

TINA-Y-RS

~14° spot beam. Assembly with holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

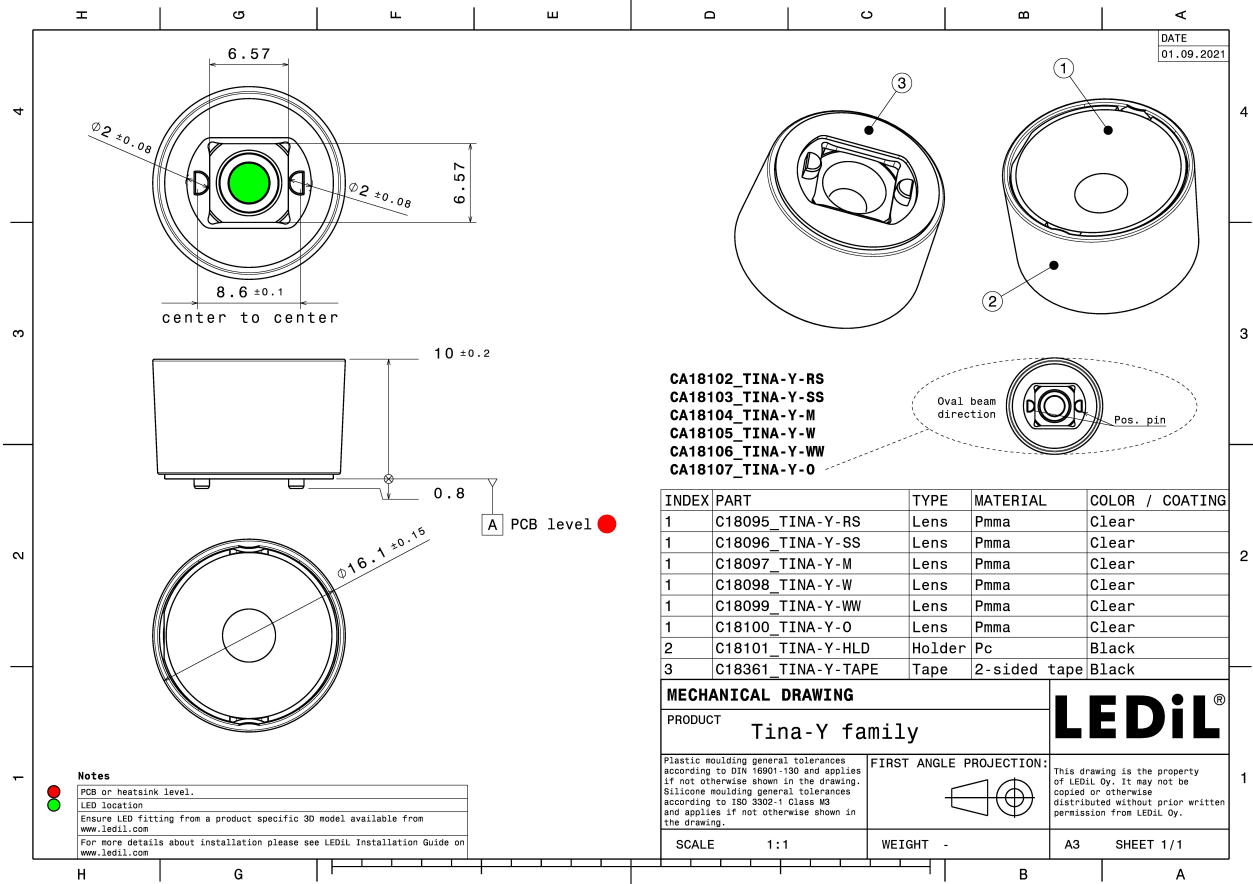
MATERIALS:

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

ORDERING INFORMATION:


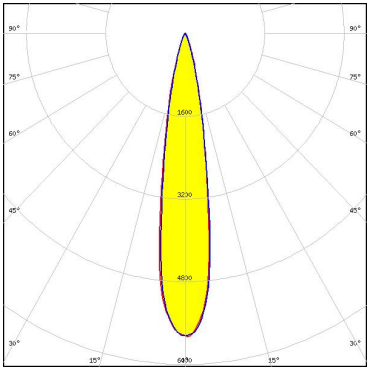

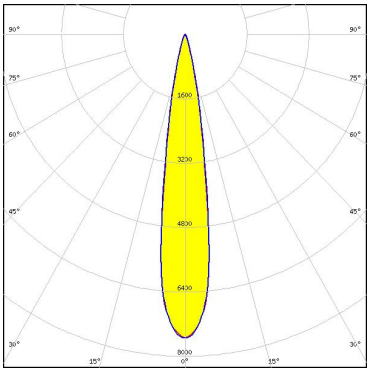

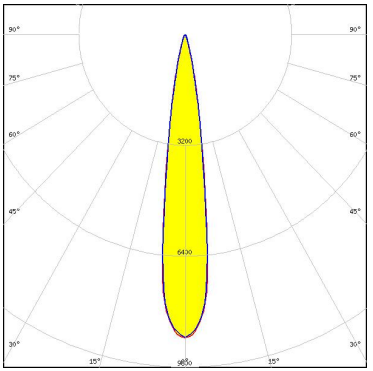

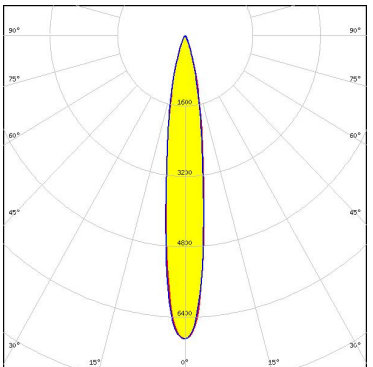
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18102_TINA-Y-RS » Box size: 476 x 273 x 197 mm	3900	300	300	5.6





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

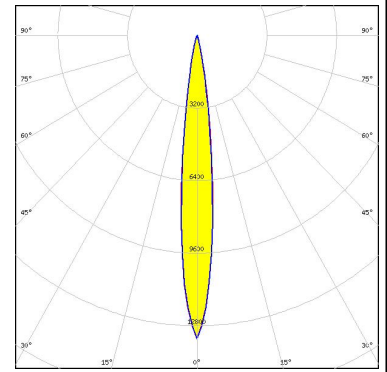
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XP-G3 FWHM / FWTM 18.0° / 35.0° Efficiency 81 % Peak intensity 5.9 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-G4 FWHM / FWTM 17.0° / 31.0° Efficiency 87 % Peak intensity 7.7 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW719AC FWHM / FWTM 16.0° / 29.0° Efficiency 88 % Peak intensity 8.8 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ C 3030 FWHM / FWTM 15.0° / 35.0° Efficiency 83 % Peak intensity 6.9 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

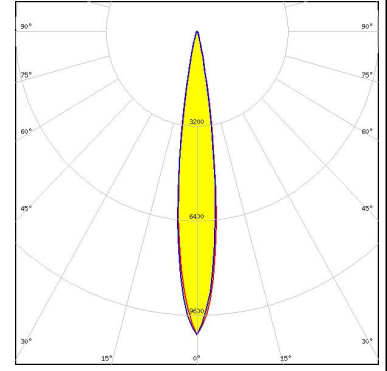
OPTICAL RESULTS (SIMULATED):



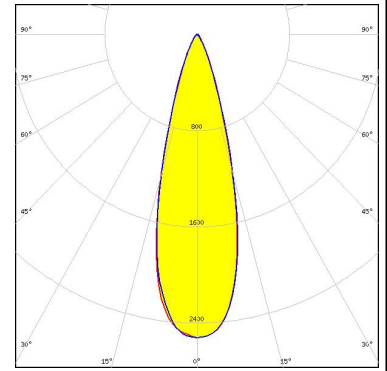
LED XD16 Premium
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 86 %
 Peak intensity 13.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



