

EMILY-RS

~8° spot beam. 14.74 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
EMILY-RS	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13546_EMILY-RS	Single lens	1690	260	130	10.3
» Box size: 480 x 280 x 300 mm					



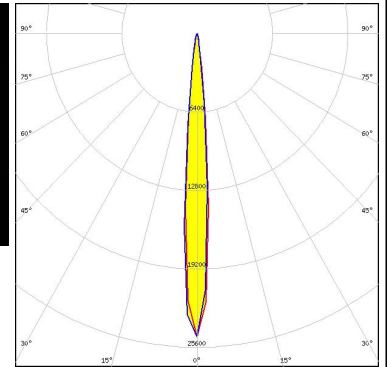


See also our general installation guide: www.ledil.com/installation_guide

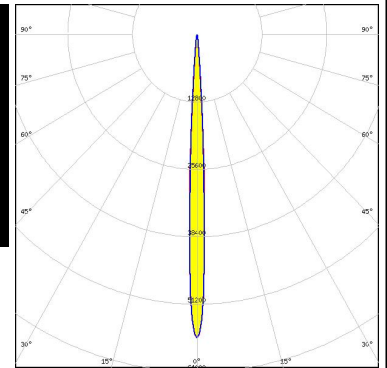
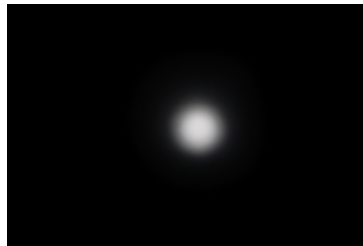
OPTICAL RESULTS (MEASURED):



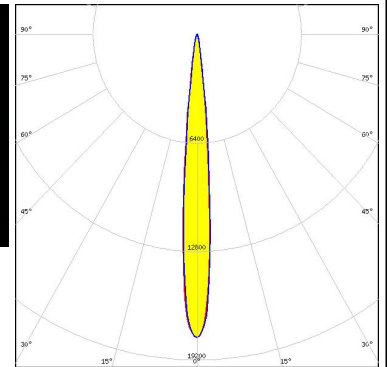
LED XB-H
 FWHM / FWTM 9.0° / 17.0°
 Efficiency 88 %
 Peak intensity 24.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



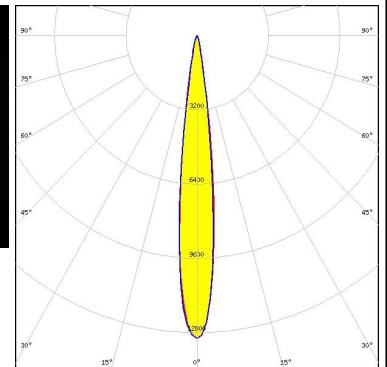
LED XP-E2
 FWHM / FWTM 6.0° / 11.0°
 Efficiency 96 %
 Peak intensity 57.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




