

## 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 ⓘ

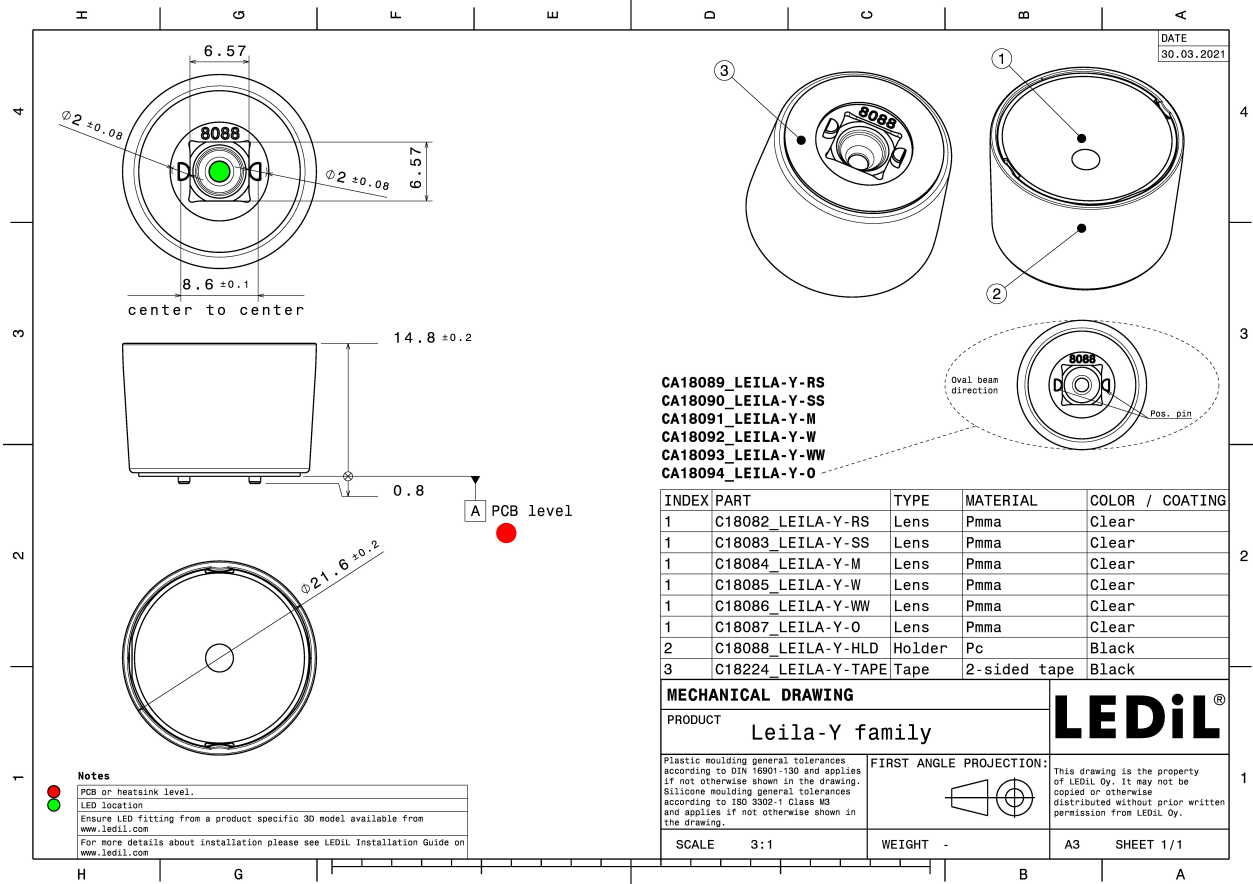


### MATERIALS:

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		

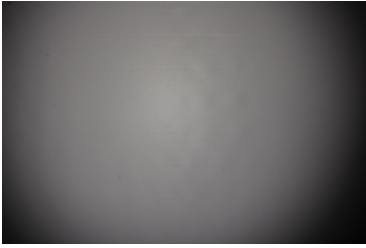
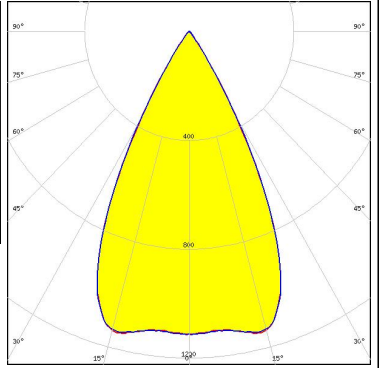
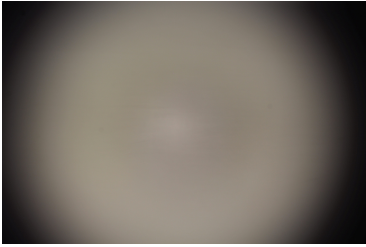
