

LEILA-Y-O

~45° + 15° oval beam. 14.8 mm high assembly with holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

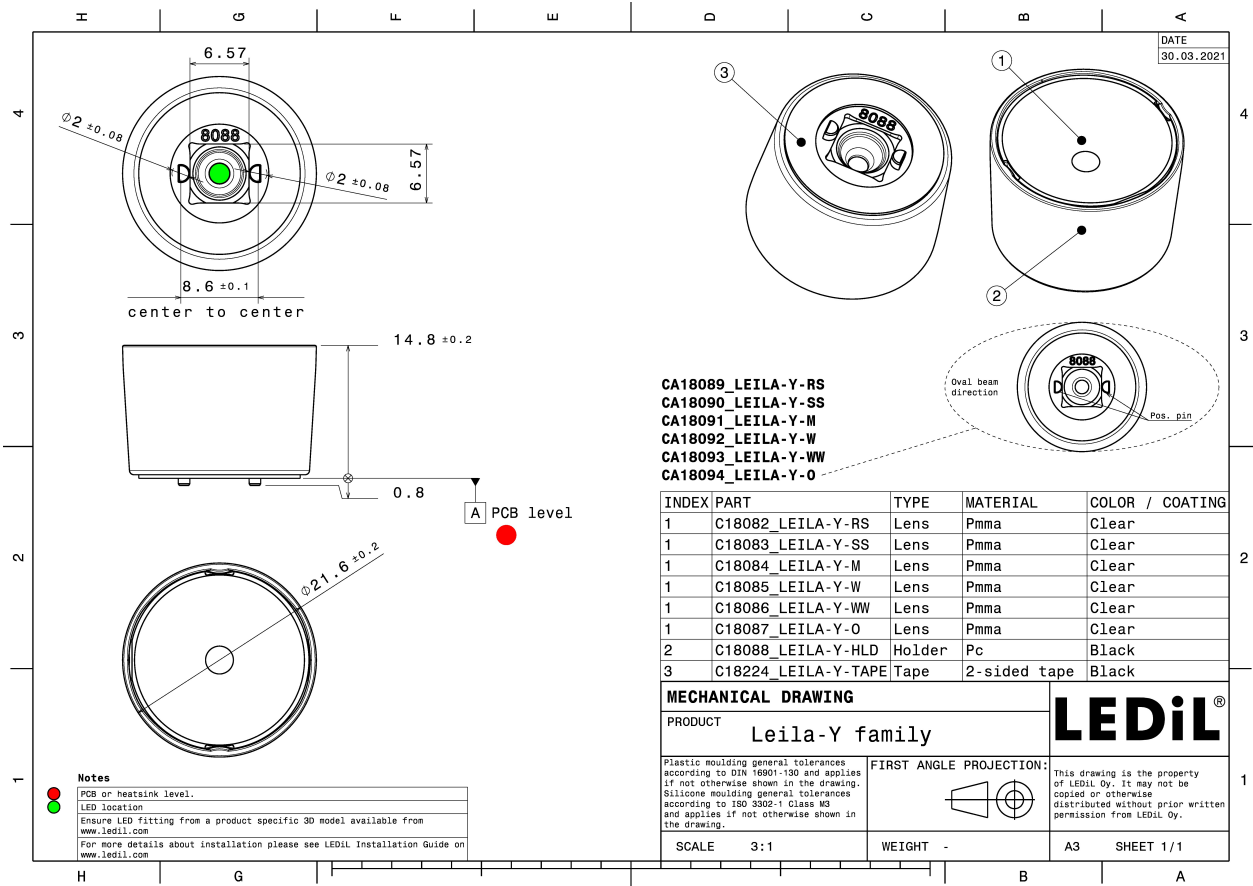


MATERIALS:

Component	Type	Material	Colour	Finish
LEILA-Y-O	Single lens	PMMA	clear	gloss
LEILA-Y-HLD	Holder	PC	black	gloss
LEILA-Y-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18094_LEILA-Y-O » Box size: 476 x 273 x 197 mm	1800	180	180	7.6