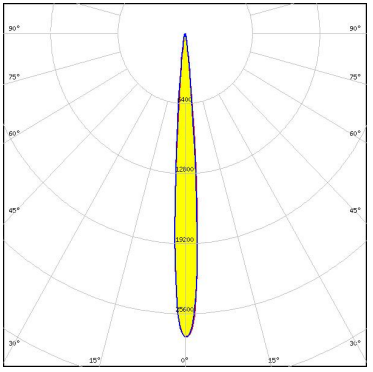

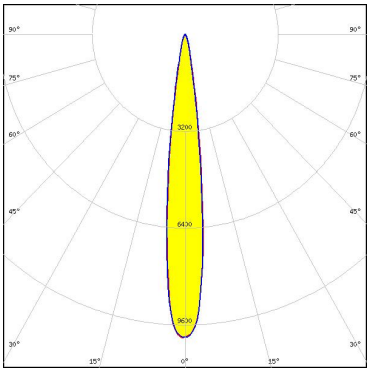

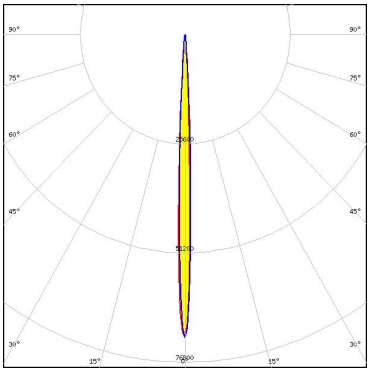

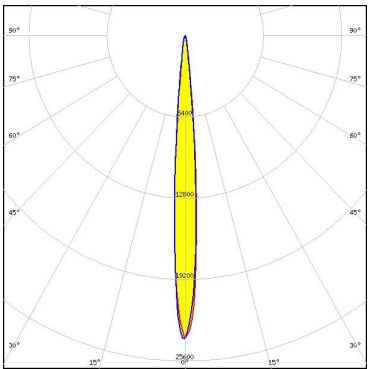
LED XP-G3
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 94 %
 Peak intensity 18 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-L HD
 FWHM / FWTM 13.0° / 23.0°
 Efficiency 89 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



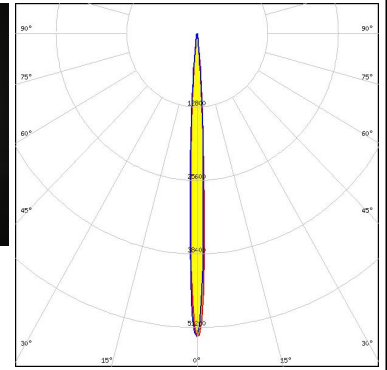
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XP-L HI FWHM / FWTM 8.0° / 15.0° Efficiency 88 % Peak intensity 28 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-L2 FWHM / FWTM 13.0° / 25.0° Efficiency 93 % Peak intensity 10 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XQ-E HI FWHM / FWTM 4.0° / 9.0° Efficiency 94 % Peak intensity 71.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XT-E FWHM / FWTM 8.0° / 16.0° Efficiency 91 % Peak intensity 23.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

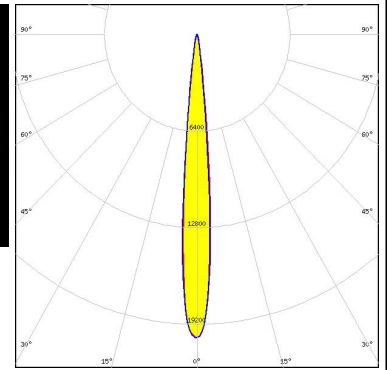
LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 5.0° / 11.0°
 Efficiency 91 %
 Peak intensity 52 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



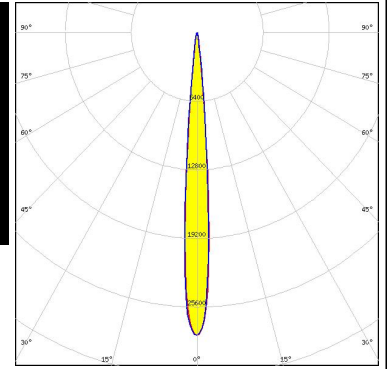
NICHIA

LED NVSW219D
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 94 %
 Peak intensity 20.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