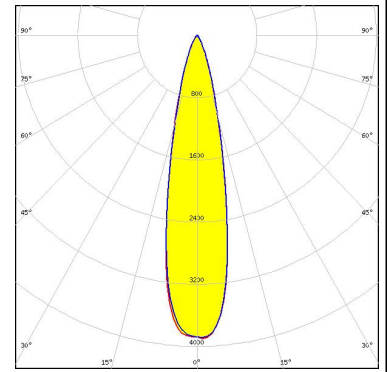
LED XE-G
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 87 %
 Peak intensity 10.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP35.2 HD
 FWHM / FWTM 30.0° / 52.0°
 Efficiency 76 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




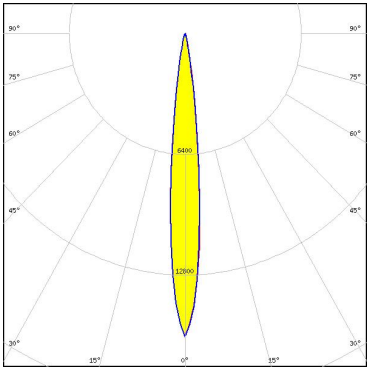

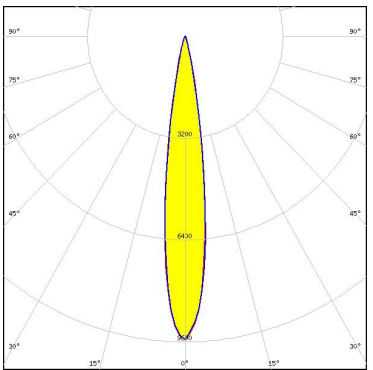

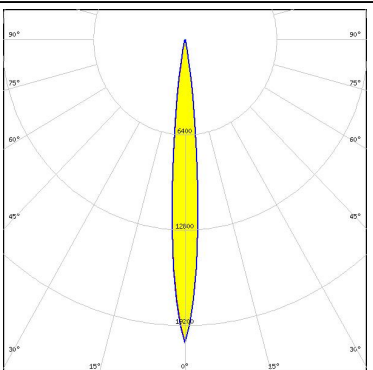

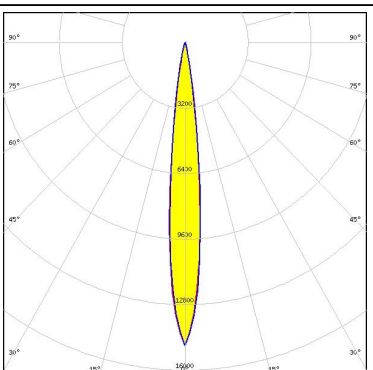
LED XHP35.2 HI
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 84 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED: XHP50.3 HI FWHM / FWTM: 24.0° / 48.0° Efficiency: 82 % Peak intensity: 3.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LEDs</p> <p>LED: XM-L RGBW (XMLDCL HD) FWHM / FWTM: 30.0° / 49.0° Efficiency: 85 % Peak intensity: 2.8 cd/lm LEDs/each optic: 1 Light colour: RGBW Required components:</p>	
<p>CREE LEDs</p> <p>LED: XM-L RGBW (XMLDCL HI) FWHM / FWTM: 20.0° / 37.0° Efficiency: 85 % Peak intensity: 5.3 cd/lm LEDs/each optic: 1 Light colour: RGBW Required components:</p>	
<p>CREE LEDs</p> <p>LED: XM-L3 FWHM / FWTM: 21.0° / 40.0° Efficiency: 81 % Peak intensity: 4.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

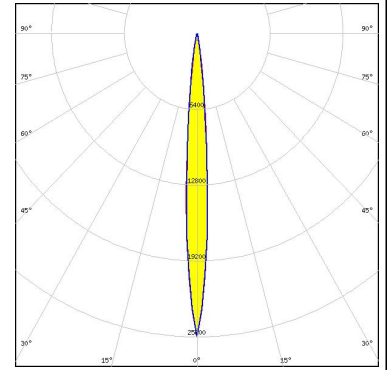
OPTICAL RESULTS (SIMULATED):

	<p>LED XP-E2 FWHM / FWTM 11.0° / 22.0° Efficiency 88 % Peak intensity 16 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XP-G2 FWHM / FWTM 15.0° / 28.0° Efficiency 88 % Peak intensity 9.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XP-P FWHM / FWTM 10.0° / 20.0° Efficiency 89 % Peak intensity 20.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XQ-E HD FWHM / FWTM 12.0° / 22.0° Efficiency 87 % Peak intensity 14.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

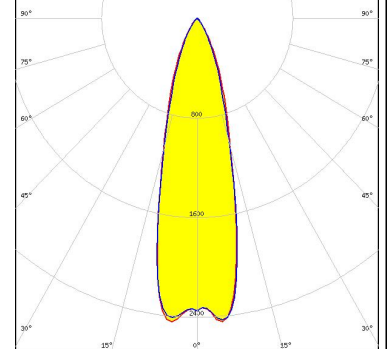
OPTICAL RESULTS (SIMULATED):



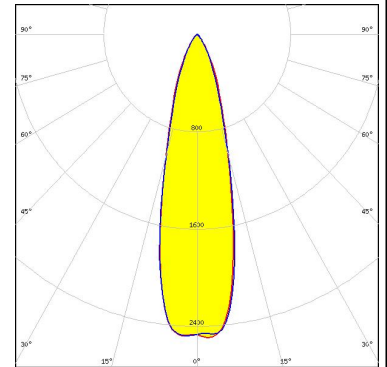
LED XQ-E HI
FWHM / FWTM 8.0° / 18.0°
Efficiency 87 %
Peak intensity 25.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



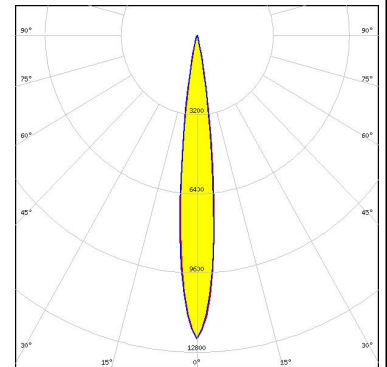
LED LUXEON 5050 Round LES
FWHM / FWTM 28.0° / 56.0°
Efficiency 81 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 5050 Square LES
FWHM / FWTM 26.0° / 56.0°
Efficiency 80 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



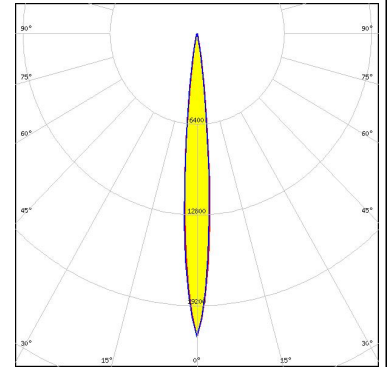
LED LUXEON C
FWHM / FWTM 12.0° / 24.0°
Efficiency 79 %
Peak intensity 12.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

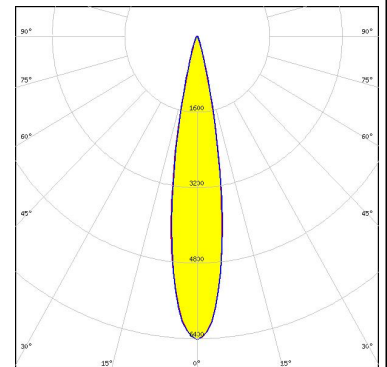
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 88 %
 Peak intensity 21.4 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



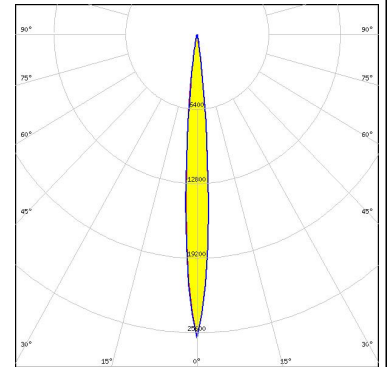
LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM 20.0° / 32.0°
 Efficiency 87 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



