

G2-LAURA-SS-P

~11° smooth spot beam. Assembly with thinner white holder, installation tape and location pins.

SPECIFICATION:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

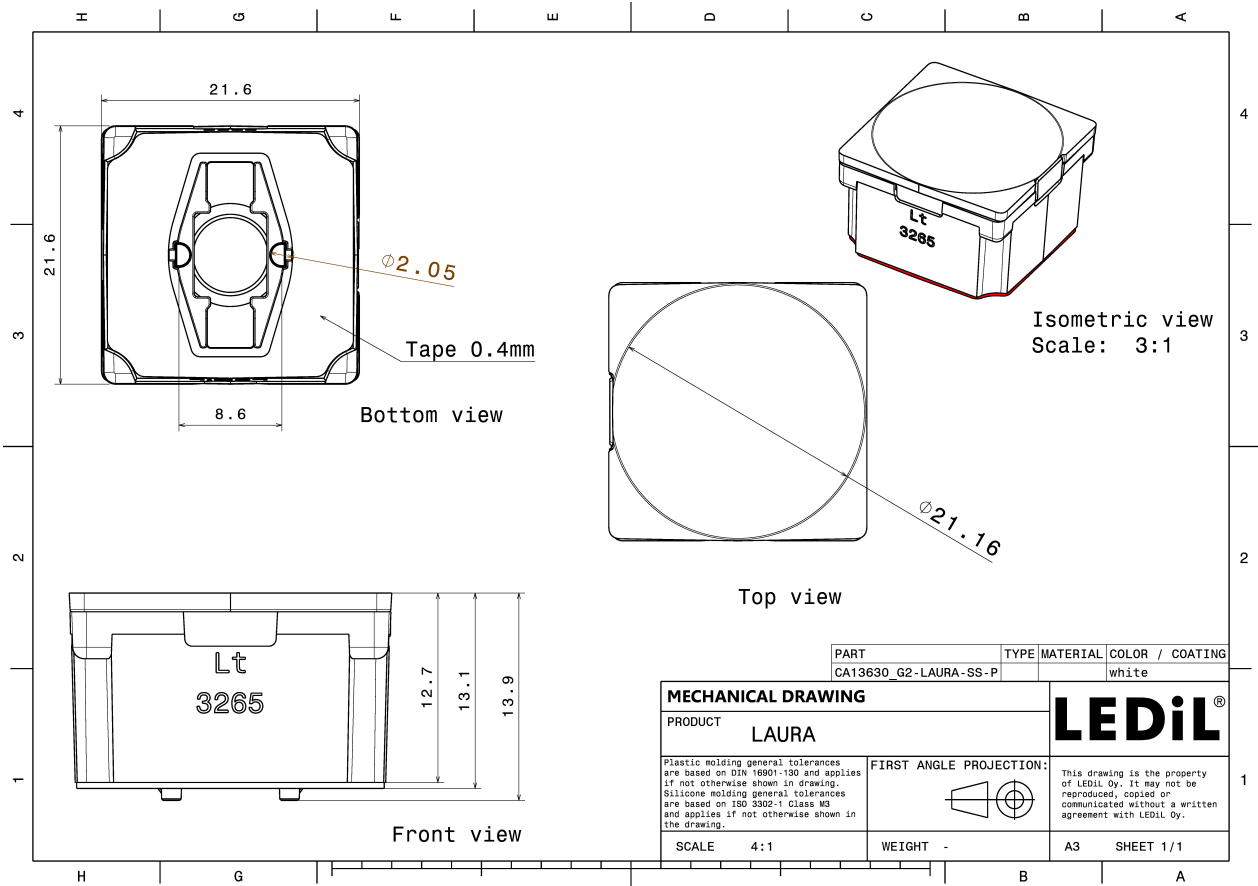
MATERIALS:

Component	Type	Material	Colour	Finish
LAURA-SS	Single lens	PMMA		
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:


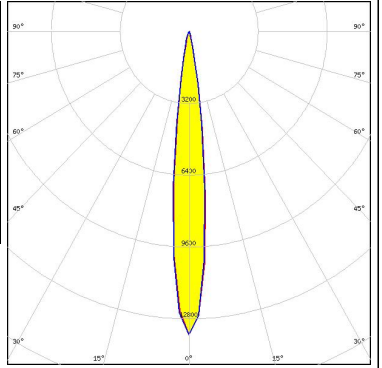
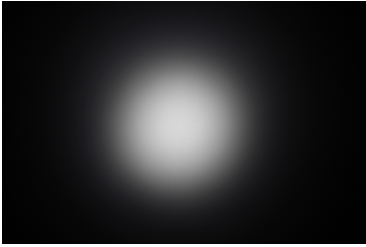
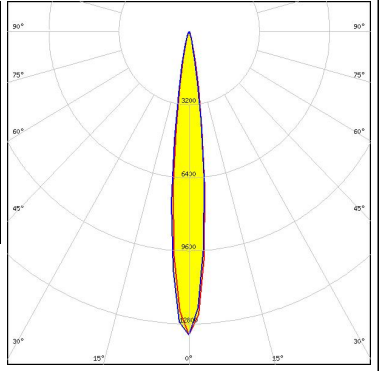

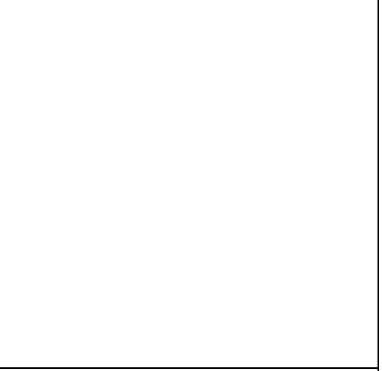

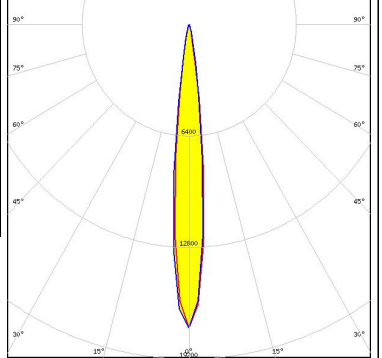
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA13630_G2-LAURA-SS-P » Box size:		360	180	6.0




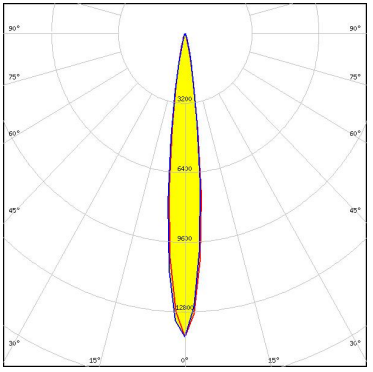
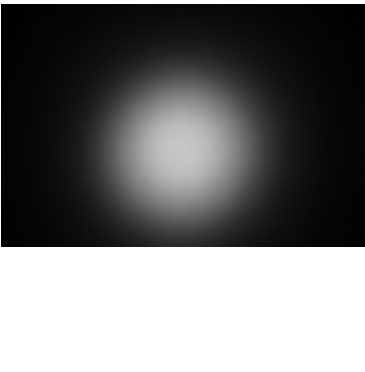
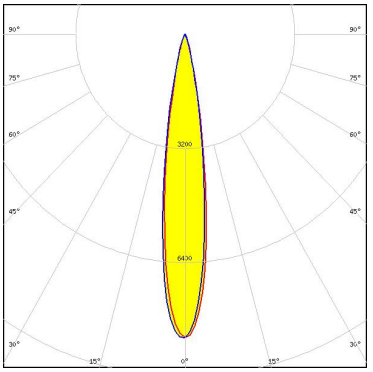