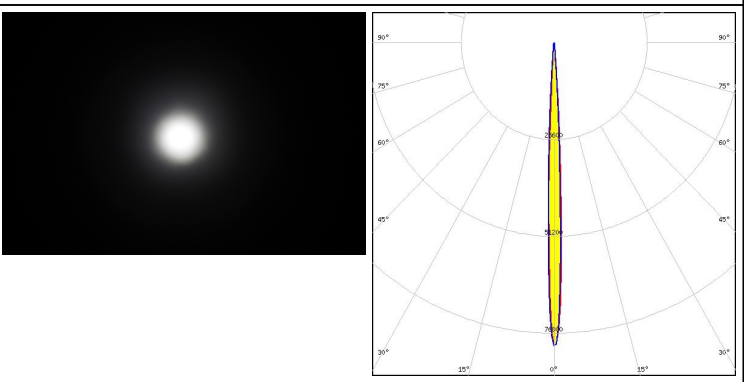
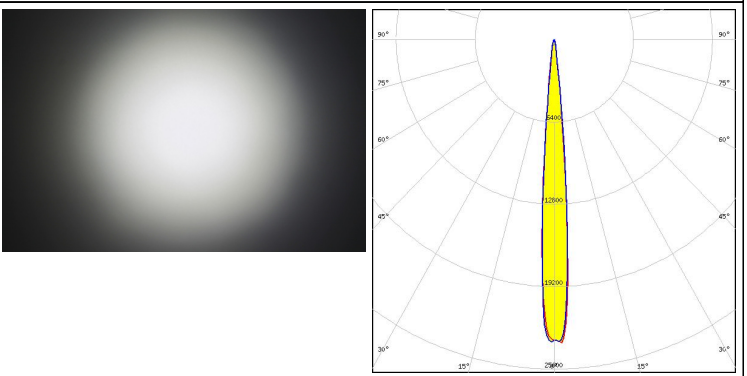
LED NVSW719AC
 FWHM / FWTM 9.0° / 15.0°
 Efficiency 95 %
 Peak intensity 28.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors
 LED OSLOM Square EC
 FWHM / FWTM 8.0° / 15.0°
 Efficiency 90 %
 Peak intensity 29.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

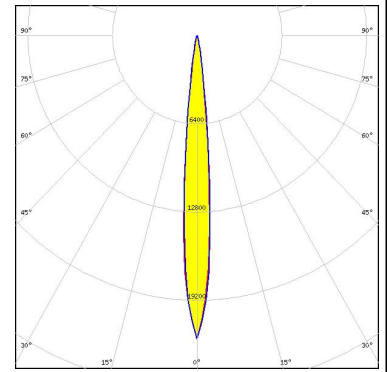
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED PLPVEC2 850A FWHM / FWTM 4.0° / 11.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED nPola FWHM / FWTM 5.0° Efficiency 94 % Peak intensity 81.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM / FWTM 9.0° / 15.0° Efficiency 91 % Peak intensity 23.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

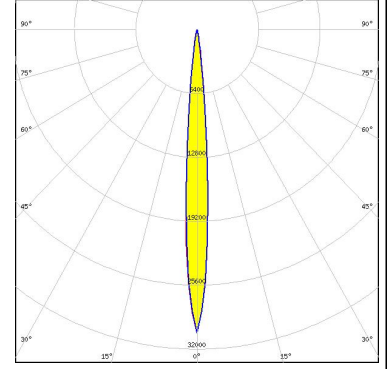
OPTICAL RESULTS (SIMULATED):



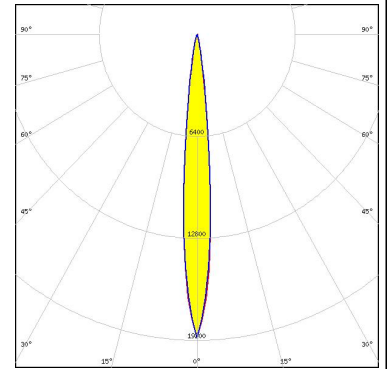
LED XHP35 HI
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 96 %
 Peak intensity 22 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



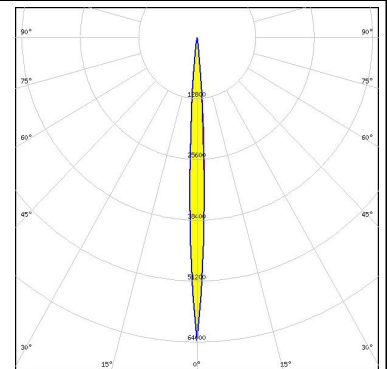
LED XP-G2
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 94 %
 Peak intensity 30.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2 HE
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 95 %
 Peak intensity 19.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-P
 FWHM / FWTM 6.0° / 12.0°
 Efficiency 96 %
 Peak intensity 63.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



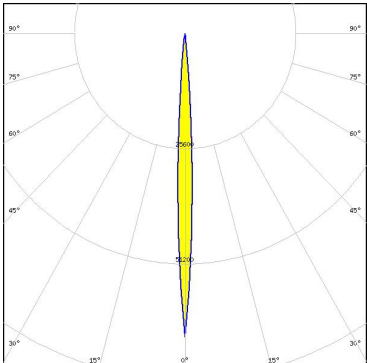
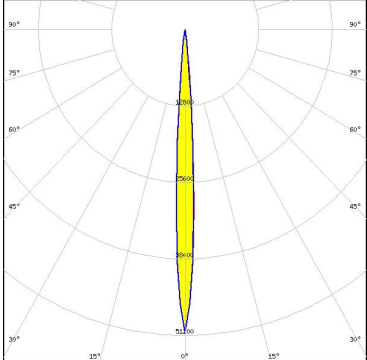
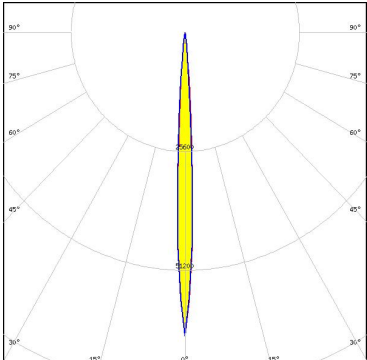
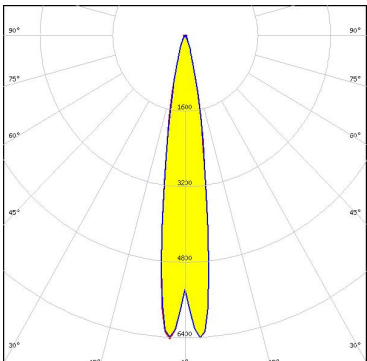
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON C FWHM / FWTM: 7.0° / 16.0° Efficiency: 94 % Peak intensity: 37.3 cd/lm LEDs/each optic: 1 Light colour: Royal Blue Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON HL2Z FWHM / FWTM: 8.0° / 18.0° Efficiency: 96 % Peak intensity: 27.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON MZ FWHM / FWTM: 14.0° / 26.0° Efficiency: 95 % Peak intensity: 10.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rebel FWHM / FWTM: 6.0° / 14.0° Efficiency: 94 % Peak intensity: 41.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