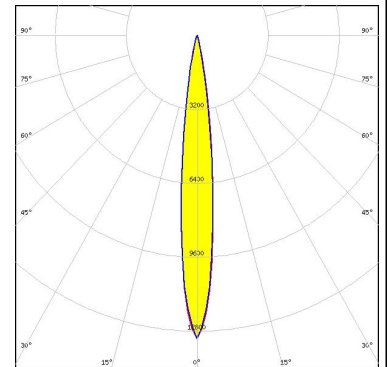
LUMILEDS

LED LUXEON Rubix
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 89 %
 Peak intensity 26.1 cd/lm
 LEDs/each optic 1
 Light colour Blue
 Required components:

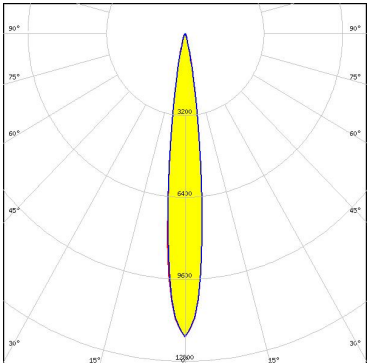
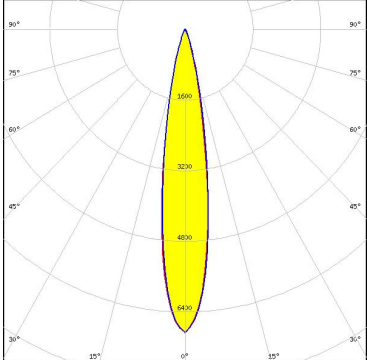

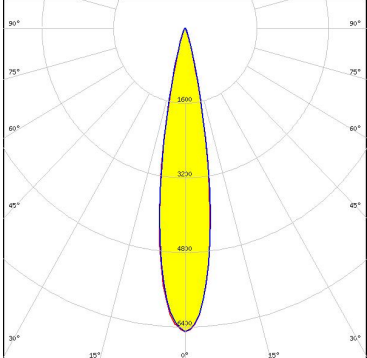


LUMILEDS

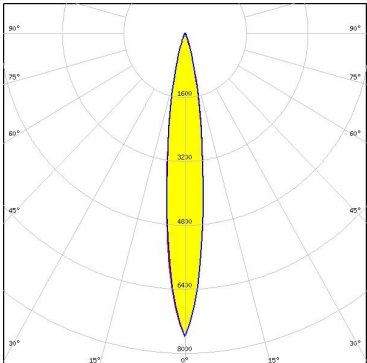
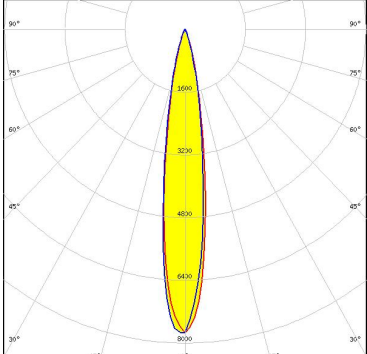
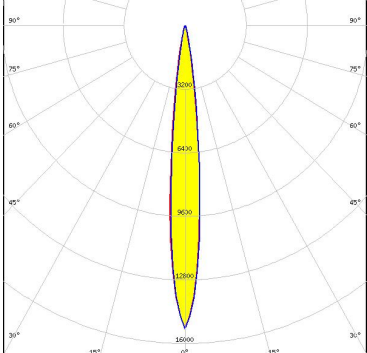
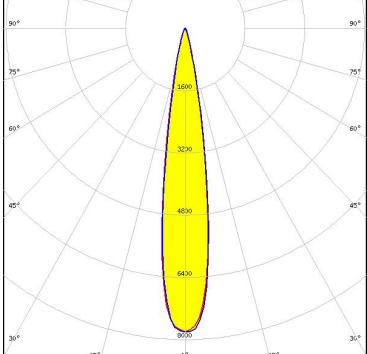
LED LUXEON Z ES
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 87 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



