

OLGA-RS

~9° spot beam beam. Optimized for high-power 3535 size LED packages. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

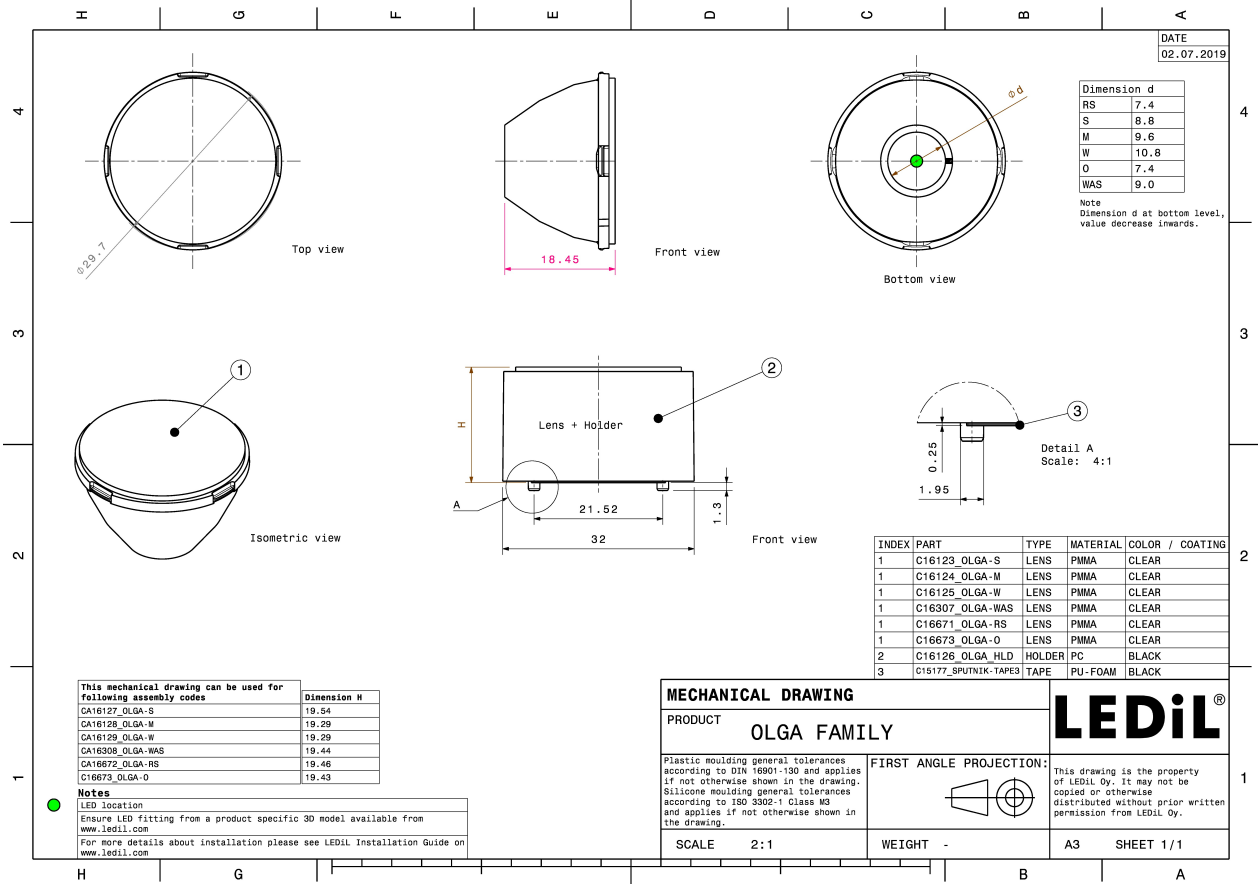


MATERIALS:

Component	Type	Material	Colour	Finish
OLGA-RS	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	


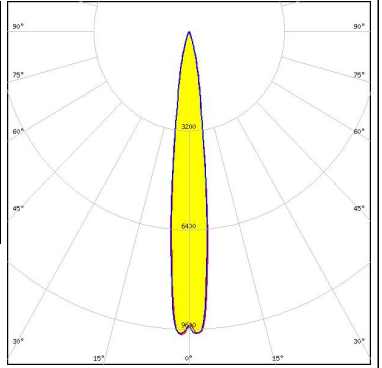
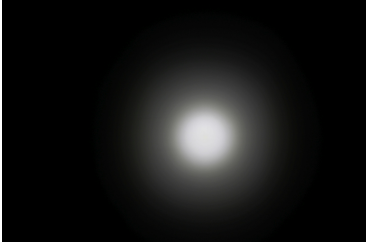
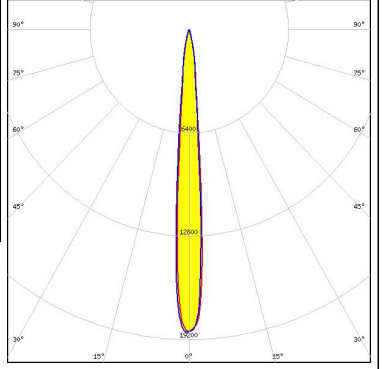

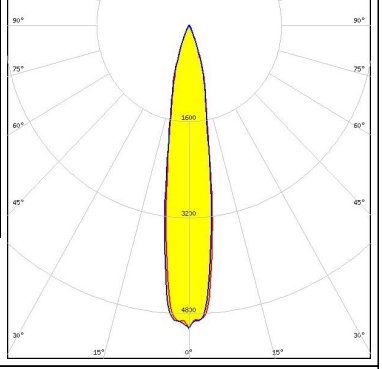
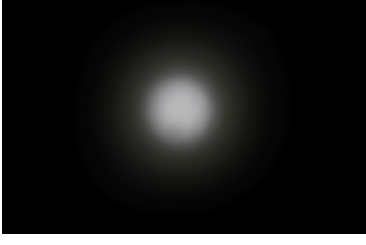
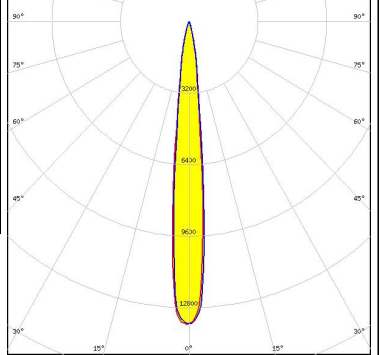
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16672_OLGA-RS	Single lens	792	132	66	9.8
» Box size: 476 x 273 x 292 mm					



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

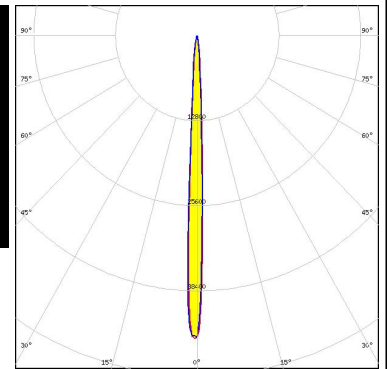
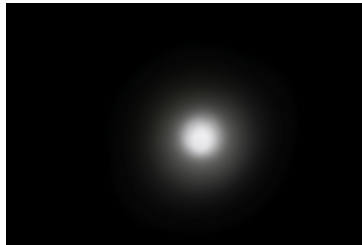
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XHP35 HD FWHM / FWTM 13.0° / 29.0° Efficiency 84 % Peak intensity 9.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XHP35 HI FWHM / FWTM 9.0° / 22.0° Efficiency 87 % Peak intensity 18.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XHP50.2 FWHM / FWTM 17.0° / 41.0° Efficiency 78 % Peak intensity 5.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XM-L3 FWHM / FWTM 11.0° / 25.0° Efficiency 86 % Peak intensity 13.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

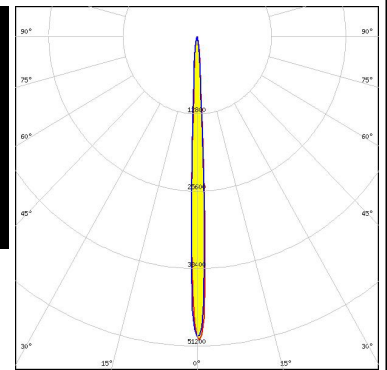
OPTICAL RESULTS (MEASURED):



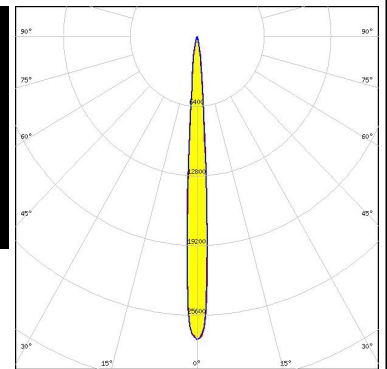
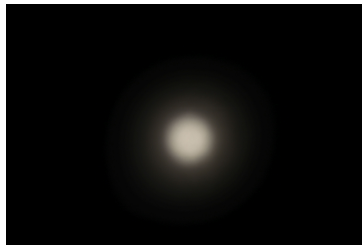
LED XP-E
 FWHM / FWTM 5.0° / 12.0°
 Efficiency 87 %
 Peak intensity 45.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



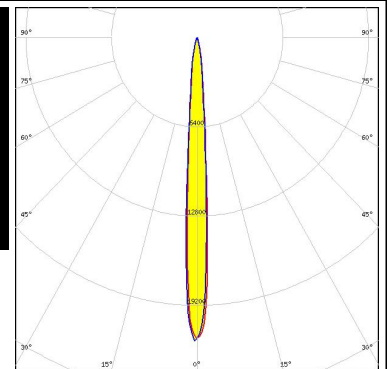
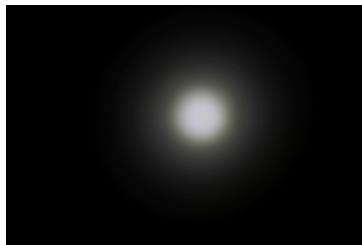
LED XP-E2
 FWHM / FWTM 4.9° / 11.6°
 Efficiency 86 %
 Peak intensity 50.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM / FWTM 7.0° / 17.0°
 Efficiency 86 %
 Peak intensity 28 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



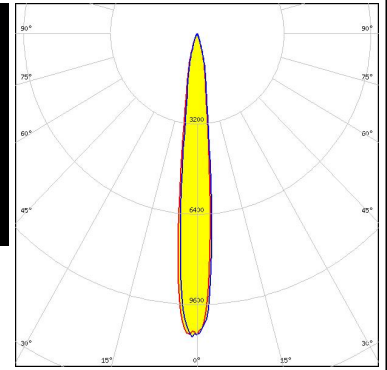
LED XP-G3
 FWHM / FWTM 8.0° / 20.0°
 Efficiency 85 %
 Peak intensity 21.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