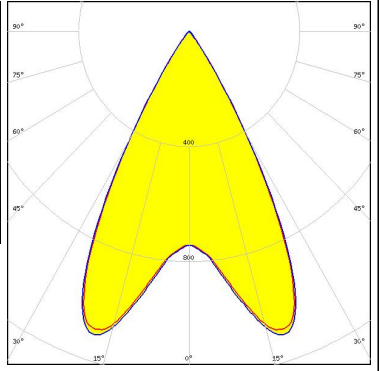

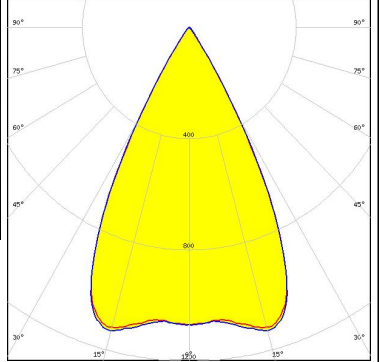
### ORDERING INFORMATION:

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

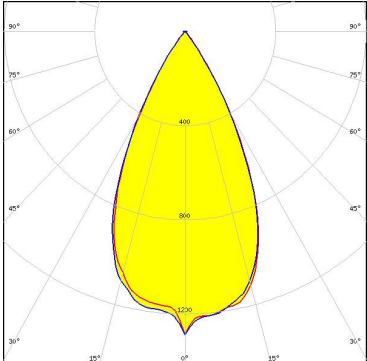
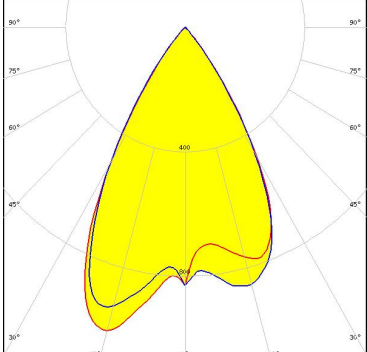
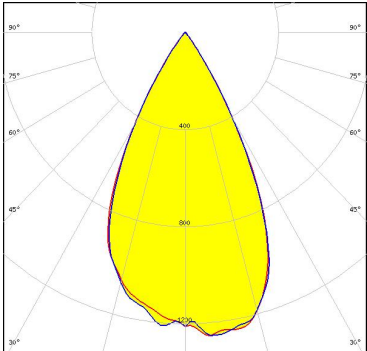
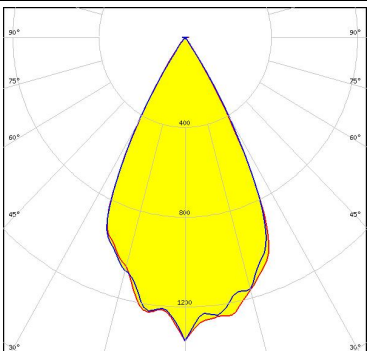


