

G2-LAURA-W-P

~45° wide 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 ⓘ

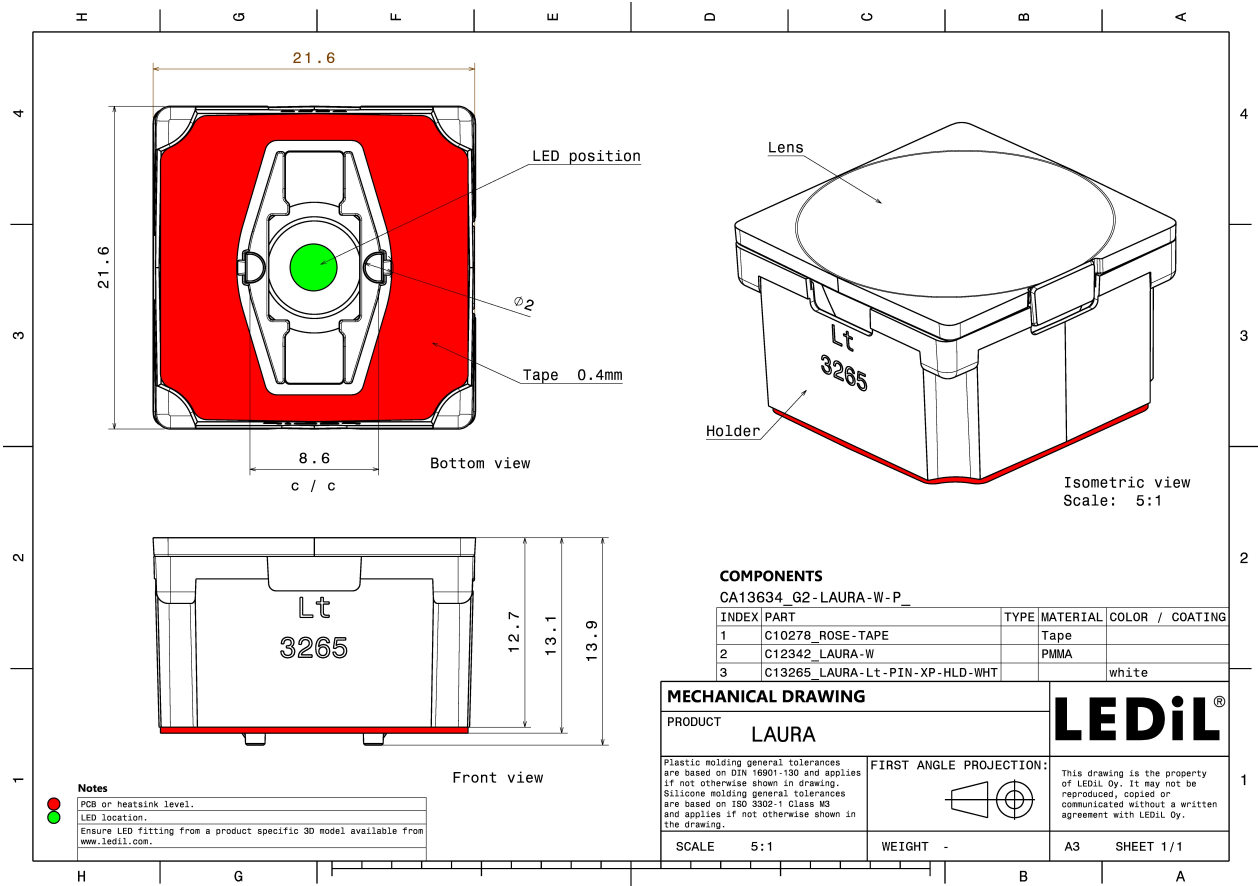
MATERIALS:

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

ORDERING INFORMATION:


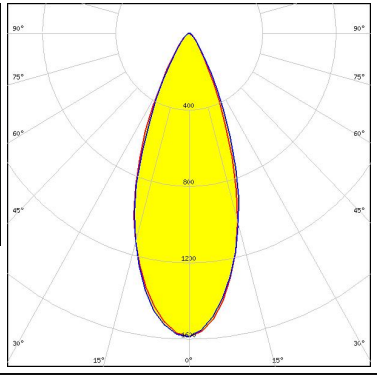

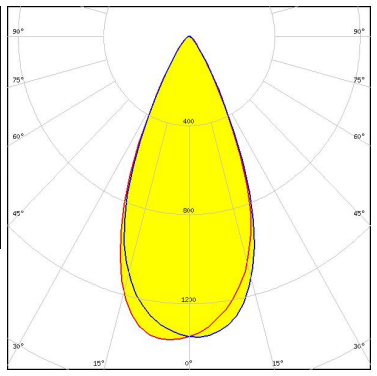

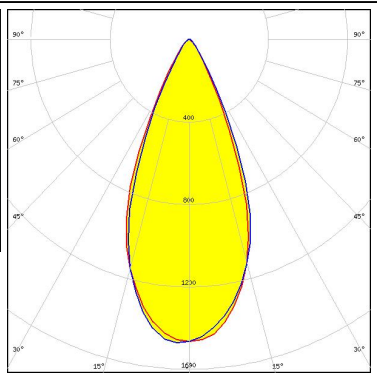
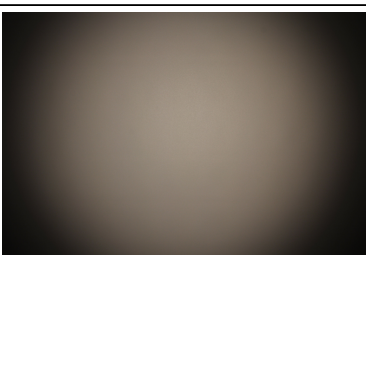
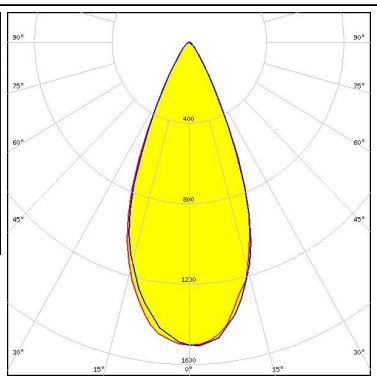
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA13634_G2-LAURA-W-P	Single lens	1440	360	180	6.1
» Box size: 450 x 260 x 160 mm					





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

OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XB-D FWHM / FWTM 40.0° / 69.0° Efficiency 84 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XB-H FWHM / FWTM 47.0° / 71.0° Efficiency 86 % Peak intensity 1.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-E FWHM / FWTM 45.0° / 69.0° Efficiency 86 % Peak intensity 1.5 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-E2 FWHM / FWTM 45.0° / 69.0° Efficiency 87 % Peak intensity 1.5 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

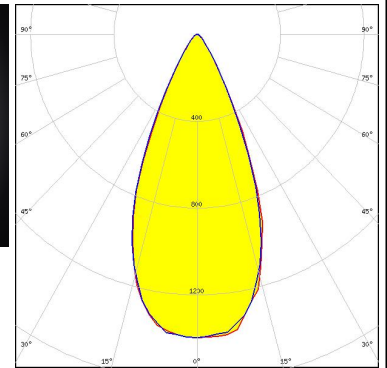
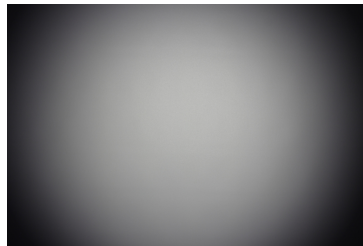
OPTICAL RESULTS (MEASURED):



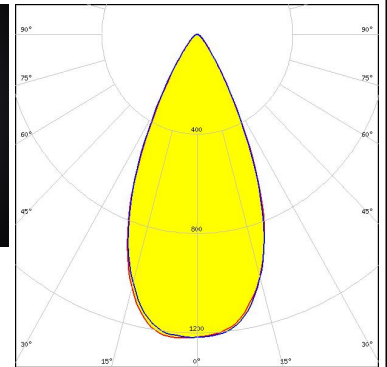
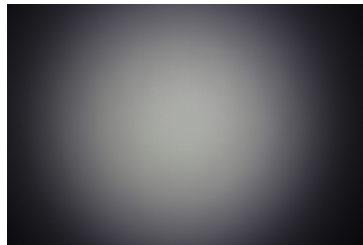
LED XP-G
 FWHM / FWTM 46.0° / 65.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



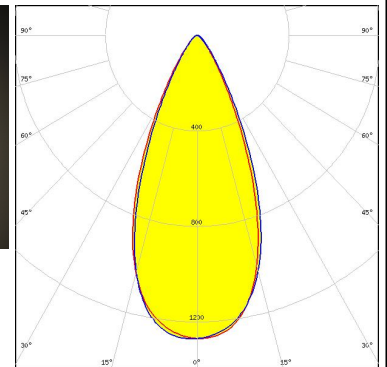
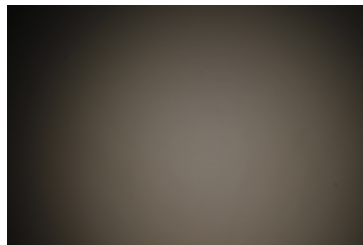
LED XP-G2
 FWHM / FWTM 47.0° / 71.0°
 Efficiency 87 %
 Peak intensity 1.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-L HD
 FWHM / FWTM 49.0° / 76.0°
 Efficiency 85 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



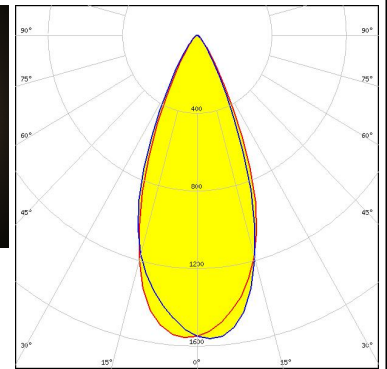
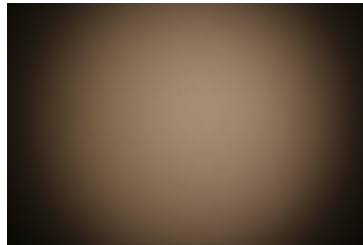
LED XP-L2
 FWHM / FWTM 46.0° / 74.0°
 Efficiency 83 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



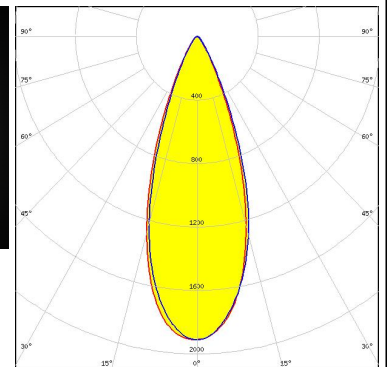
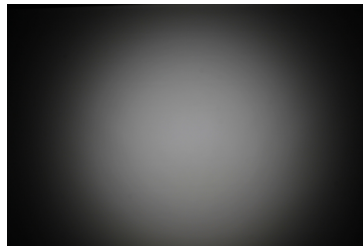
OPTICAL RESULTS (MEASURED):



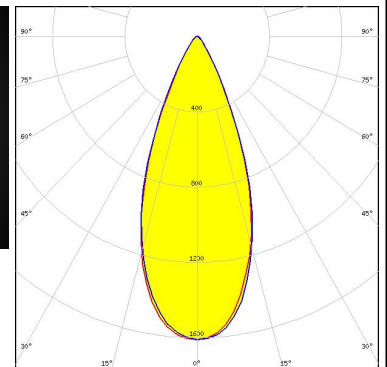
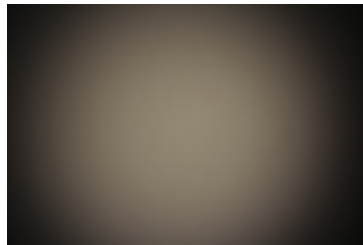
LED XT-E
 FWHM / FWTM 43.0° / 69.0°
 Efficiency 87 %
 Peak intensity 1.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



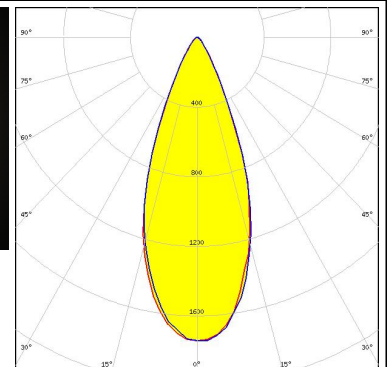
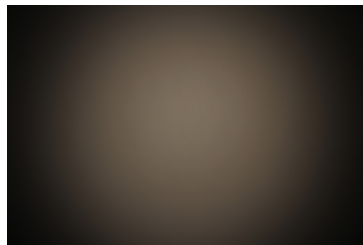
LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 37.0° / 62.0°
 Efficiency 86 %
 Peak intensity 1.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:




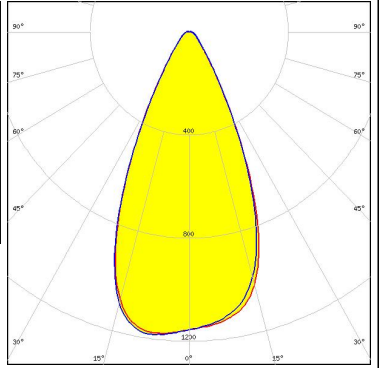
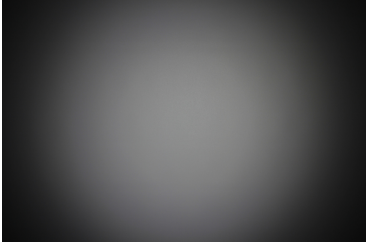
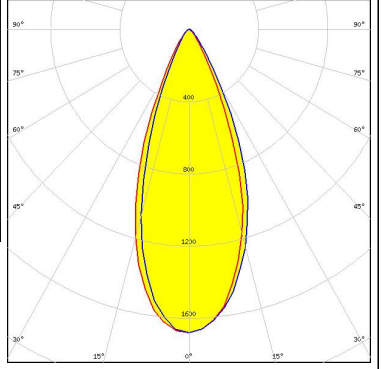
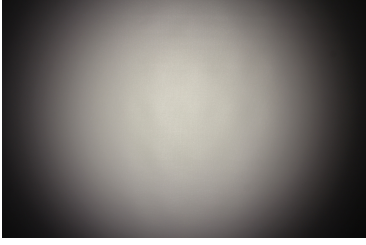
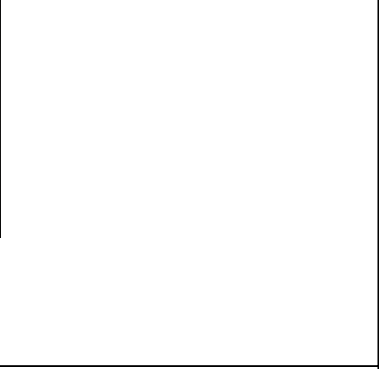
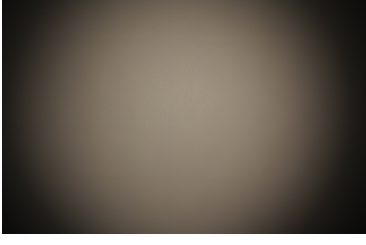
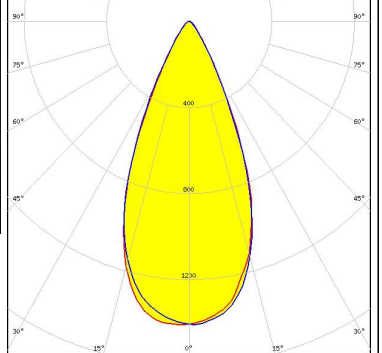
LED LUXEON TX
 FWHM / FWTM 42.0° / 67.0°
 Efficiency 86 %
 Peak intensity 1.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxx19A
 FWHM / FWTM 41.0° / 66.0°
 Efficiency 88 %
 Peak intensity 1.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



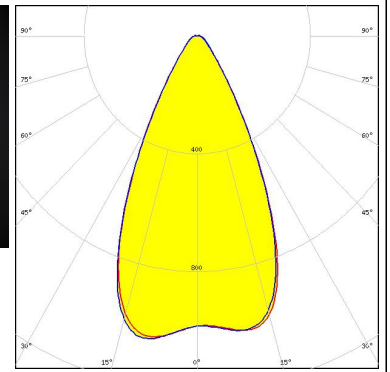
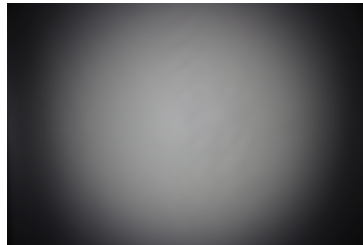
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 48.0° / 76.0° Efficiency 91 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 41.0° / 67.0° Efficiency 87 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 41.0° / 68.0° Efficiency 84 % Peak intensity 1.7 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 46.0° / 71.0° Efficiency 87 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

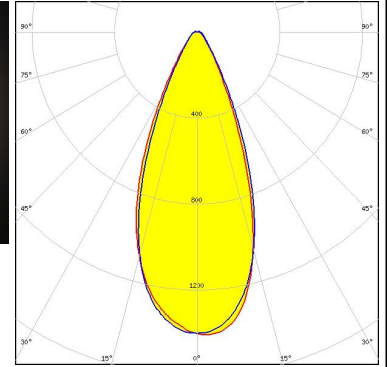
SAMSUNG

LED LH351D
 FWHM / FWTM 52.0° / 81.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