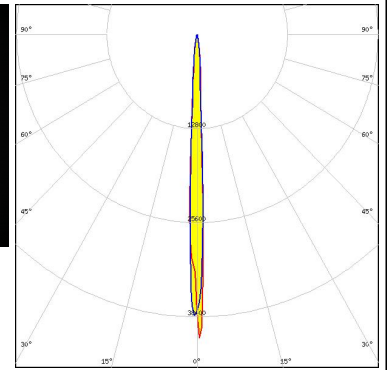
OPTICAL RESULTS (MEASURED):



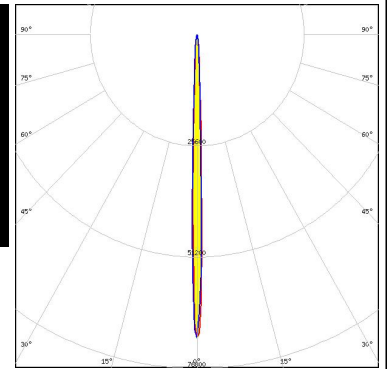
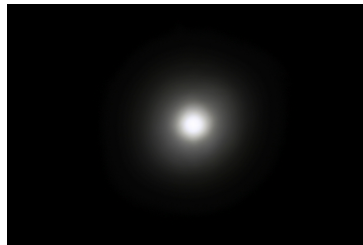
LED XP-L2
 FWHM / FWTM 12.0° / 29.0°
 Efficiency 83 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



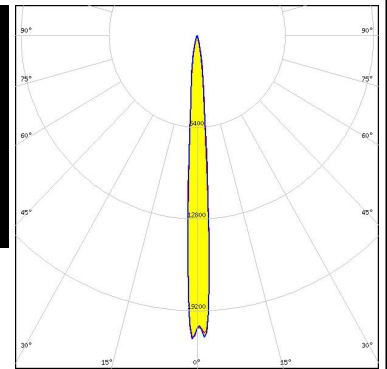
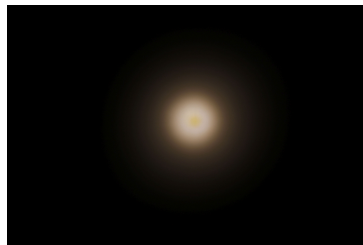
LED XQ-E HD
 FWHM / FWTM 5.0° / 13.0°
 Efficiency 79 %
 Peak intensity 42 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HI
 FWHM / FWTM 3.0° / 9.0°
 Efficiency 84 %
 Peak intensity 70 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



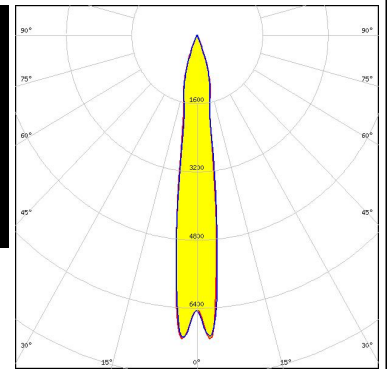
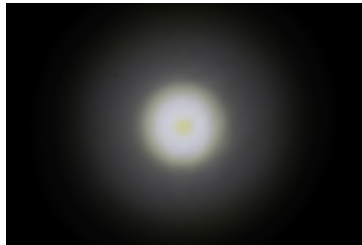
LED XT-E
 FWHM / FWTM 8.0° / 19.0°
 Efficiency 83 %
 Peak intensity 21.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

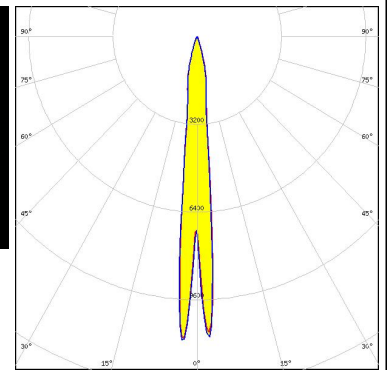
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM / FWTM 14.0° / 38.0°
 Efficiency 86 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



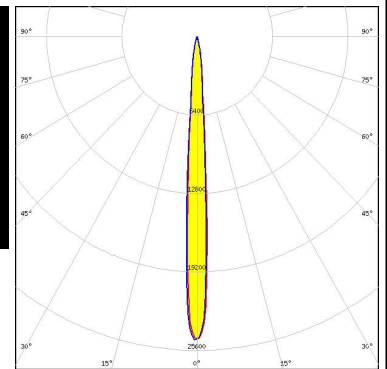
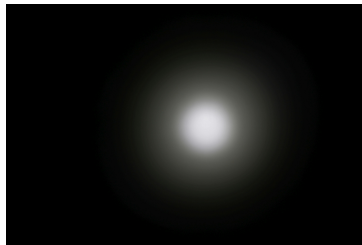
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 11.0° / 30.0°
 Efficiency 85 %
 Peak intensity 11.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



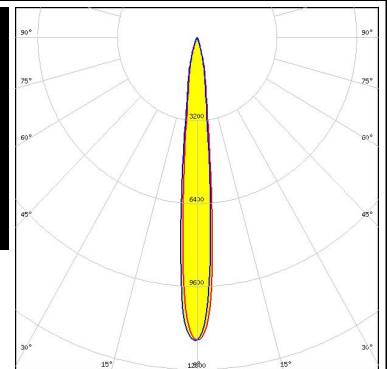
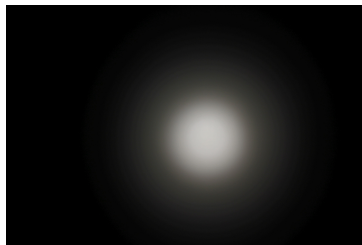
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 7.0° / 18.0°
 Efficiency 86 %
 Peak intensity 24.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