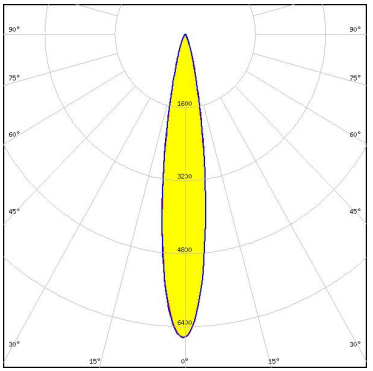

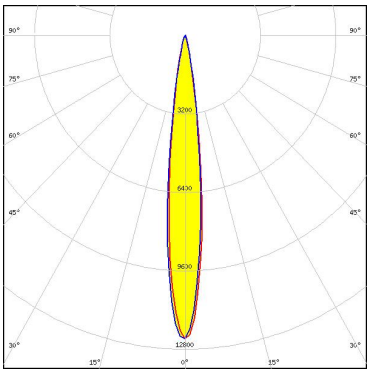


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XB-D FWHM / FWTM 13.0° / 24.0° Efficiency 88 % Peak intensity 13.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XB-H FWHM / FWTM 13.0° / 25.0° Efficiency 90 % Peak intensity 13.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-E FWHM / FWTM 11.0° / 19.0° Efficiency 93 % Peak intensity 16.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-E2 FWHM / FWTM 12.0° / 21.0° Efficiency 90 % Peak intensity 17.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

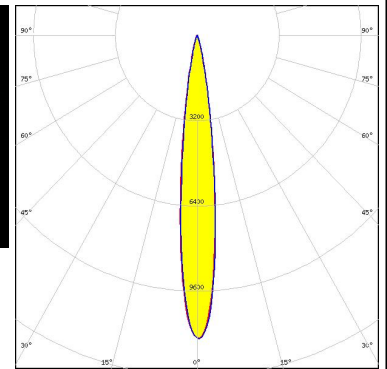
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XP-G2 FWHM / FWTM 13.0° / 24.0° Efficiency 90 % Peak intensity 14 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-L HD FWHM / FWTM 16.0° / 30.0° Efficiency 89 % Peak intensity 8.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-L2 FWHM / FWTM 17.0° / 34.0° Efficiency 88 % Peak intensity 6.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XT-E FWHM / FWTM 13.0° / 25.0° Efficiency 90 % Peak intensity 12.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

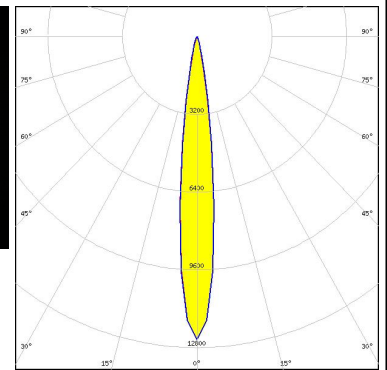
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 91 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



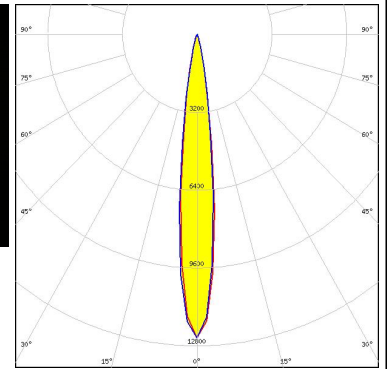
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 90 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



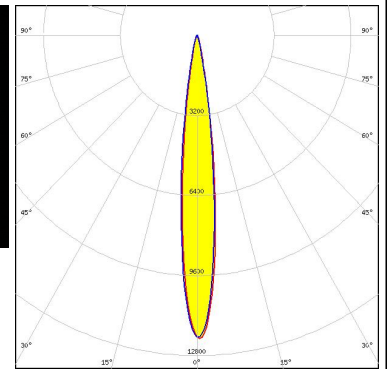
NICHIA

LED NCSxx19A
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 91 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


