

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 ⓘ

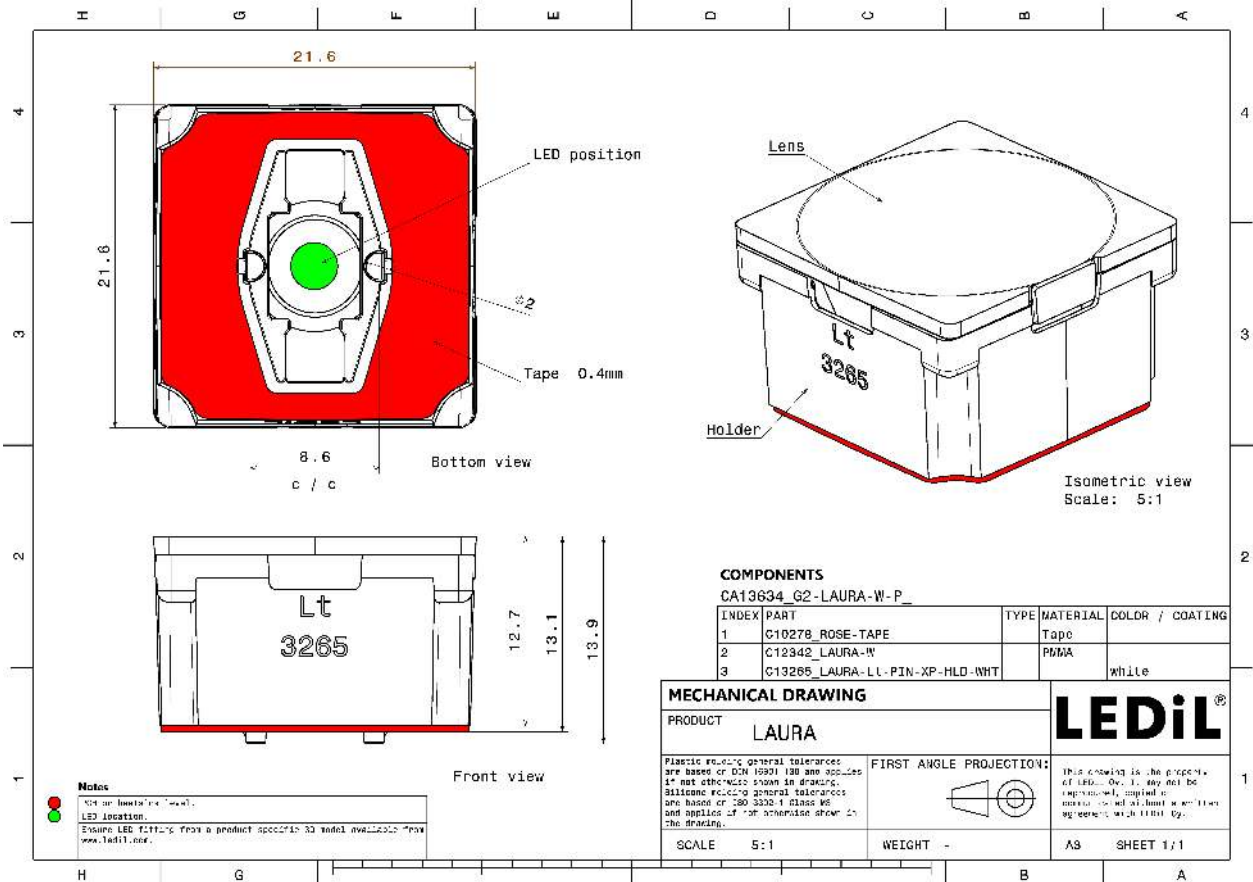


MATERIALS:

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	


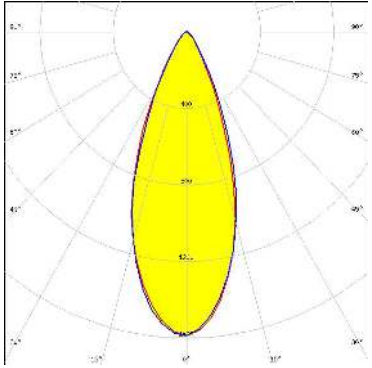

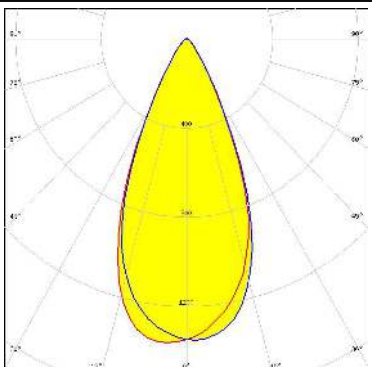

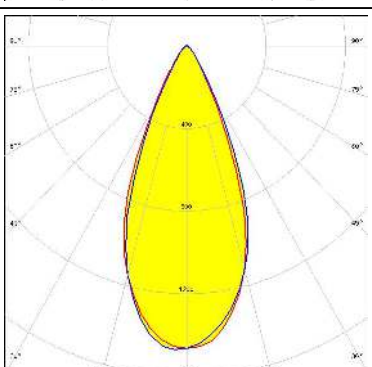

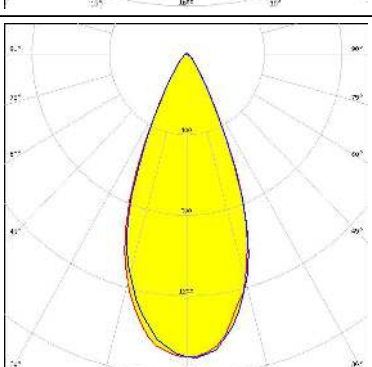
ORDERING INFORMATION:

Component		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					

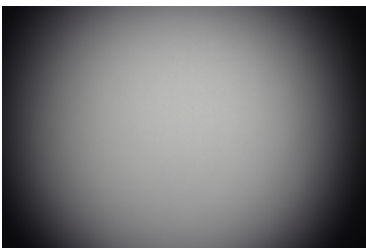
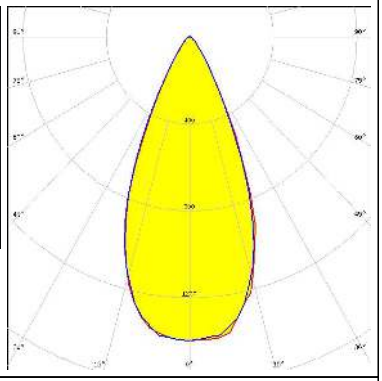
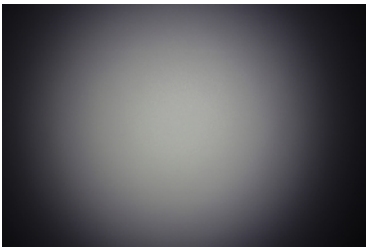
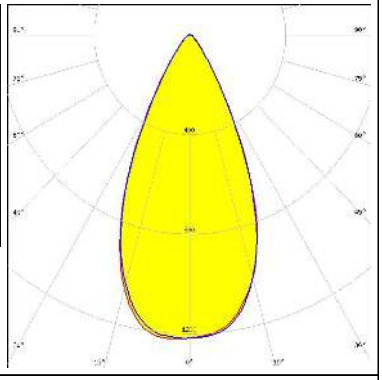
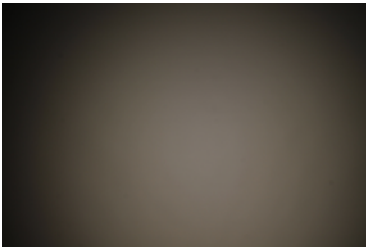
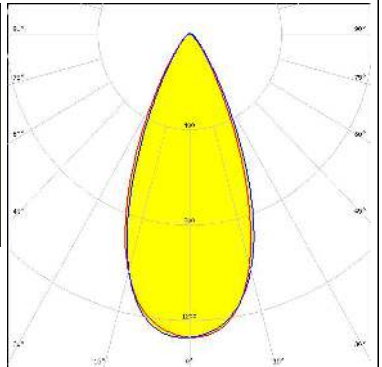


See also our general installation guide: www.ledil.com/installation_guide

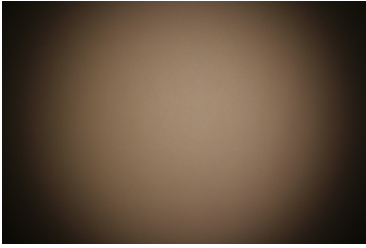
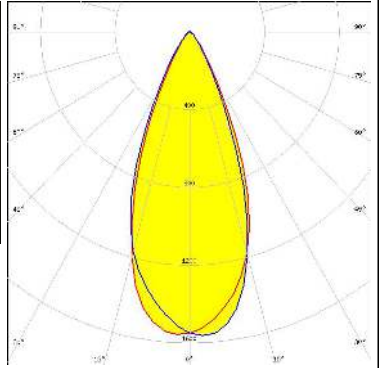
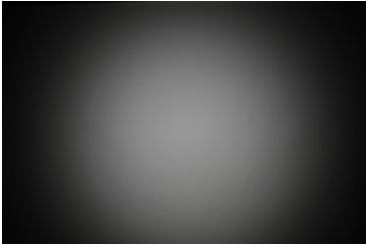
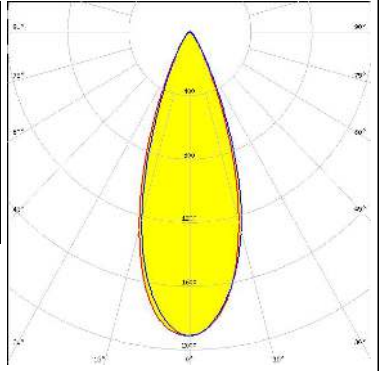
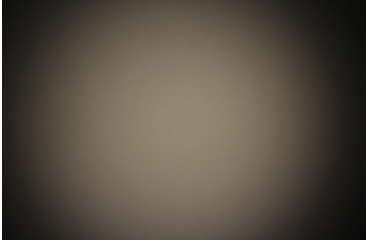
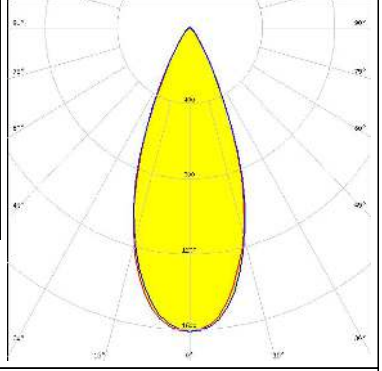
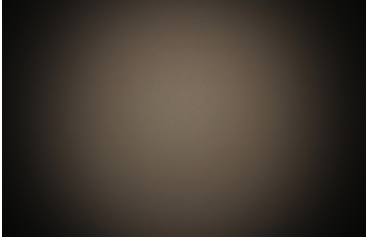
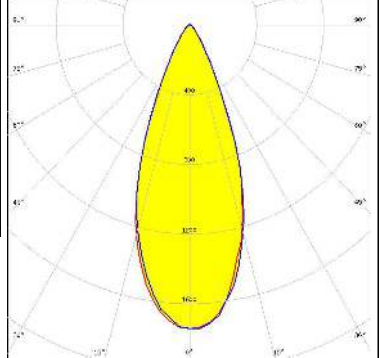
OPTICAL RESULTS (MEASURED):

<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>		


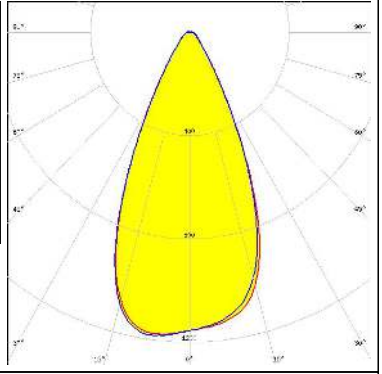
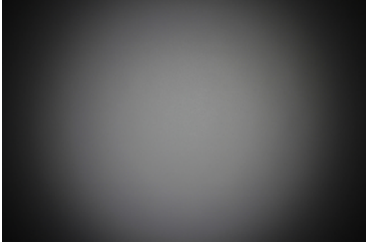
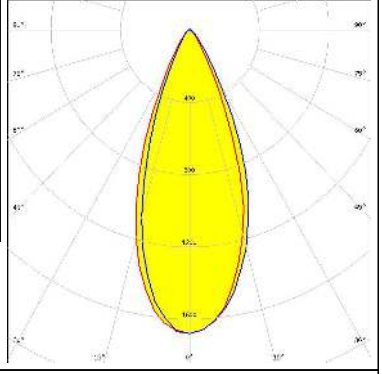
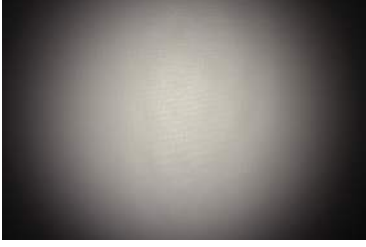

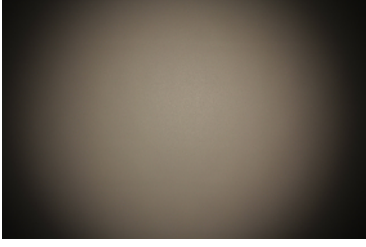
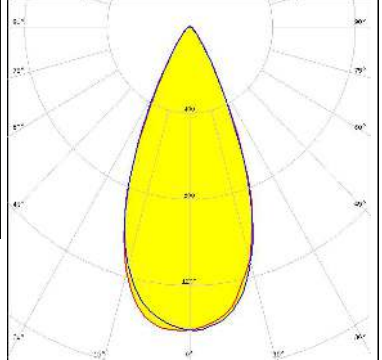
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>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:</p>		
<p>CREE LEDs</p> <p>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:</p>		
<p>CREE LEDs</p> <p>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:</p>		
<p>CREE LEDs</p> <p>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:</p>		

OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XT-E FWHM / FWTM 43.0° / 69.0° Efficiency 87 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES) FWHM / FWTM 37.0° / 62.0° Efficiency 86 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX FWHM / FWTM 42.0° / 67.0° Efficiency 86 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19A FWHM / FWTM 41.0° / 66.0° Efficiency 88 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

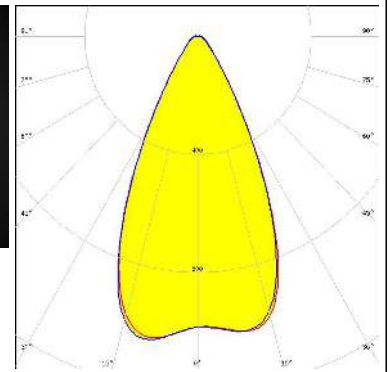
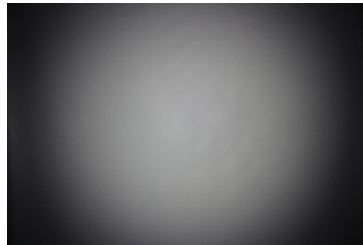
OPTICAL RESULTS (MEASURED):

<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>		

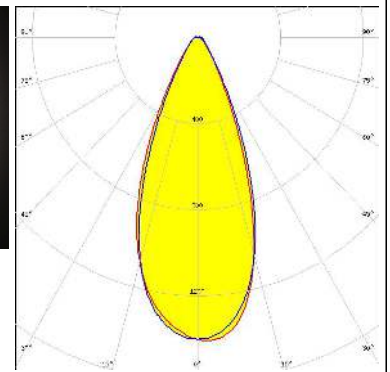
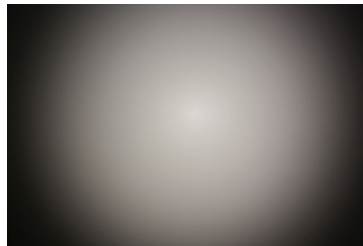
OPTICAL RESULTS (MEASURED):