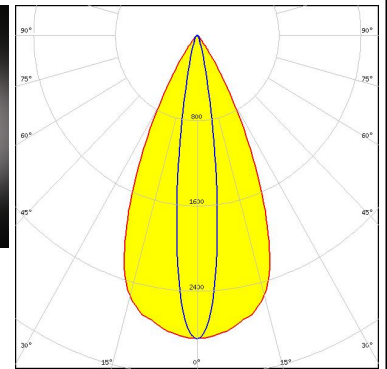
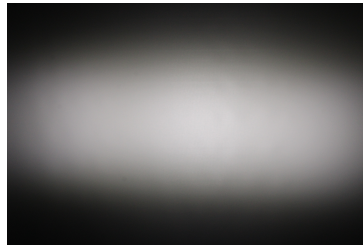


See also our general installation guide: www.ledil.com/installation_guide

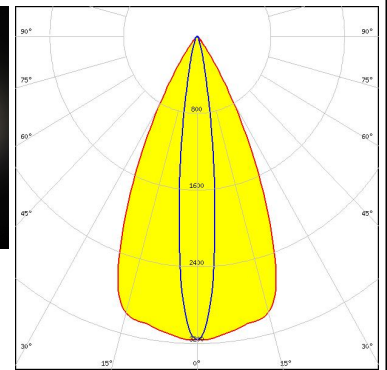
OPTICAL RESULTS (MEASURED):



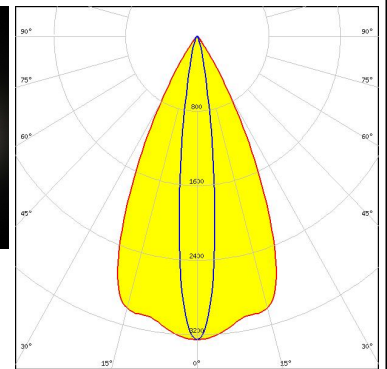
LED XHP35 HI
 FWHM / FWTM 49.0 + 16.0° / 70.0 + 31.0°
 Efficiency 80 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



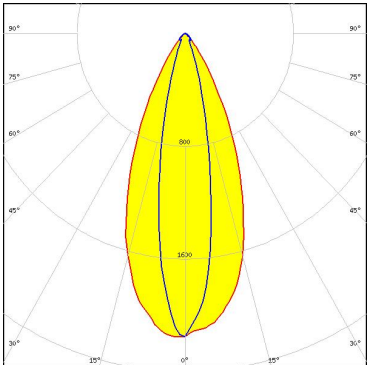
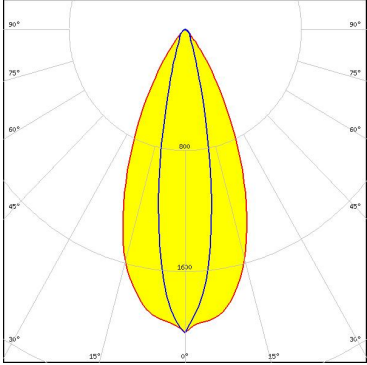
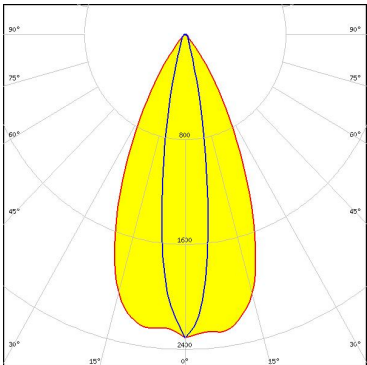
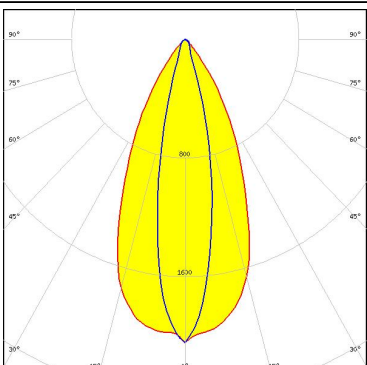
LED XP-G4
 FWHM / FWTM 50.0 + 14.0° / 69.0 + 29.0°
 Efficiency 81 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW719AC
 FWHM / FWTM 50.0 + 14.0° / 68.0 + 28.0°
 Efficiency 81 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