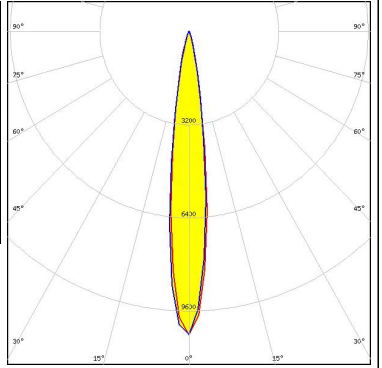



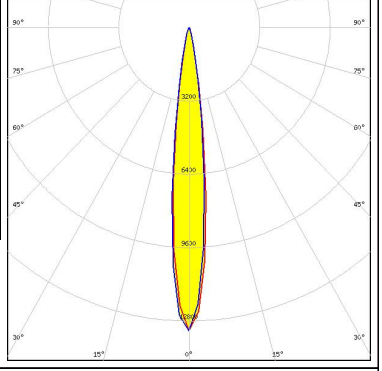

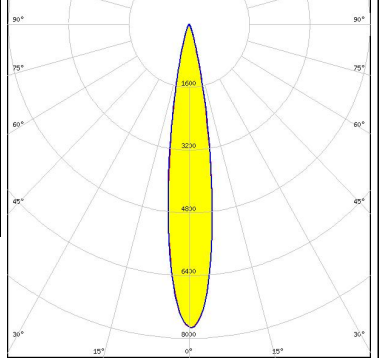


NICHIA



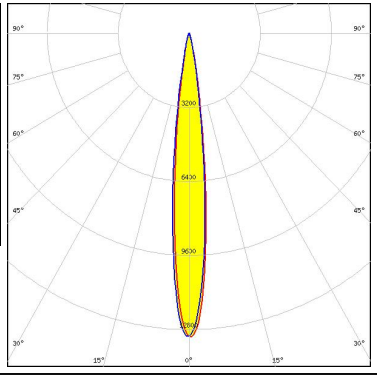


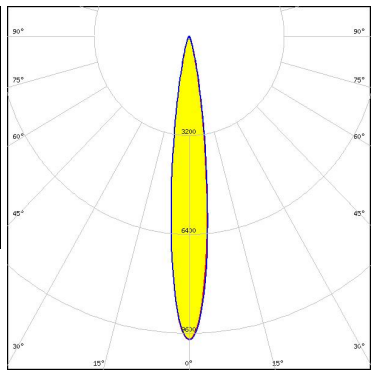
LED NVSW219D
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 94 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 15.0° / 28.0° Efficiency 88 % Peak intensity 10.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 14.0° / 27.0° Efficiency 89 % Peak intensity 11.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square EC FWHM / FWTM 13.0° / 25.0° Efficiency 90 % Peak intensity 13.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351D FWHM / FWTM 17.0° / 32.0° Efficiency 94 % Peak intensity 7.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

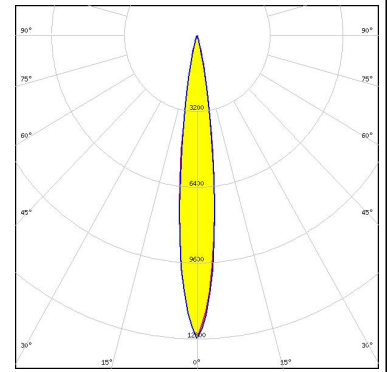
OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 12.0° / 24.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 13.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 14.0° / 28.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 9.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

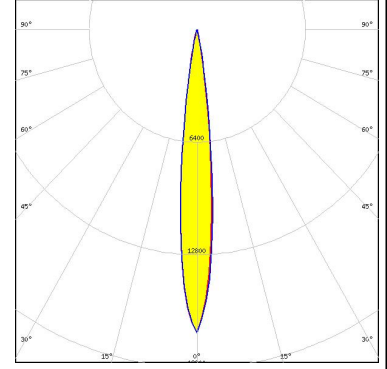
OPTICAL RESULTS (SIMULATED):