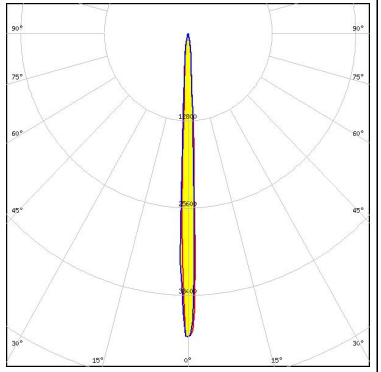


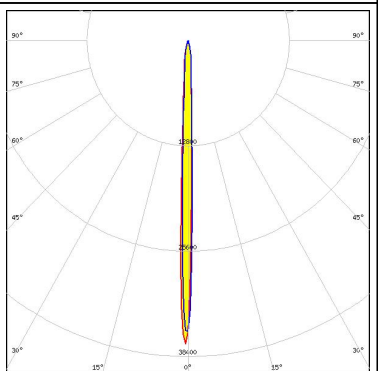


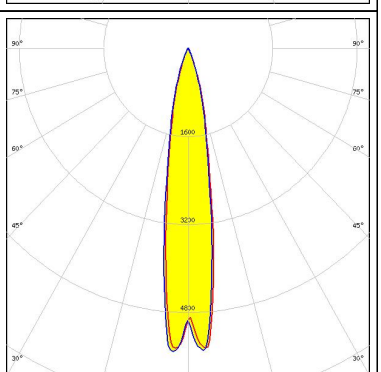


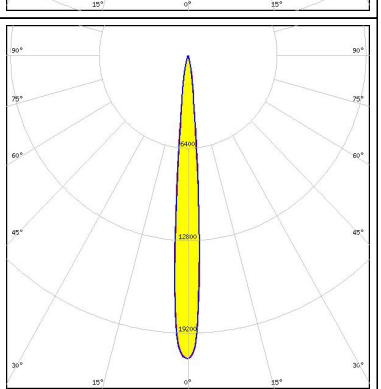


LUMILEDS

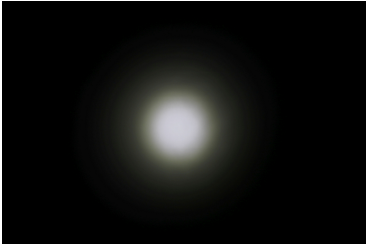
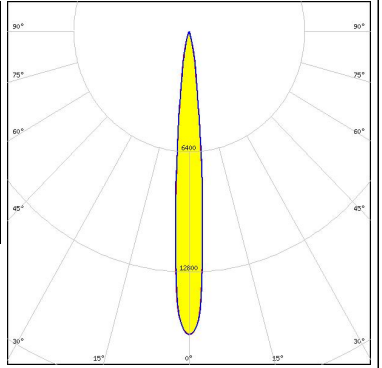

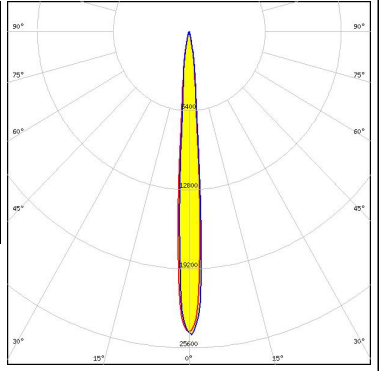

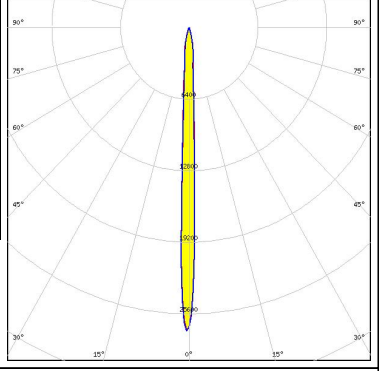
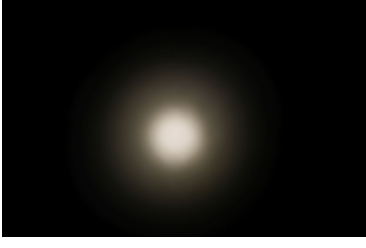
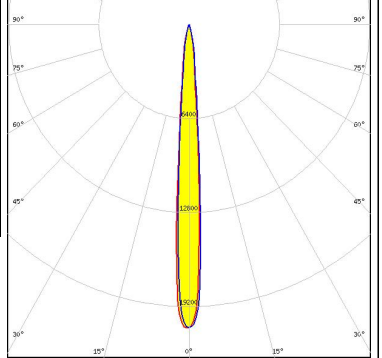
LED LUXEON V
 FWHM / FWTM 11.0° / 28.0°
 Efficiency 84 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

	<p>LED LUXEON Z ES</p> <p>FWHM / FWTM 5.0° / 12.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 44.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
	<p>LED NCSxE17A</p> <p>FWHM / FWTM 4.0° / 13.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 37.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
	<p>LED NV4x144A</p> <p>FWHM / FWTM 18.0° / 39.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 5.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
	<p>LED NVSW219D</p> <p>FWHM / FWTM 9.0° / 19.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 21 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