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

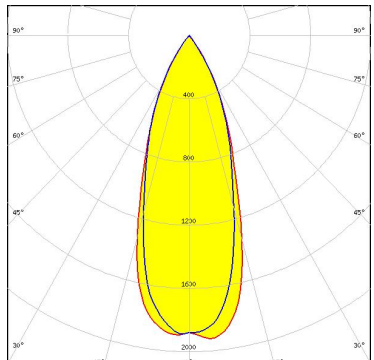
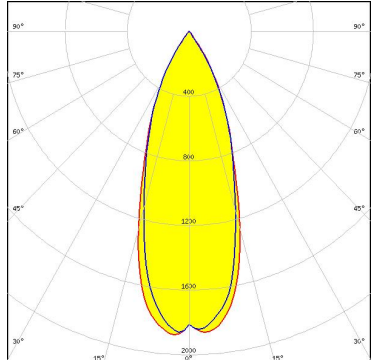
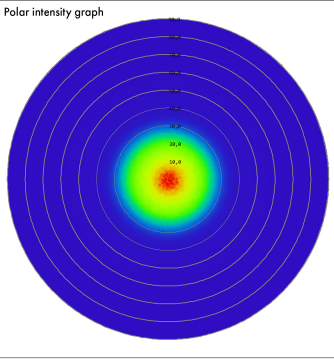
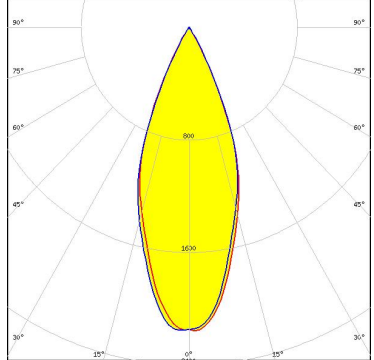
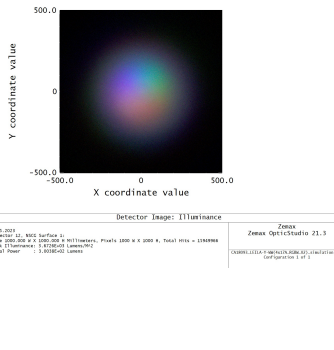
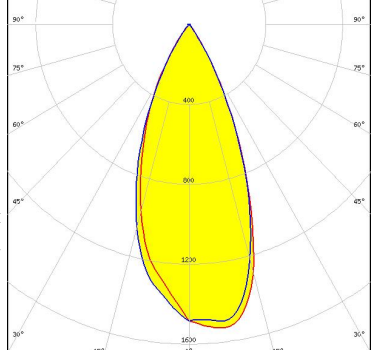
### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</p> <p>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:</p>		
<p><b>CREE</b> LEDs</p> <p>LED XP-G4            FWHM / FWTM 56.0° / 71.0°            Efficiency 87 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>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:</p>		

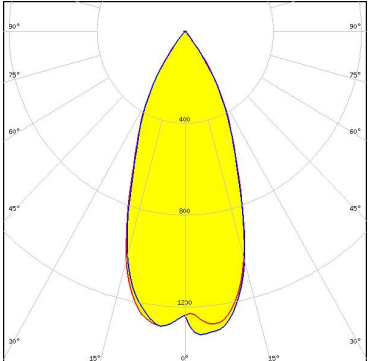
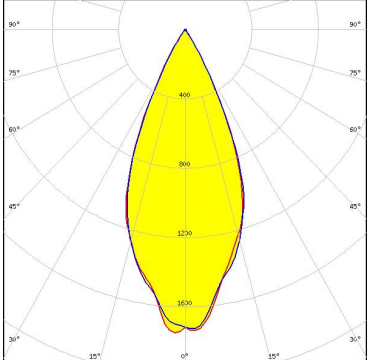

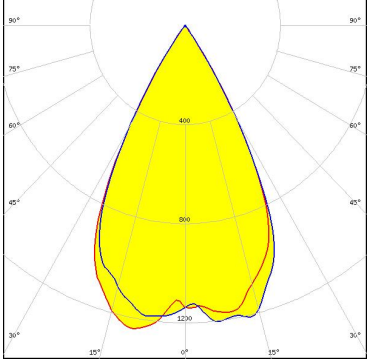
### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LEDs</p> <p>LED XHP35.2 HI            FWHM / FWTM 52.0° / 72.0°            Efficiency 86 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>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:</p>	
<p><b>CREE</b> LEDs</p> <p>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:</p>	
<p><b>CREE</b> LEDs</p> <p>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:</p>	

### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Round 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>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>LUMILEDS</b></p> <p>LED: LUXEON IR domed 50 (L110-0xxx050200000)</p> <p>FWHM / FWTM: 39.0° / 60.0°</p> <p>Efficiency: 88 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>	<p>Polar intensity graph</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>Detector Image: Illuminance</p> <p>Zemax OpticStudio 21.1</p>	

### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NV4x144A            FWHM / FWTM: 43.0° / 74.0°            Efficiency: 77 %            Peak intensity: 1.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NV5xE21A            FWHM / FWTM: 44.0° / 62.0°            Efficiency: 83 %            Peak intensity: 1.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: OSOLON SSL 150            FWHM / FWTM: 55.0° / 68.0°            Efficiency: 88 %            Peak intensity: 1.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	 
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED: Z5M4            FWHM / FWTM: 47.0° / 68.0°            Efficiency: 89 %            Peak intensity: 1.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	