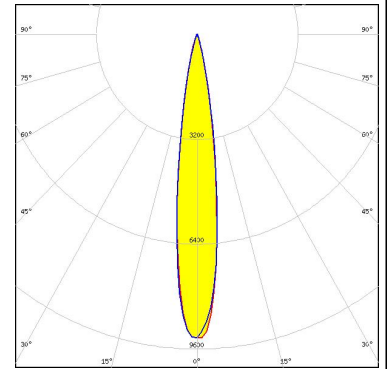
LED XHP35 HI
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 94 %
 Peak intensity 12.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



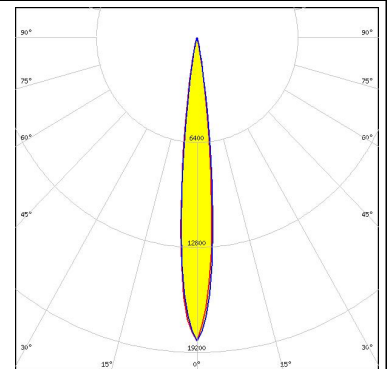
LED XP-E2
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 95 %
 Peak intensity 17.2 cd/lm
 LEDs/each optic 1
 Light colour Amber
 Required components:



LED XP-G3
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 93 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



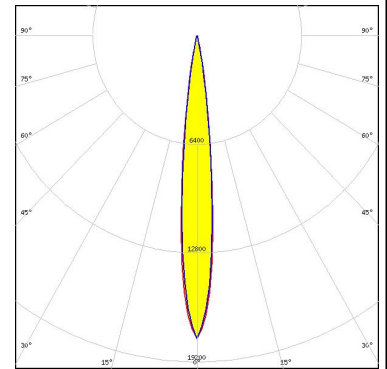
LED XQ-E HD
 FWHM / FWTM 12.0° / 21.6°
 Efficiency 94 %
 Peak intensity 18.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

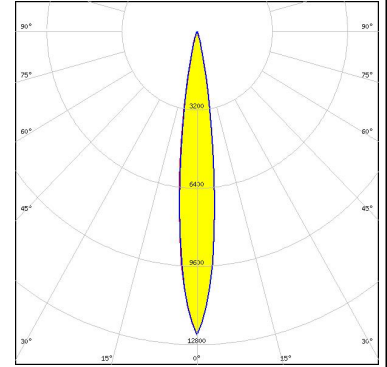
LUMILEDS

LED LUXEON HL1Z
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 96 %
 Peak intensity 17.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



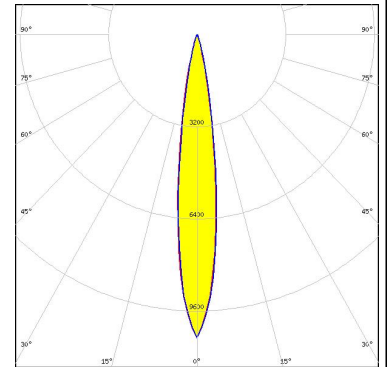
LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 94 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



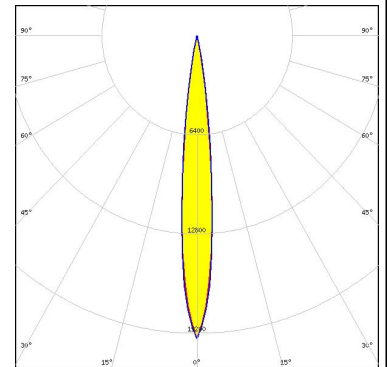
LUMILEDS

LED LUXEON HL2X-P
 FWHM / FWTM 15.0° / 28.0°
 Efficiency 94 %
 Peak intensity 10.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