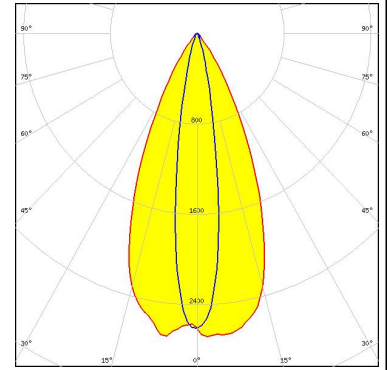
OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED J Series 5050 Round LES</p> <p>FWHM / FWTM 20.0 + 44.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CREE LEDs</p> <p>LED J Series 5050B 6V K Class</p> <p>FWHM / FWTM 46.0 + 20.0° / 74.0 + 42.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CREE LEDs</p> <p>LED XHP35.2 HI</p> <p>FWHM / FWTM 49.0 + 18.0° / 74.0 + 34.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CREE LEDs</p> <p>LED XM-L RGBW (XMLDCL HD)</p> <p>FWHM / FWTM 48.0 + 22.0° / 78.0 + 38.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>	

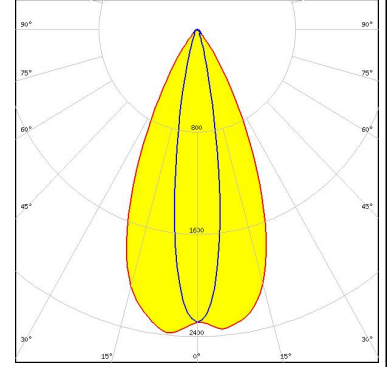
OPTICAL RESULTS (SIMULATED):



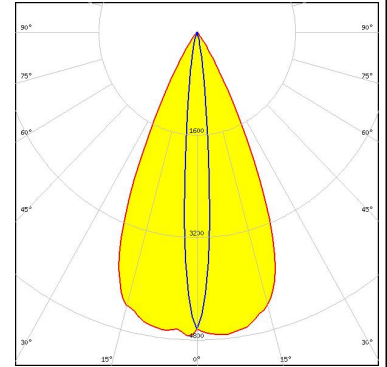
LED XM-L2
 FWHM / FWTM 17.0 + 47.0°
 Efficiency 81 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



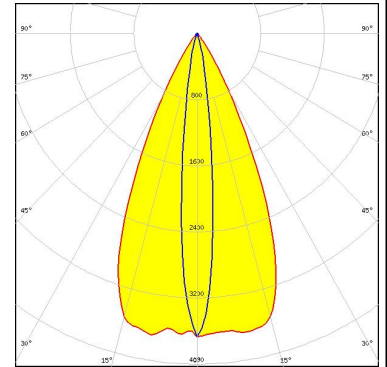
LED XM-L3
 FWHM / FWTM 17.0 + 48.0°
 Efficiency 76 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-E2
 FWHM / FWTM 10.0 + 49.0°
 Efficiency 85 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



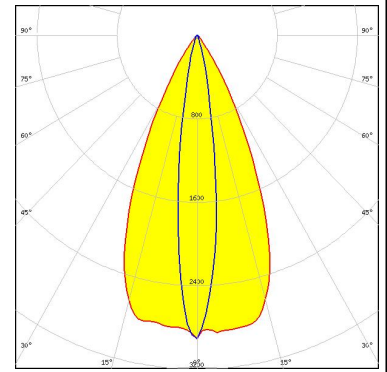
LED XP-G2
 FWHM / FWTM 13.0 + 49.0°
 Efficiency 84 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