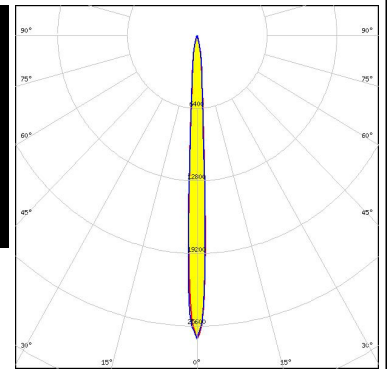
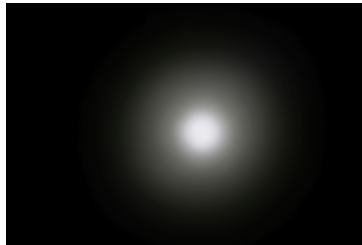
<p>NICHIA</p> <p>LED NVSW319B FWHM / FWTM 10.0° / 23.0° Efficiency 87 % Peak intensity 16.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW719AC FWHM / FWTM 8.0° / 19.0° Efficiency 91 % Peak intensity 24.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 5.0° / 16.0° Efficiency 84 % Peak intensity 27.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 8.0° / 20.0° Efficiency 85 % Peak intensity 20.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

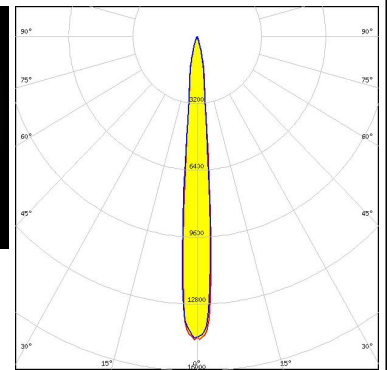
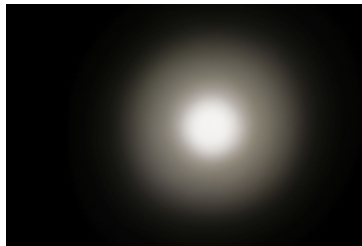
LED OSCONIQ P 3737 (2W version)
 FWHM / FWTM 6.0° / 17.0°
 Efficiency 86 %
 Peak intensity 26.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

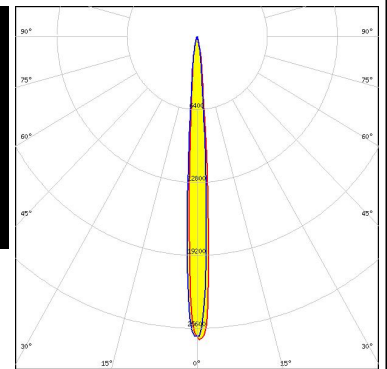
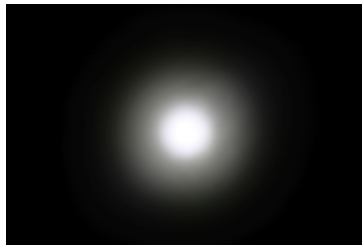
LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM 10.0° / 25.0°
 Efficiency 85 %
 Peak intensity 14.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

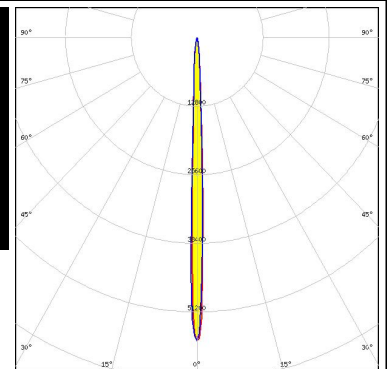
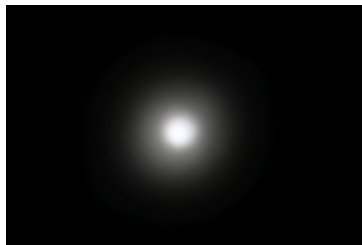
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 7.0° / 17.0°
 Efficiency 86 %
 Peak intensity 26.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

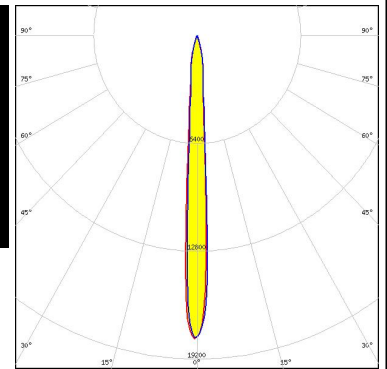
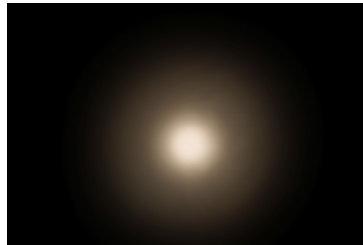
LED OSLOM SSL 150
 FWHM / FWTM 4.0° / 11.0°
 Efficiency 87 %
 Peak intensity 57 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

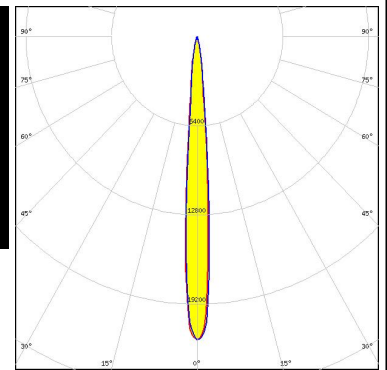
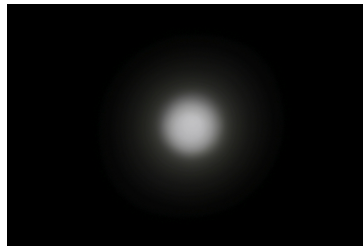
SAMSUNG