SAMSUNG


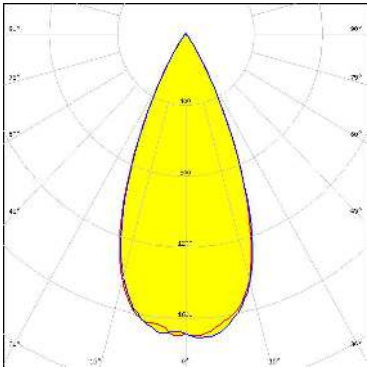

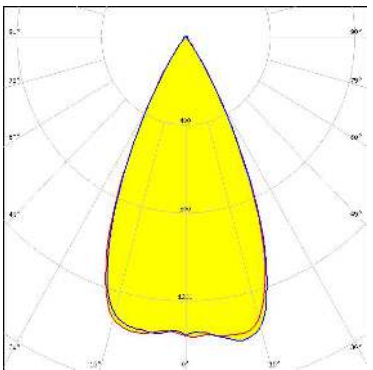

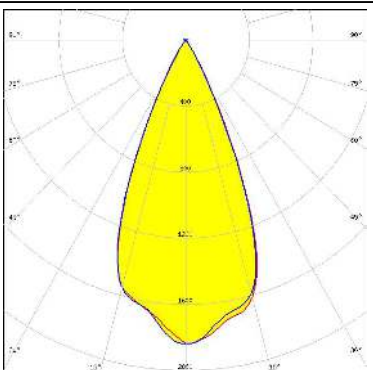

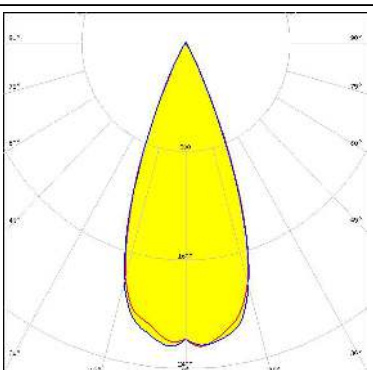
LED LH351D
 FWHM / FWTM 52.0° / 81.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



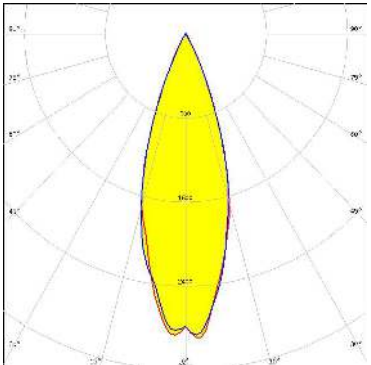

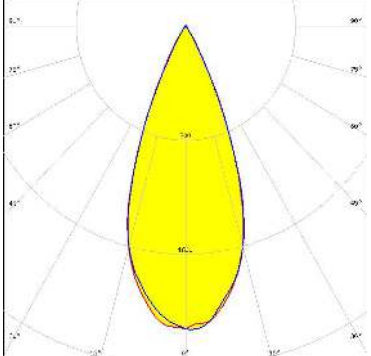
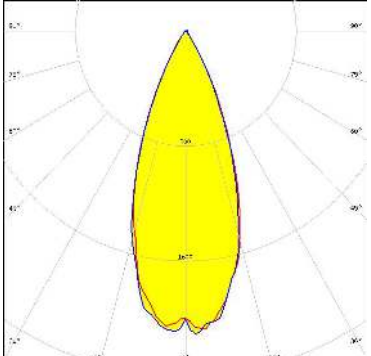
LED Z5M3
 FWHM / FWTM 43.0° / 72.0°
 Efficiency 92 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

	<p>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>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>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>	
	<p>LED OSLOM Black FWHM / FWTM 41.0° / 55.0° Efficiency 95 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Black Flat (LUW HWQP)</p> <p>FWHM / FWTM 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 OSLON Square Flat</p> <p>FWHM / FWTM 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 / FWTM 27.0° / 50.0°</p> <p>Efficiency 93 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SECO SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 40.0° / 62.0°</p> <p>Efficiency 98 %</p> <p>Peak intensity 2.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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