

HEIDI-SS

~15° smooth spot beam

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

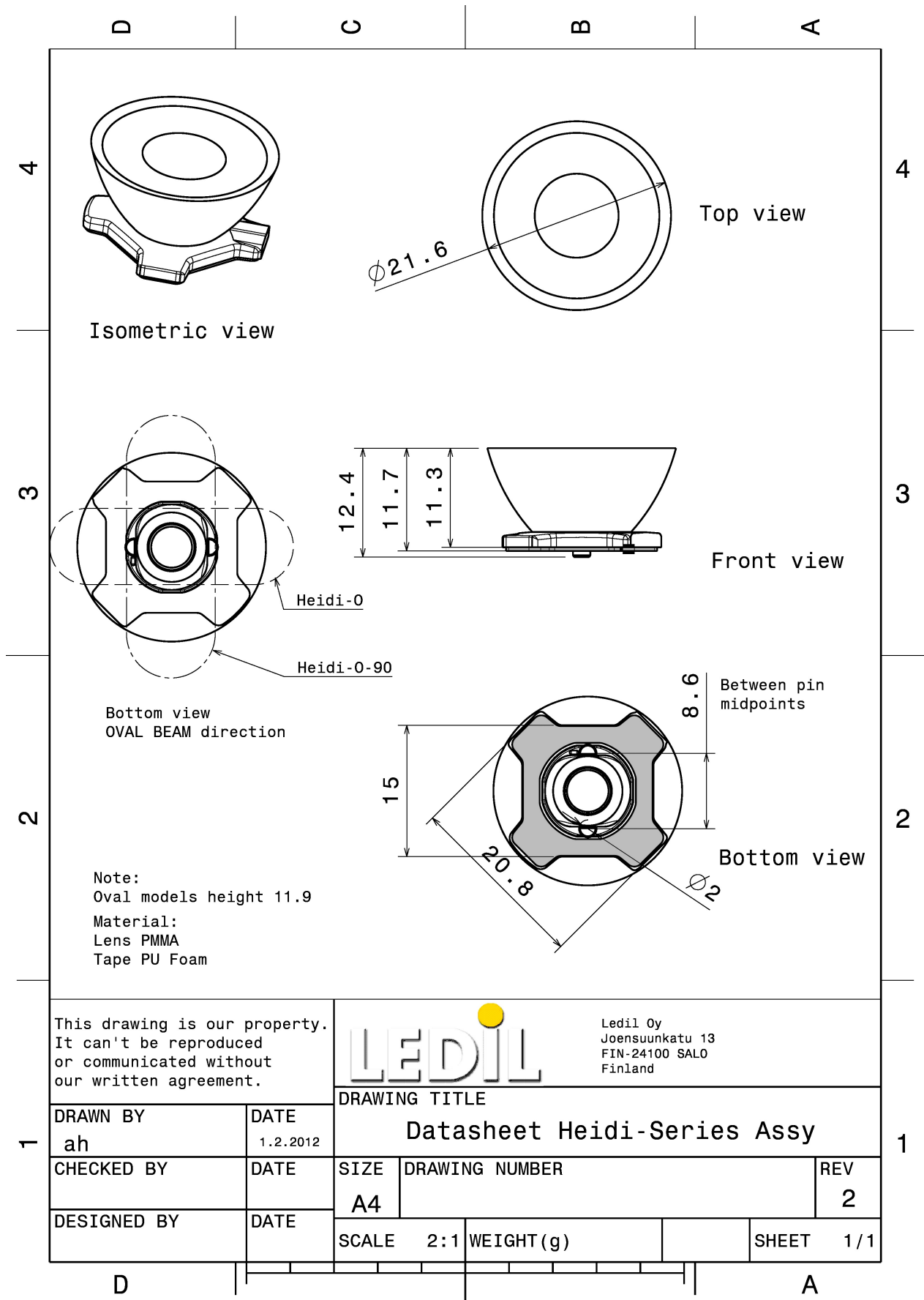
MATERIALS:

Component	Type	Material	Colour	Finish
HEIDI-SS	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:


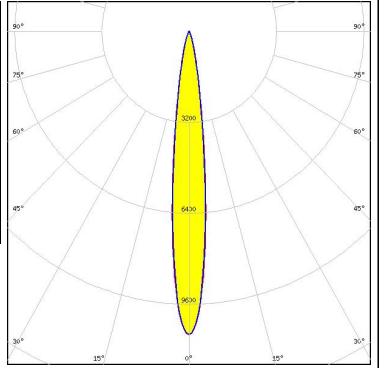

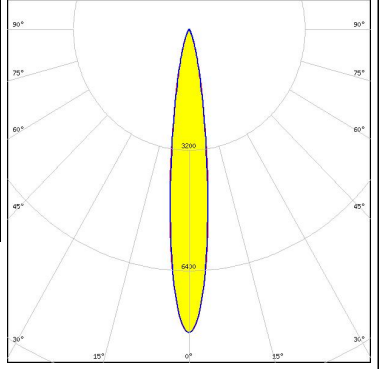

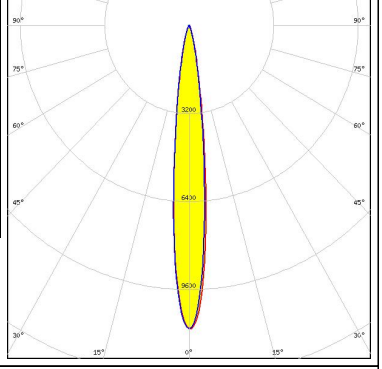

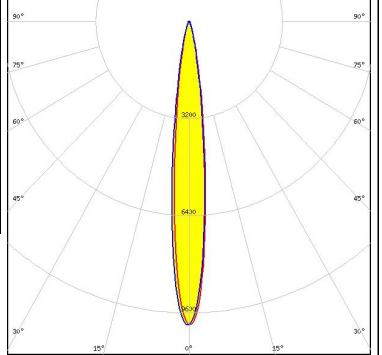
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12242_HEIDI-SS	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					





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

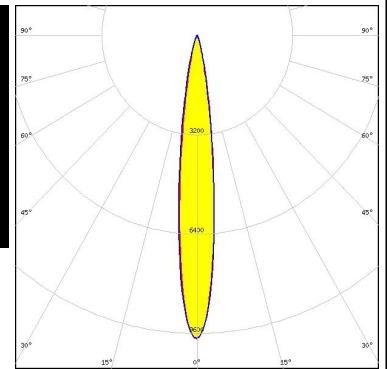
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XP-E FWHM / FWTM 13.0° / 28.0° Efficiency 95 % Peak intensity 10.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-G FWHM / FWTM 15.0° / 33.0° Efficiency 95 % Peak intensity 8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XQ-E HD FWHM / FWTM 12.0° / 27.0° Efficiency 94 % Peak intensity 11.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XQ-E HI FWHM / FWTM 12.0° / 28.0° Efficiency 92 % Peak intensity 10 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

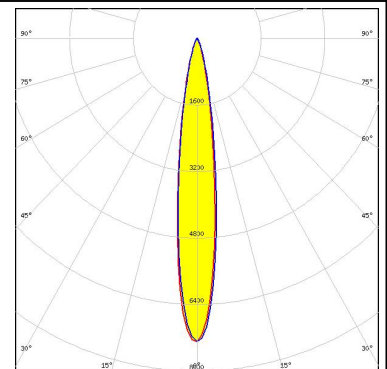
LUMILEDS

LED LUXEON C
FWHM / FWTM 13.0° / 28.0°
Efficiency 87 %
Peak intensity 9.8 cd/m
LEDs/each optic 1
Light colour White
Required components:



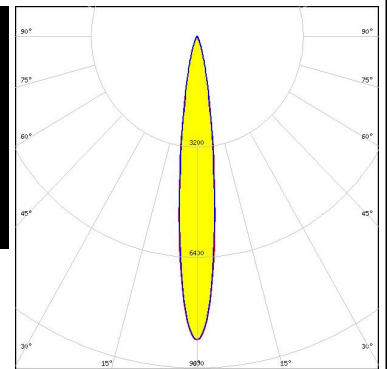
LUMILEDS

LED LUXEON T
FWHM / FWTM 15.0° / 33.0°
Efficiency 87 %
Peak intensity 7.3 cd/m
LEDs/each optic 1
Light colour White
Required components:



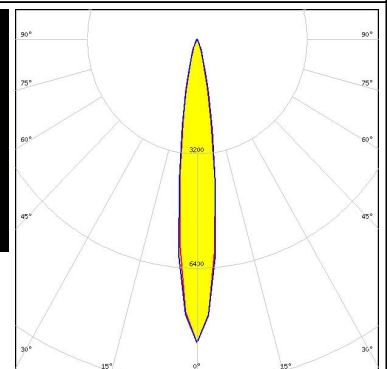
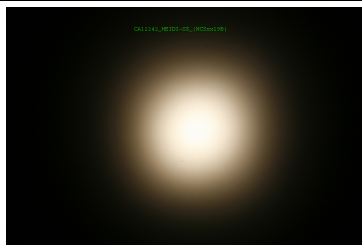
NICHIA

LED NCSxx19A
FWHM / FWTM 14.0° / 31.0°
Efficiency 95 %
Peak intensity 8.8 cd/m
LEDs/each optic 1
Light colour White
Required components:


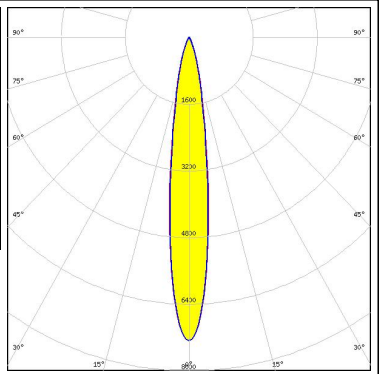

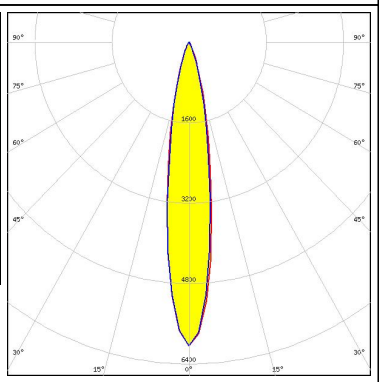

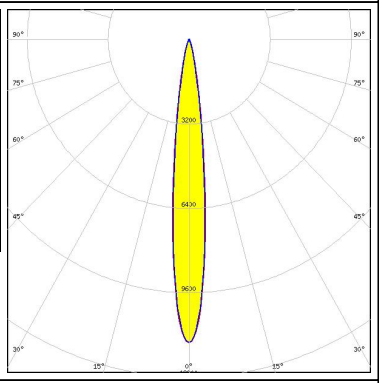

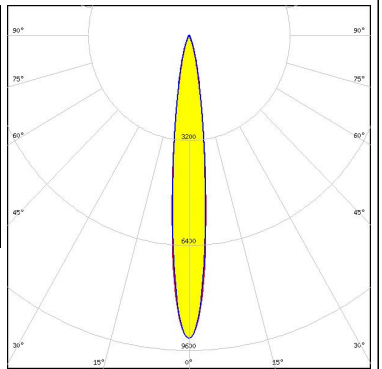


NICHIA

LED NCSxx19B
FWHM / FWTM 15.0° / 32.0°
Efficiency 86 %
Peak intensity 8.5 cd/m
LEDs/each optic 1
Light colour White
Required components:



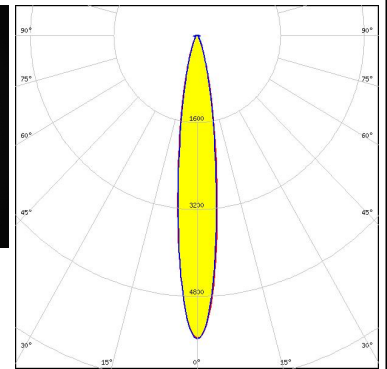
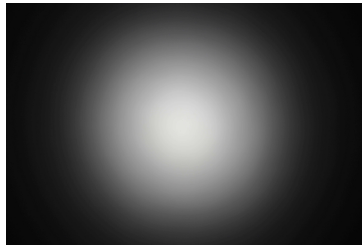
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 15.0° / 34.0° Efficiency 95 % Peak intensity 7.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 18.0° / 38.0° Efficiency 87 % Peak intensity 6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 150 FWHM / FWTM 13.0° / 26.0° Efficiency 96 % Peak intensity 11.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 80 FWHM / FWTM 13.0° / 30.0° Efficiency 95 % Peak intensity 9.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