LED LH231B
 FWHM / FWTM 7.0° / 24.0°
 Efficiency 86 %
 Peak intensity 18 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



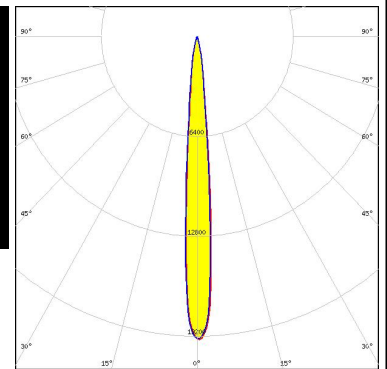
SAMSUNG

LED LH351B
 FWHM / FWTM 8.0° / 19.0°
 Efficiency 86 %
 Peak intensity 21.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



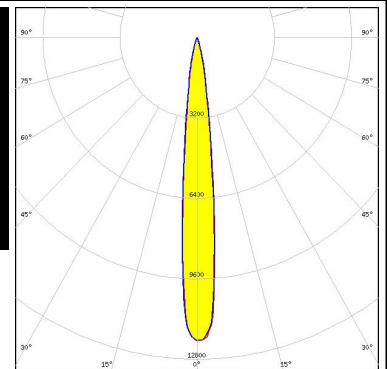
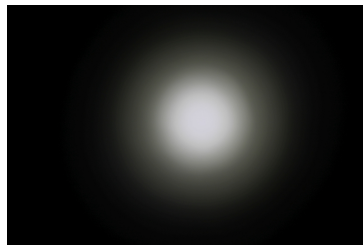
SAMSUNG

LED LH351C
 FWHM / FWTM 9.0° / 21.0°
 Efficiency 87 %
 Peak intensity 19.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

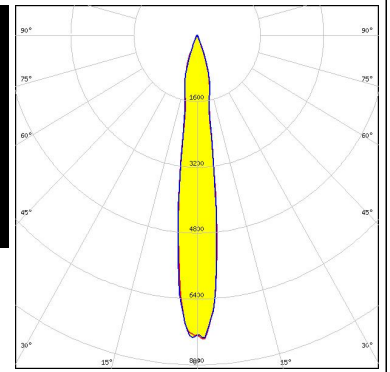
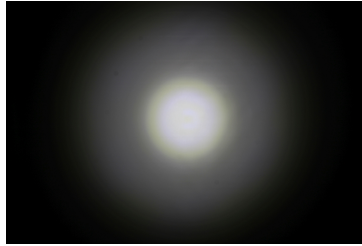
LED LH351D
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 86 %
 Peak intensity 12.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



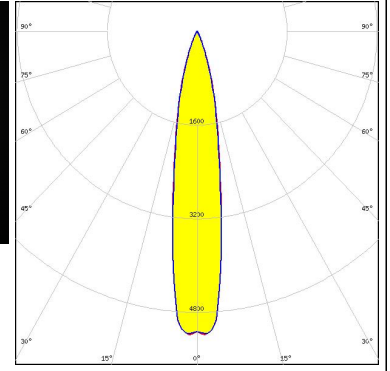
OPTICAL RESULTS (MEASURED):

SAMSUNG

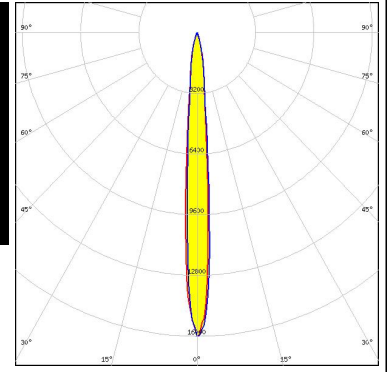
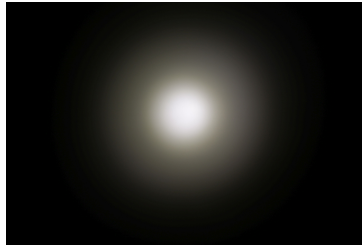
LED LH508A
 FWHM / FWTM 14.0° / 38.0°
 Efficiency 86 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




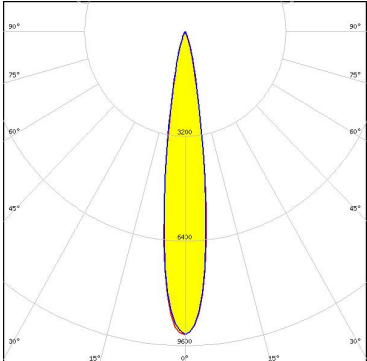

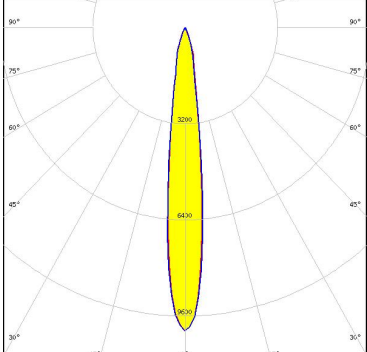

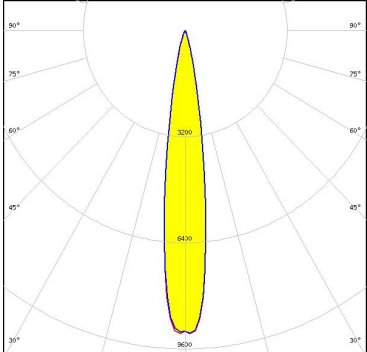

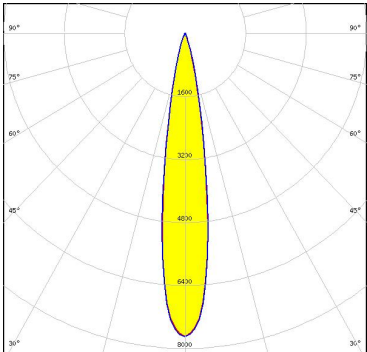
SEOUL SEMICONDUCTOR
 LED WICOP 5050
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 87 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M3
 FWHM / FWTM 9.0° / 23.0°
 Efficiency 83 %
 Peak intensity 16 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