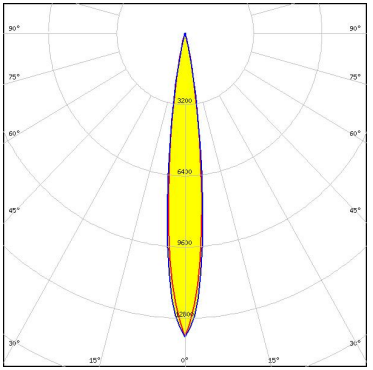
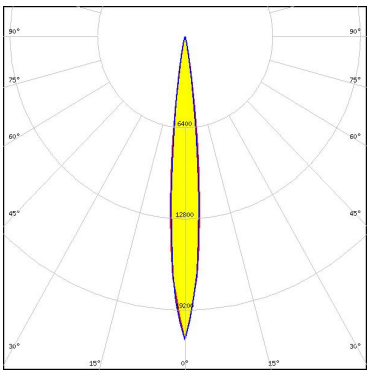
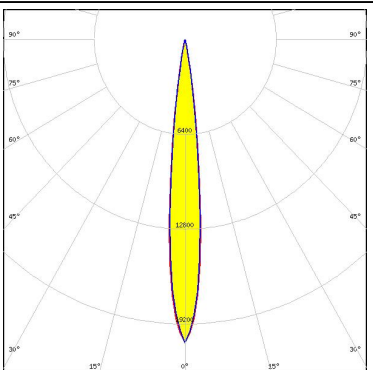
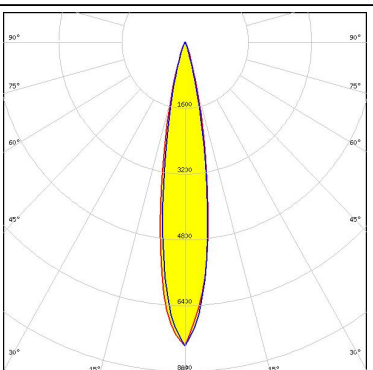


LUMINUS

LED SST-10-UV-X130
 FWHM / FWTM 12.0° / 20.0°
 Efficiency 96 %
 LEDs/each optic 1
 Light colour UV-A
 Required components:



OPTICAL RESULTS (SIMULATED):

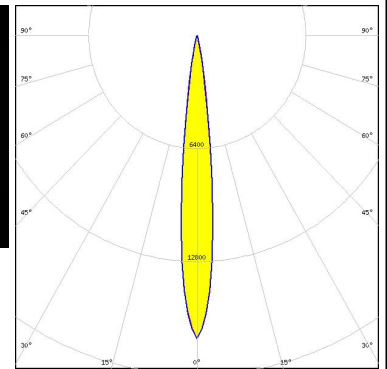
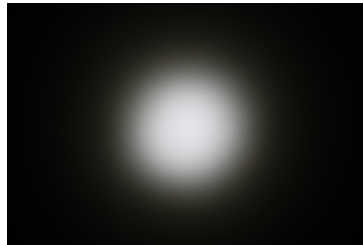
OSRAM <small>Opto Semiconductors</small>	<p>LED: OSLO Black</p> <p>FWHM / FWTM: 13.0° / 25.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 13.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
OSRAM <small>Opto Semiconductors</small>	<p>LED: OSLO Black Flat (LUW HWQP)</p> <p>FWHM / FWTM: 11.0° / 20.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 21.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
OSRAM <small>Opto Semiconductors</small>	<p>LED: OSLO Signal</p> <p>FWHM / FWTM: 12.0° / 20.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 20.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Red</p> <p>Required components:</p>	
OSRAM <small>Opto Semiconductors</small>	<p>LED: OSLO Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM: 18.0° / 35.0 + 33.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 7.4 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 OSLON Square Flat
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 94 %
 Peak intensity 17.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED SFH 4770S
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:

SEOL

SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 97 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