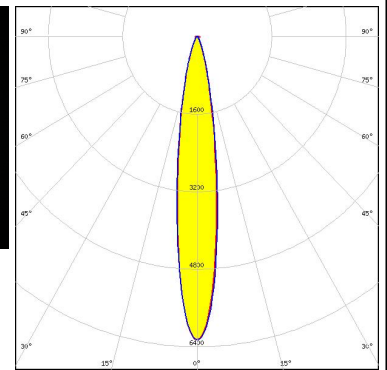
SAMSUNG

LED LH181A
FWHM / FWTM 15.0° / 36.0°
Efficiency 88 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



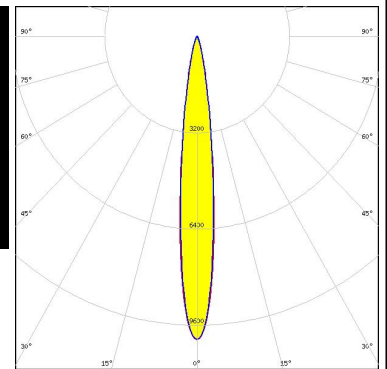
SAMSUNG

LED LH181B
FWHM / FWTM 15.0° / 36.0°
Efficiency 93 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



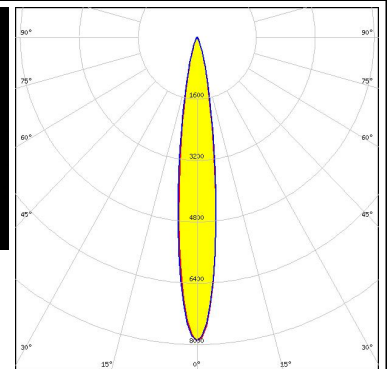
SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 13.0° / 28.0°
Efficiency 95 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

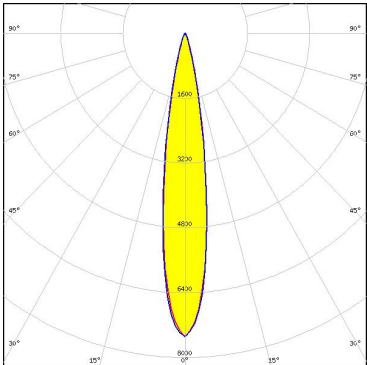
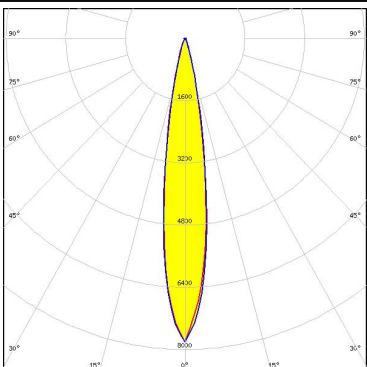
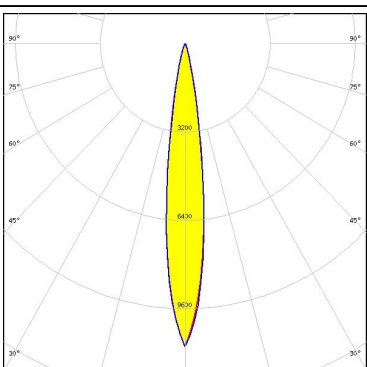
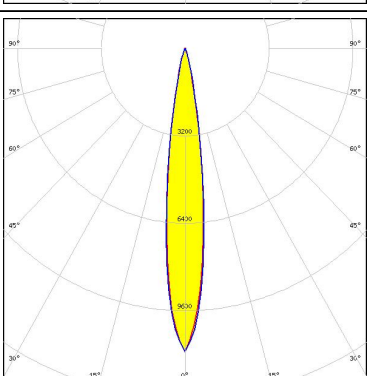