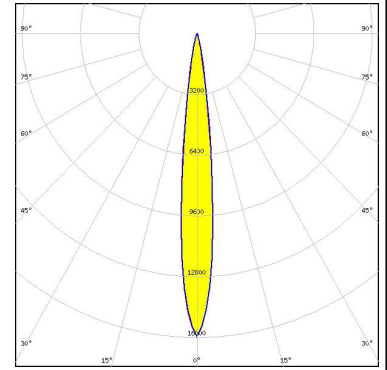
OPTICAL RESULTS (SIMULATED):

<p> LED V4 HD Gen 7</p> <p>FWHM / FWTM 16.0° / 31.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 9.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED J Series 5050 Round LES</p> <p>FWHM / FWTM 14.0° / 33.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 10.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED XHP35.2 HD</p> <p>FWHM / FWTM 16.0° / 30.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 9.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED XHP50.3 HD</p> <p>FWHM / FWTM 16.0 + 18.0° / 32.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 7.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

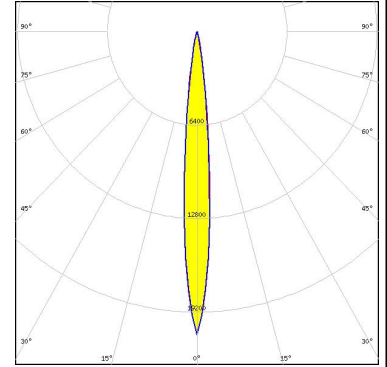
OPTICAL RESULTS (SIMULATED):



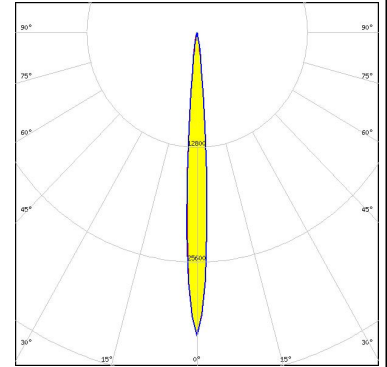
LED XM-L
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 94 %
 Peak intensity 16 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



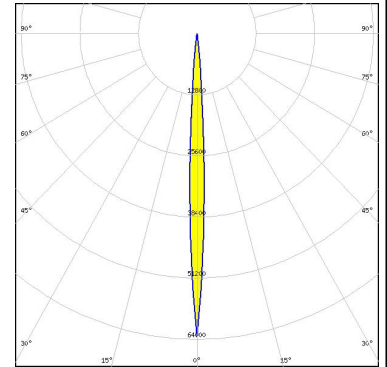
LED XP-G2 HE
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 93 %
 Peak intensity 20.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-L HI
 FWHM / FWTM 8.0° / 15.0°
 Efficiency 92 %
 Peak intensity 33 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



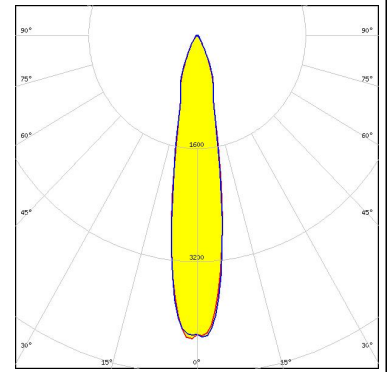
LED XP-P
 FWHM / FWTM 6.0° / 12.0°
 Efficiency 96 %
 Peak intensity 63.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

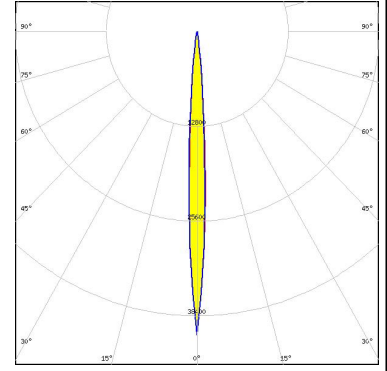
LUMILEDS

LED LUXEON 7070
 FWHM / FWTM 19.0° / 49.0°
 Efficiency 95 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



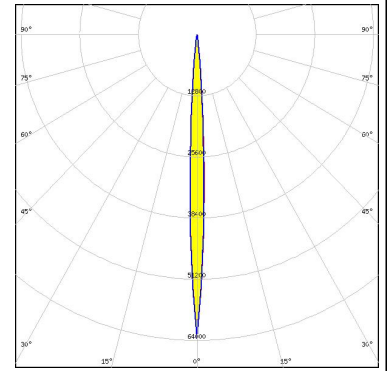
LUMILEDS

LED LUXEON C
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 89 %
 Peak intensity 41 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



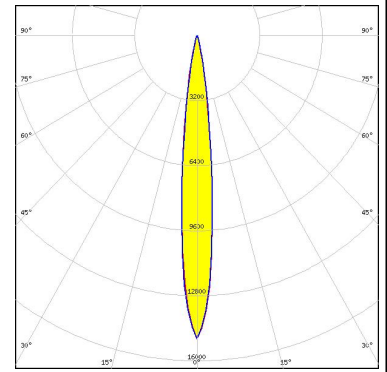
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 6.0° / 12.0°
 Efficiency 93 %
 Peak intensity 63.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMINUS

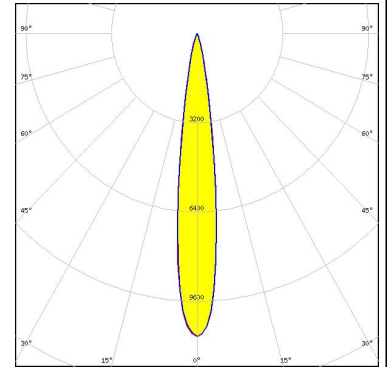
LED SST-40
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 93 %
 Peak intensity 14.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



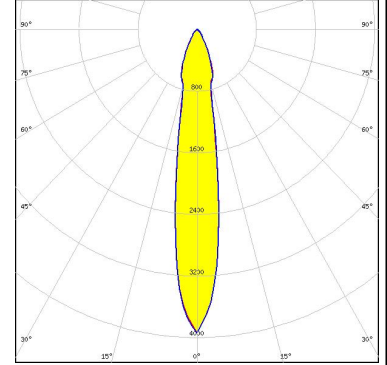
OPTICAL RESULTS (SIMULATED):



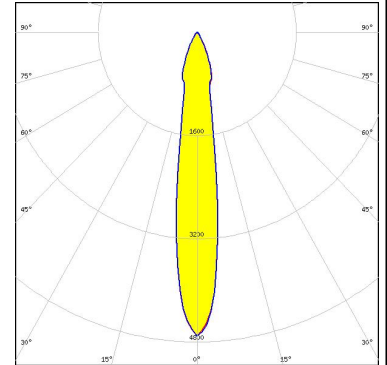
LED SST-70X-WCS
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 94 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



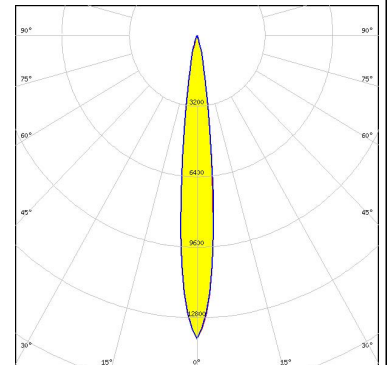
LED COB S-Type (LES 7)
 FWHM / FWTM 16.0° / 52.0°
 Efficiency 84 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



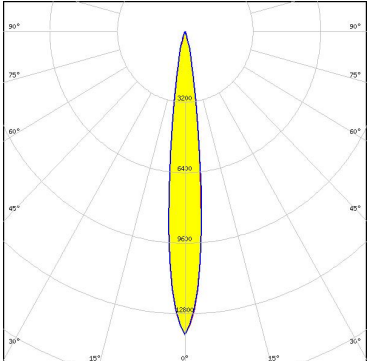
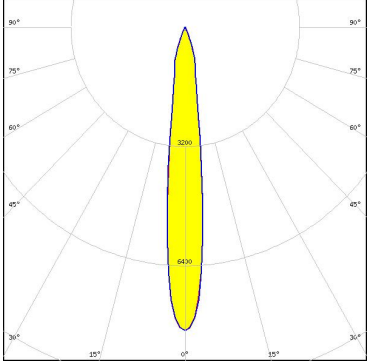
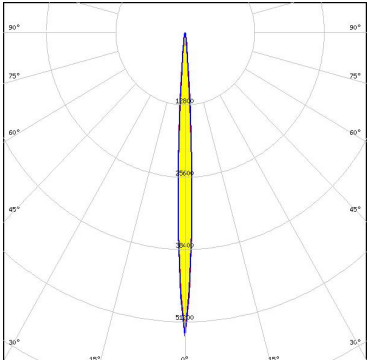
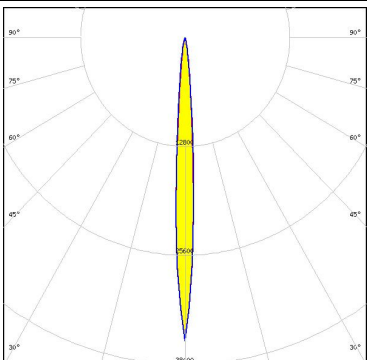
LED COB T-Type
 FWHM / FWTM 16.0° / 48.0°
 Efficiency 86 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NV4WB35AM
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 94 %
 Peak intensity 13.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 12.0° / 26.0° Efficiency: 93 % Peak intensity: 13.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLO PURE 1010 FWHM / FWTM: 14.0° / 36.0° Efficiency: 88 % Peak intensity: 8.1 cd/lm LEDs/each optic: 9 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4170S FWHM / FWTM: 6.0° / 12.0° Efficiency: 82 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4715AS FWHM / FWTM: 7.0° / 16.0° Efficiency: 92 % LEDs/each optic: 1 Light colour: IR Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	SFH 4716AS
FWHM / FWTM	6.0° / 14.0°
Efficiency	93 %
LEDs/each optic	1
Light colour	IR
Required components:	