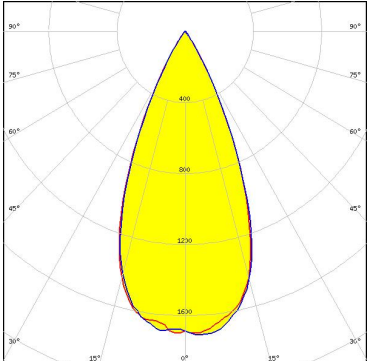
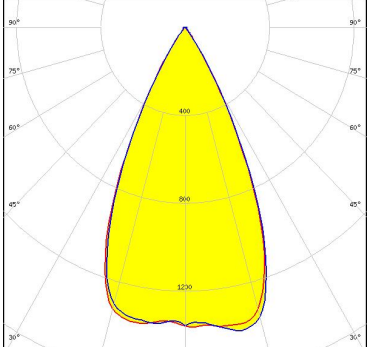
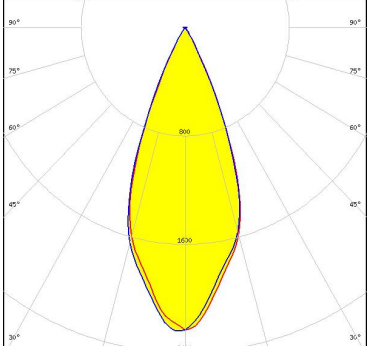
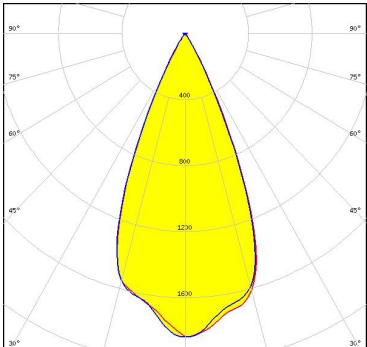


SEOUL SEMICONDUCTOR

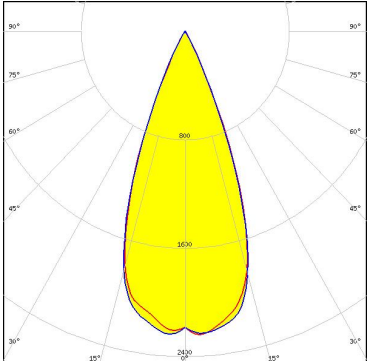
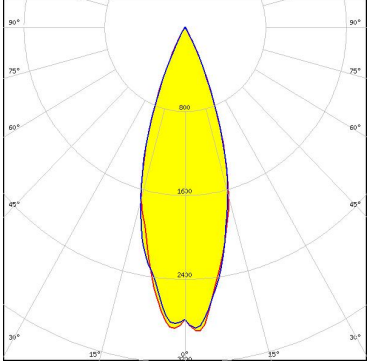

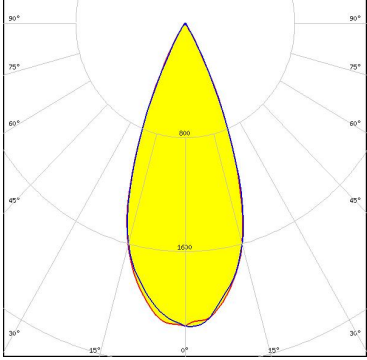
LED Z5M3
 FWHM / FWTM 43.0° / 72.0°
 Efficiency 92 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED XHP35 HI FWHM / FWTM 45.0° / 65.0° Efficiency 93 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XP-G3 FWHM / FWTM 50.0° / 68.0° Efficiency 93 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XQ-E HI FWHM / FWTM 41.0° / 58.0° Efficiency 94 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour Red Required components:</p>	
<p>CREE LEDs</p> <p>LED XQ-E HI FWHM / FWTM 46.0° / 60.0° Efficiency 95 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM Black</p> <p>FWHM / FWMT: 41.0° / 55.0°</p> <p>Efficiency: 95 %</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>OSRAM Opto Semiconductors</p> <p>LED: OSLOM Black Flat (LUW HWQP)</p> <p>FWHM / FWMT: 34.0° / 54.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 2.9 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: OSLOM Square Flat</p> <p>FWHM / FWMT: 41.0° / 59.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 2.2 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 4770S</p> <p>FWHM / FWMT: 27.0° / 50.0°</p> <p>Efficiency: 93 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