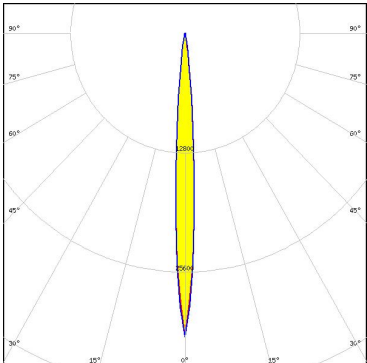
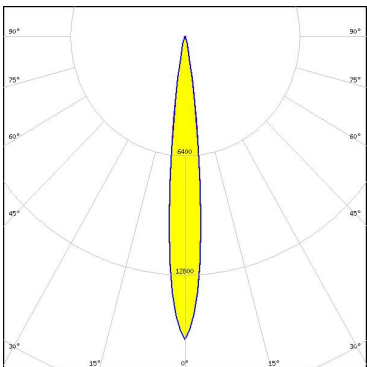
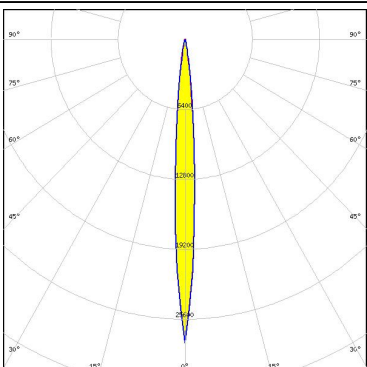
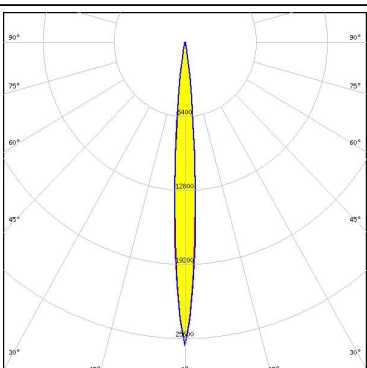
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON Rebel Plus</p> <p>FWHM / FWTM: 6.0° / 14.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 42.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 6.0° / 12.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 63.9 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Blue</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 6.0° / 12.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 64.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Green</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 6.0° / 12.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 62.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 6.0° / 12.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 67.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Red</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON SunPlus 20 Line (120 deg)</p> <p>FWHM / FWTM: 6.0° / 13.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 50.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Z</p> <p>FWHM / FWTM: 5.9° / 12.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 65.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxE17A</p> <p>FWHM / FWTM: 6.0° / 16.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 35.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 8.0° / 16.0° Efficiency: 92 % Peak intensity: 32.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSW3x9A FWHM / FWTM: 12.0° / 22.0° Efficiency: 95 % Peak intensity: 16.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 8.0° / 18.0° Efficiency: 94 % Peak intensity: 27.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 8.0° / 18.0° Efficiency: 93 % Peak intensity: 26.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 10.0° / 18.0° Efficiency 95 % Peak intensity 22.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (Single chip) FWHM / FWTM 8.0° / 18.0° Efficiency 96 % Peak intensity 25.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (Single chip) FWHM / FWTM 9.0° / 18.0° Efficiency 89 % Peak intensity 23.2 cd/lm LEDs/each optic 1 Light colour Purple Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ C 2424 FWHM / FWTM 8.0° / 16.0° Efficiency 96 % Peak intensity 36.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

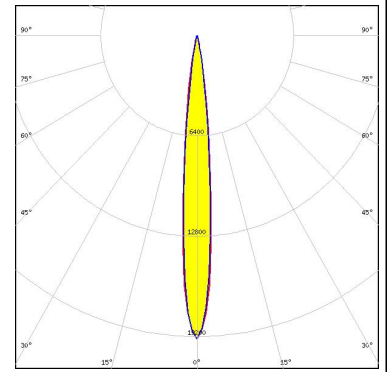
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030</p> <p>FWHM / FWTM 10.0° / 20.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 20.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Black</p> <p>FWHM / FWTM 11.0° / 20.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 19.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Black Flat (LUW HWQP)</p> <p>FWHM / FWTM 6.3° / 14.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 50.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON PURE 1010</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 29.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

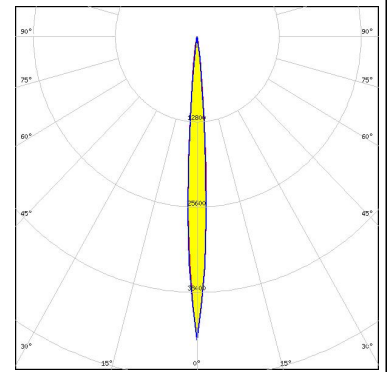
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 94 %
 Peak intensity 19.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

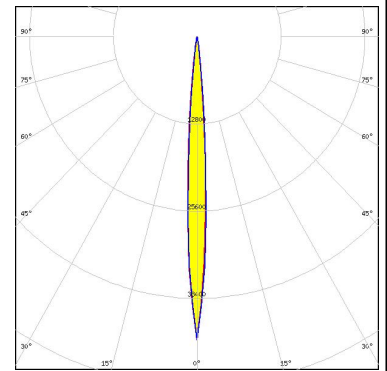
LED OSLOM SSL 120
 FWHM / FWTM 7.0° / 14.0°
 Efficiency 96 %
 Peak intensity 45.5 cd/lm
 LEDs/each optic 1
 Light colour Amber
 Required components:



OSRAM

Opto Semiconductors

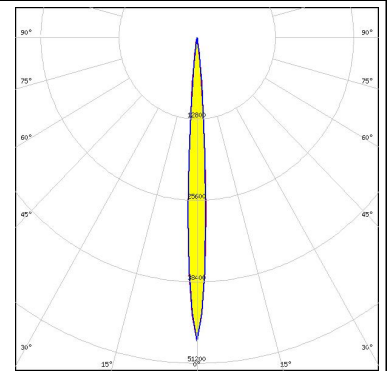
LED OSLOM SSL 150
 FWHM / FWTM 7.0° / 14.0°
 Efficiency 96 %
 Peak intensity 44.5 cd/lm
 LEDs/each optic 1
 Light colour Amber
 Required components:



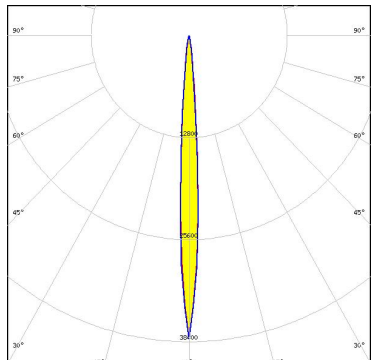
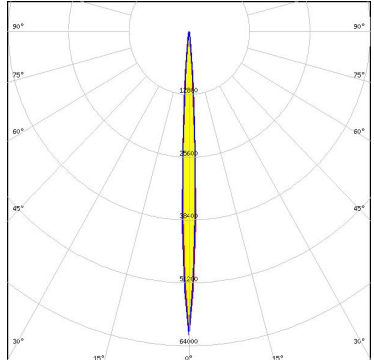
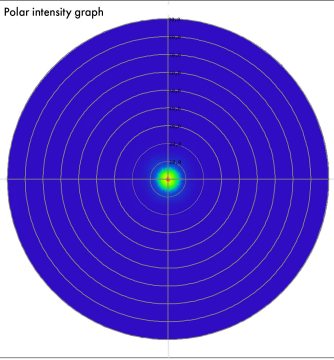
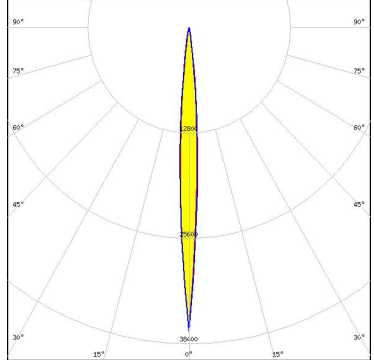
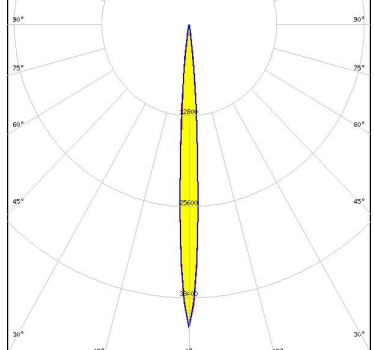
OSRAM

Opto Semiconductors

LED OSLOM SSL 150
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 96 %
 Peak intensity 47.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM SSL 80</p> <p>FWHM / FWMT: 7.0° / 14.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 38 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4170S</p> <p>FWHM / FWMT: 6.0° / 11.0°</p> <p>Efficiency: 87 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4715AS</p> <p>FWHM / FWMT: 6.0° / 16.0°</p> <p>Efficiency: 96 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>	<p>Polar intensity graph</p> 	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4716AS</p> <p>FWHM / FWMT: 8.0° / 14.0°</p> <p>Efficiency: 96 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):