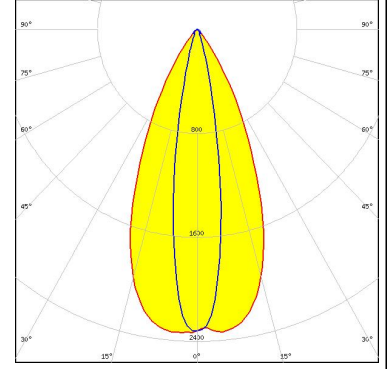
OPTICAL RESULTS (SIMULATED):



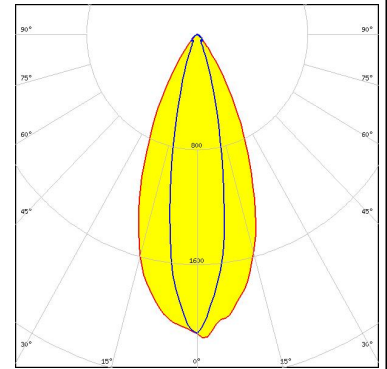
LED XP-G3
 FWHM / FWTM 15.0 + 48.0°
 Efficiency 80 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



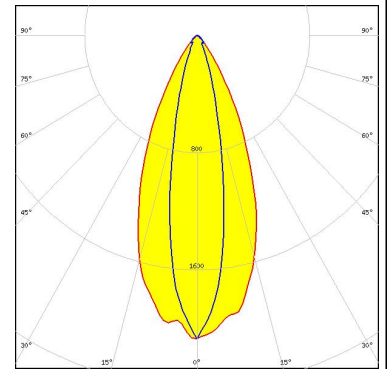
LED XP-L2
 FWHM / FWTM 18.0 + 47.0°
 Efficiency 77 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




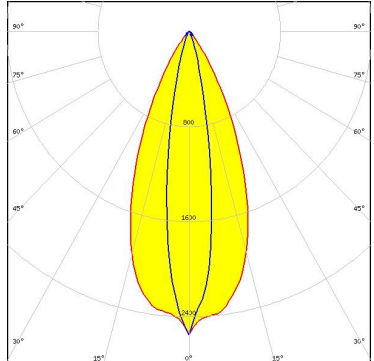

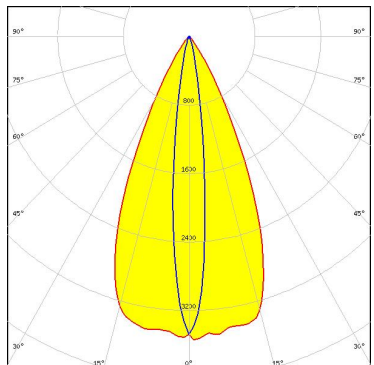

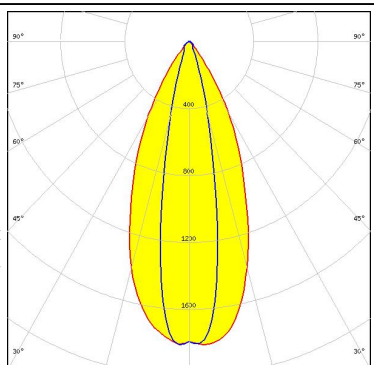

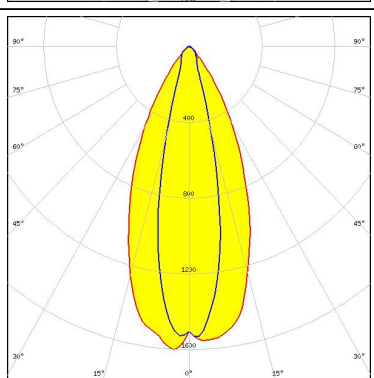
LED LUXEON 5050 Round LES
 FWHM / FWTM 21.0 + 44.0°
 Efficiency 78 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

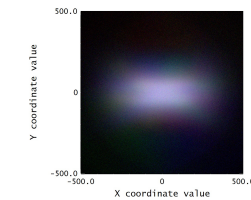


LED LUXEON 5050 Square LES
 FWHM / FWTM 21.0 + 44.0°
 Efficiency 78 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

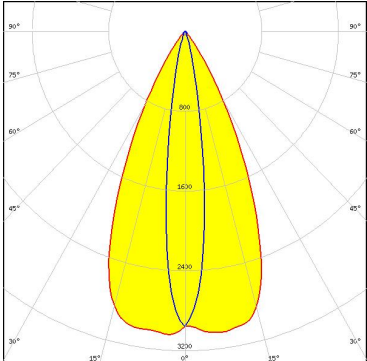
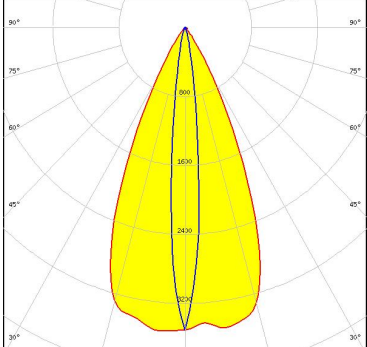
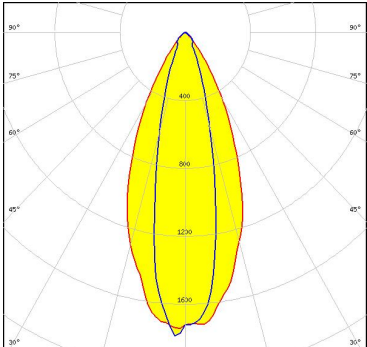
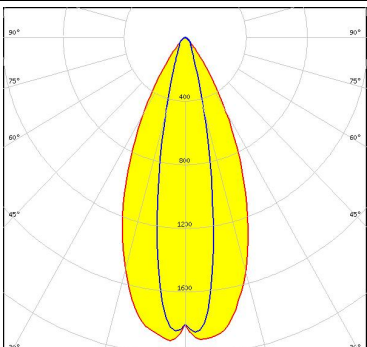
	<p>LED LUXEON MZ</p> <p>FWHM / FWTM 17.0 + 43.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED LUXEON TX</p> <p>FWHM / FWTM 13.0 + 48.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED NCSxE17A</p> <p>FWHM / FWTM 45.0 + 21.0° / 74.0 + 40.0°</p> <p>Efficiency 70 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>	
	<p>LED NV4x144A</p> <p>FWHM / FWTM 46.0 + 24.0° / 78.0 + 42.0°</p> <p>Efficiency 69 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	



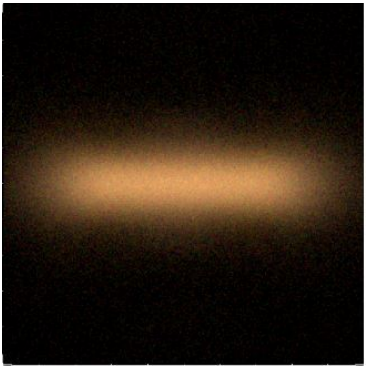
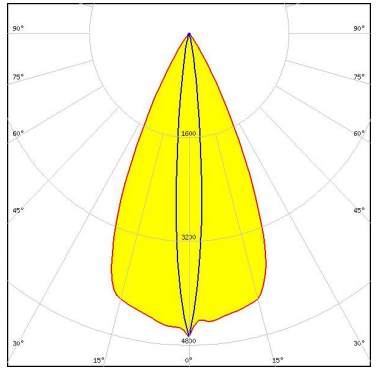
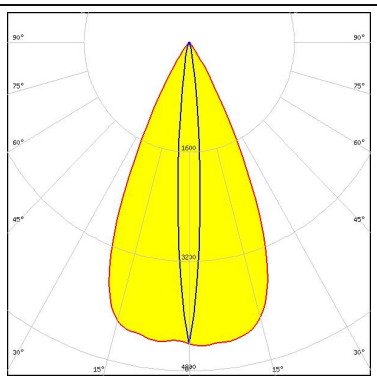
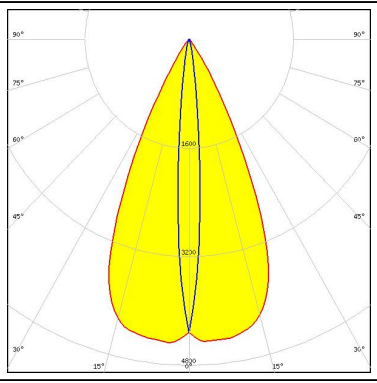
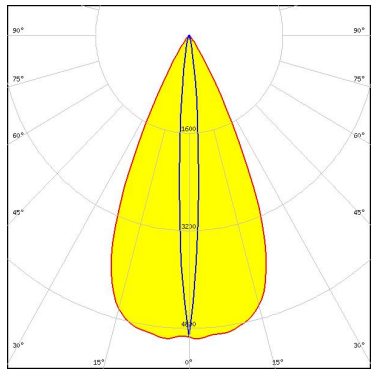
Detector Image: Illuminance

Zemax
Zemax OpticStudio 21.3
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Configuration 1 of 1

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 15.0 + 50.0° Efficiency: 83 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 48.0 + 11.0° / 66.0 + 24.0° Efficiency: 77 % Peak intensity: 3.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Duris S8 FWHM / FWTM: 24.0 + 44.0° Efficiency: 77 % Peak intensity: 1.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ S 5050 FWHM / FWTM: 47.0 + 22.0° / 76.0 + 43.0° Efficiency: 76 % Peak intensity: 1.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

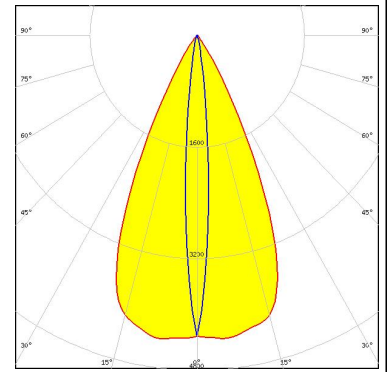
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLON SSL 150</p> <p>FWHM / FWTM: 10.0 + 49.0°</p> <p>Efficiency: 84 %</p> <p>Peak intensity: 4.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SYNIOS S2222</p> <p>FWHM / FWTM: 50.0 + 8.0° / 66.0 + 20.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 4.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Green</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SYNIOS S2222</p> <p>FWHM / FWTM: 50.0 + 9.0° / 67.0 + 20.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 4.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Blue</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SYNIOS S2222</p> <p>FWHM / FWTM: 50.0 + 8.0° / 66.0 + 20.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Yellow</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

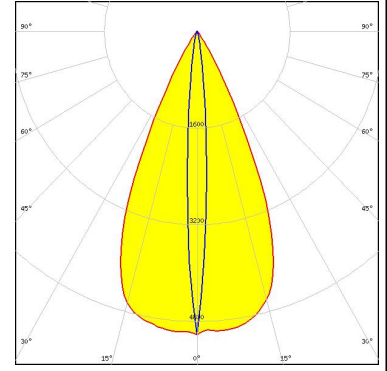
LED SYNIOS S2222
 FWHM / FWTM 50.0 + 10.0° / 67.0 + 20.0°
 Efficiency 82 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour Blue
 Required components:



OSRAM

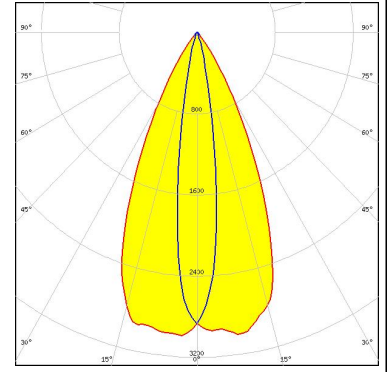
Opto Semiconductors

LED SYNIOS S2222
 FWHM / FWTM 48.0 + 8.0° / 65.0 + 20.0°
 Efficiency 83 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



SAMSUNG

LED LH351B
 FWHM / FWTM 15.0 + 49.0°
 Efficiency 81 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 48.0 + 16.0° / 72.0 + 30.0°
 Efficiency 81 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

