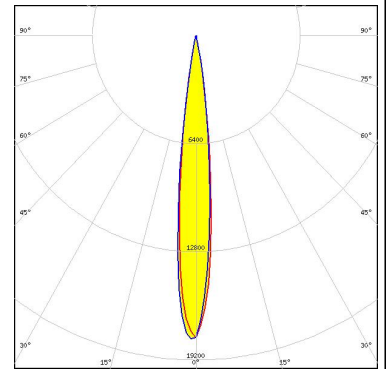
LUMILEDS

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



LUMILEDS

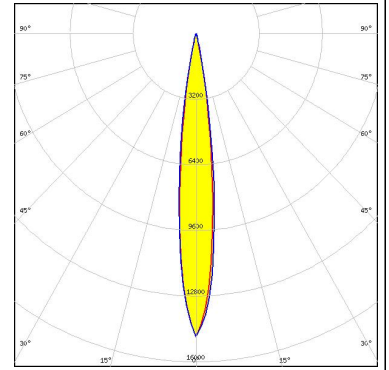
LED LUXEON Rubix
FWHM / FWTM 12.0° / 22.0°
Efficiency 94 %
Peak intensity 18 cd/Im
LEDs/each optic 4
Light colour RGBW
Required components:



OPTICAL RESULTS (SIMULATED):

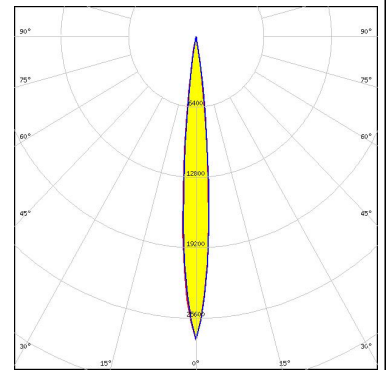
OSRAM Opto Semiconductors

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 RGBW
Required components:



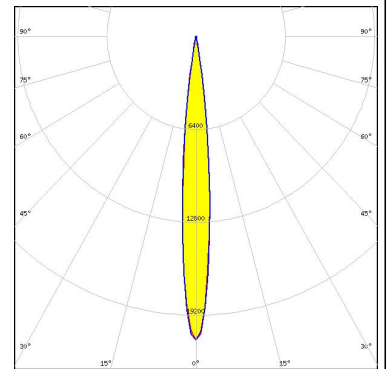
OSRAM Opto Semiconductors

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 White
Required components:



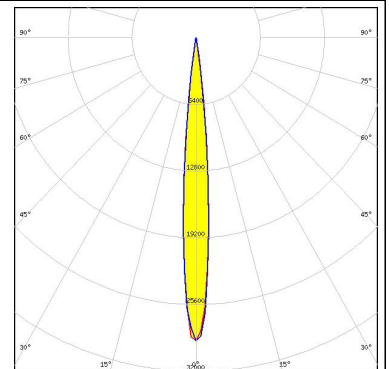
OSRAM Opto Semiconductors

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



OSRAM Opto Semiconductors

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

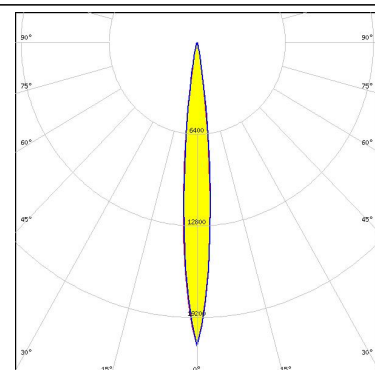
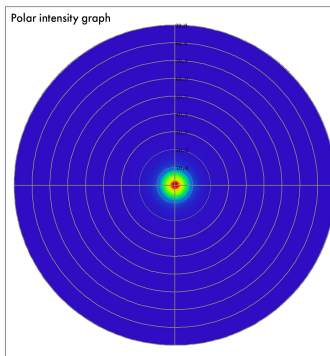


OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4717AS
FWHM / FWTM 10.0° / 20.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:

Polar intensity graph



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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