

## LEILA-Y-WW

~55° wide beam. 14.8 mm high assembly with holder, installation tape and pins.

### SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.8 mm
ROHS compliant	yes ⓘ

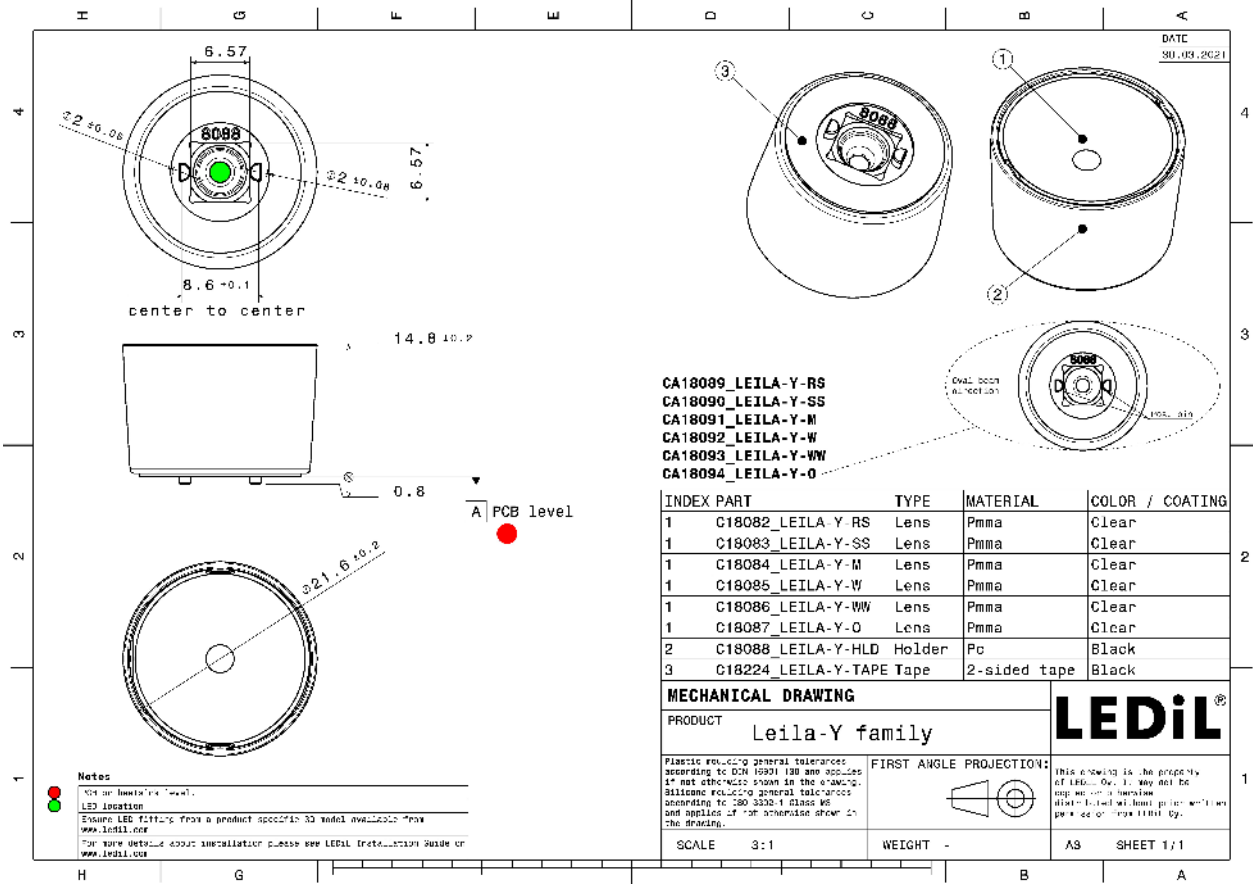


### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18093_LEILA-Y-WW » Box size: 476 x 273 x 197 mm	1800	180	180	6.9

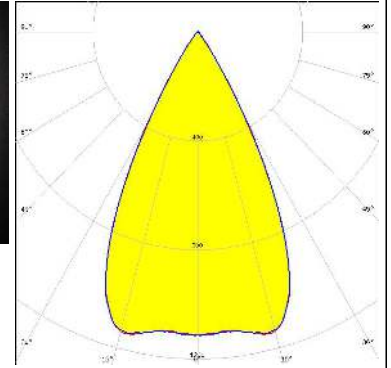


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

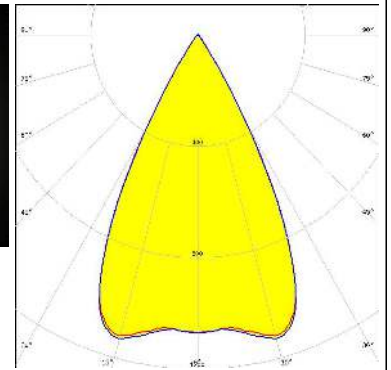
#### CREE LED

LED XHP35 HI  
FWHM / FWTM 54.0° / 69.0°  
Efficiency 85 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

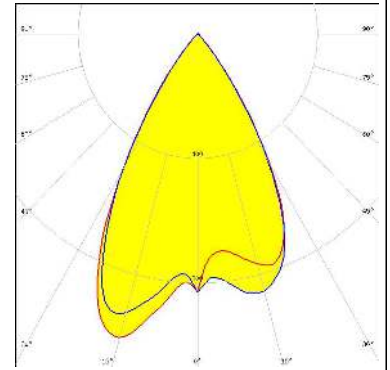
LED NVSW719AC  
FWHM / FWTM 55.0° / 69.0°  
Efficiency 86 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

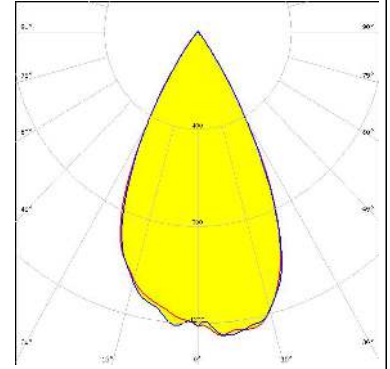
#### CREE → LED

LED XM-L RGBW (XMLDCL HD)  
 FWHM / FWTM 60.0° / 80.0°  
 Efficiency 84 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



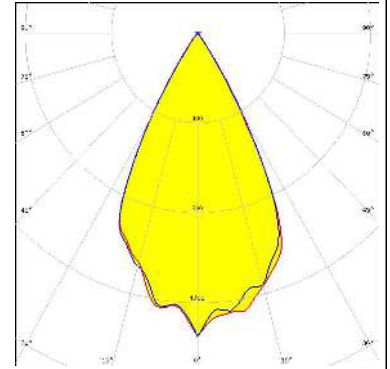
#### CREE → LED

LED XM-L RGBW (XMLDCL HI)  
 FWHM / FWTM 54.0° / 72.0°  
 Efficiency 88 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



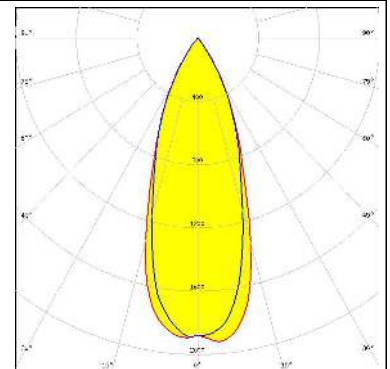
#### CREE → LED

LED XQ-E HI  
 FWHM / FWTM 54.0° / 68.0°  
 Efficiency 88 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

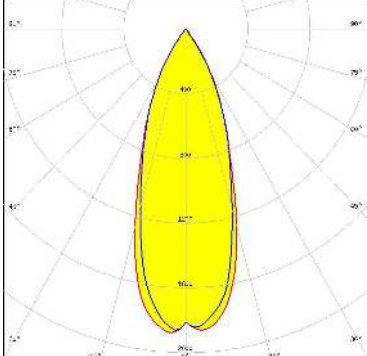
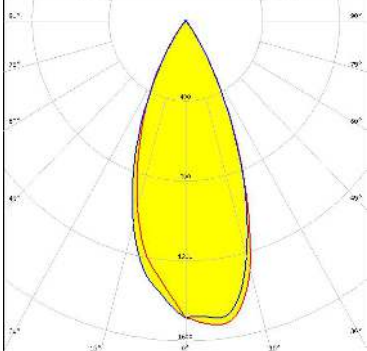
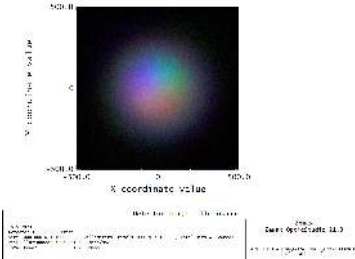
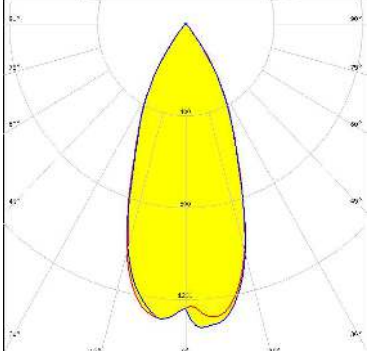
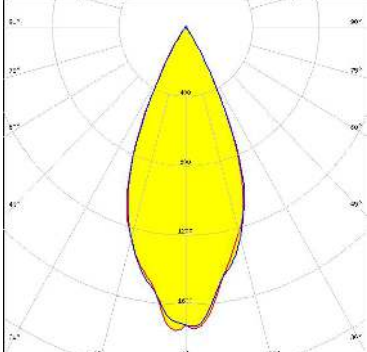


#### LUMILEDS


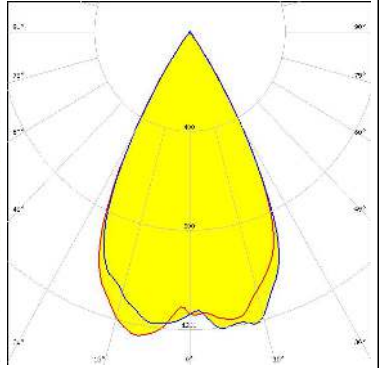

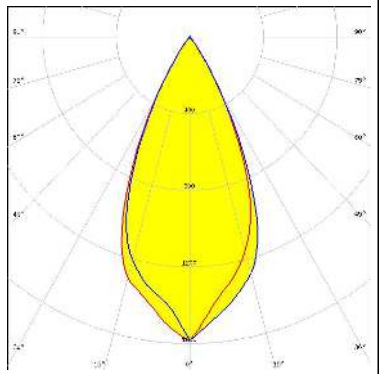
LED LUXEON 5050 Round LES  
 FWHM / FWTM 38.0° / 68.0°  
 Efficiency 87 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 38.0° / 68.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NCSxE17A</p> <p>FWHM / FWTM 42.0° / 67.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>	 
<p><b>NICHIA</b></p> <p>LED NV4x144A</p> <p>FWHM / FWTM 43.0° / 74.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxE21A</p> <p>FWHM / FWTM 44.0° / 62.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

## OPTICAL RESULTS (SIMULATED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: OSLON SSL 150</p> <p>FWHM / FWTM: 55.0° / 68.0°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 1.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 47.0° / 68.0°</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 1.6 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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