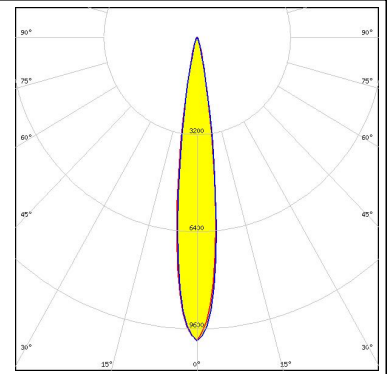
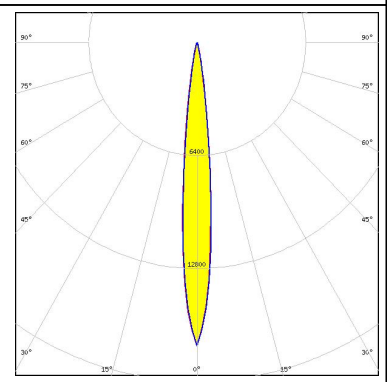
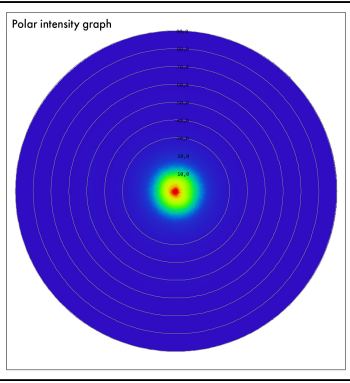
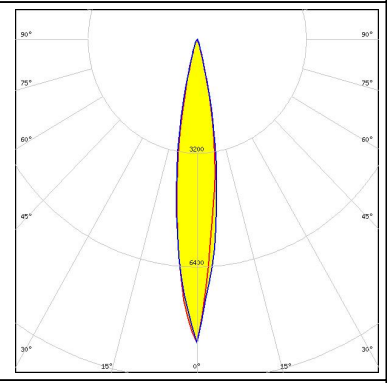
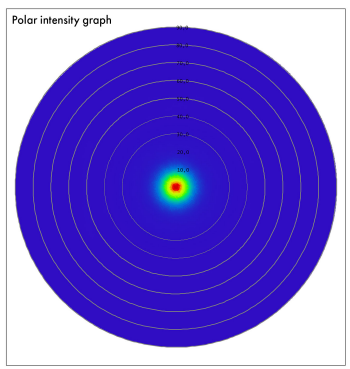
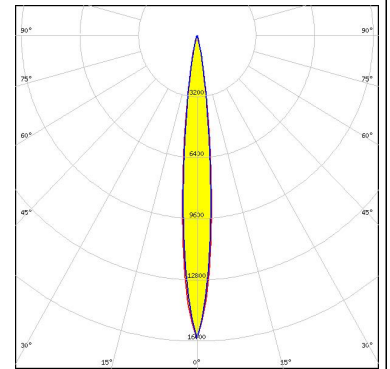
OPTICAL RESULTS (SIMULATED):

<p>LUMINUS</p> <p>LED SST-20 FWHM / FWTM 12.0° / 26.0° Efficiency 86 % Peak intensity 11.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NF2W757H FWHM / FWTM 18.0° / 34.0° Efficiency 89 % Peak intensity 6.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NV4WB35AM FWHM / FWTM 24.0° / 46.0° Efficiency 86 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 19.0° / 32.0° Efficiency 87 % Peak intensity 6.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 14.0° / 32.0° Efficiency 80 % Peak intensity 7.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip) FWHM / FWTM 15.0° / 33.0° Efficiency 88 % Peak intensity 7.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 12.0° / 23.0° Efficiency 87 % Peak intensity 15.3 cd/lm LEDs/each optic 1 Light colour Far Red Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 17.0° / 30.0° Efficiency 87 % Peak intensity 7.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLO[®]N Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 15.0° / 27.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 10 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 OSLO[®]N SSL 150</p> <p>FWHM / FWTM 11.0° / 22.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 17.2 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 4715AS</p> <p>FWHM / FWTM 16.0° / 30.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 8.5 cd/lm</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 4716S</p> <p>FWHM / FWTM 11.0° / 22.0°</p> <p>Efficiency 86 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	<p>Polar intensity graph</p> 	

OPTICAL RESULTS (SIMULATED):