SEOUL SEMICONDUCTOR

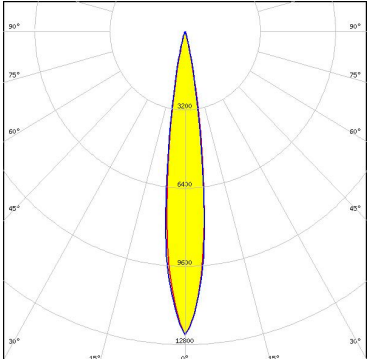
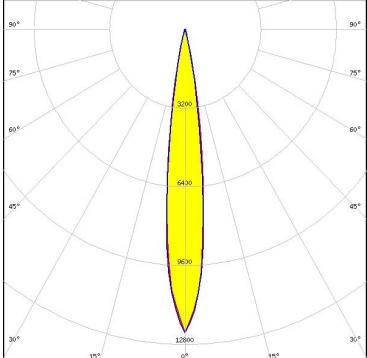
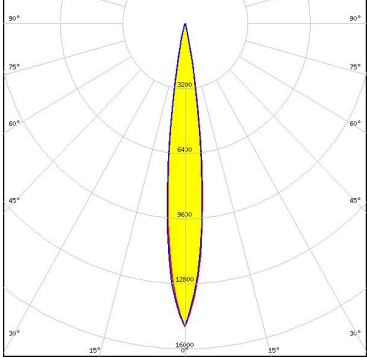
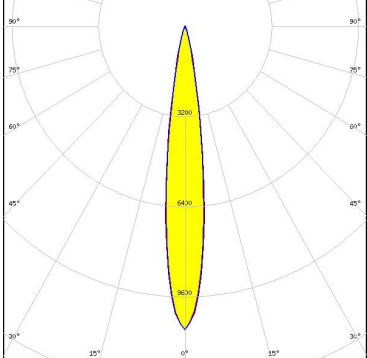
LED Z5M1/Z5M2
FWHM / FWTM 14.0° / 32.0°
Efficiency 91 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



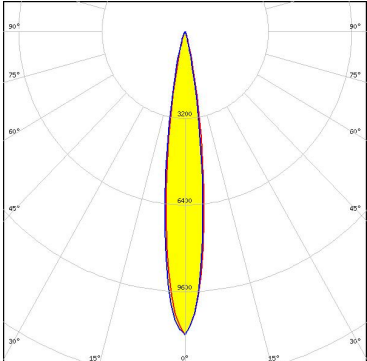
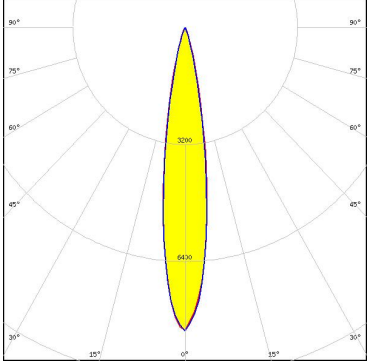
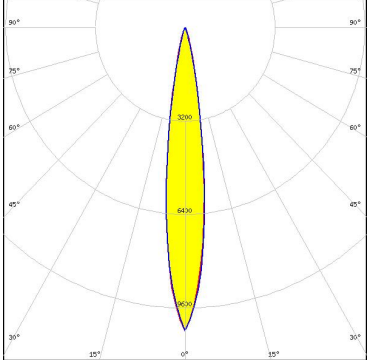
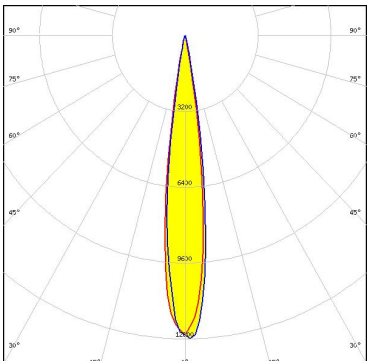
OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED: XP-G2 HE FWHM / FWTM: 16.0° / 32.0° Efficiency: 94 % Peak intensity: 7.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LEDs</p> <p>LED: XP-G3 FWHM / FWTM: 17.0° / 32.0° Efficiency: 94 % Peak intensity: 7.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 3030 HE Plus FWHM / FWTM: 14.0° / 28.0° Efficiency: 95 % Peak intensity: 11 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON HL2Z FWHM / FWTM: 14.0° / 28.0° Efficiency: 96 % Peak intensity: 11.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (120 deg) FWHM / FWTM 14.0° / 26.0° Efficiency 96 % Peak intensity 12.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (150 deg) FWHM / FWTM 14.0° / 26.0° Efficiency 92 % Peak intensity 12.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON Z ES FWHM / FWTM 13.0° / 24.0° Efficiency 94 % Peak intensity 14.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 14.0° / 28.0° Efficiency 95 % Peak intensity 10.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ S 3030 (QSLR31)</p> <p>FWHM / FWTM 15.0° / 28.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 11.2 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 OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 17.0° / 33.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 8.3 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 Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 15.0° / 29.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 10.4 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 SFH 4170S</p> <p>FWHM / FWTM 15.0° / 23.0°</p> <p>Efficiency 88 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 14.0° / 24.0°
Efficiency 88 %
LEDs/each optic 1
Light colour IR
Required components:

