

## LEILA-Y-SS

~14° smooth spot beam. 14.8 mm high assembly with holder, installation tape and pins.

### SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

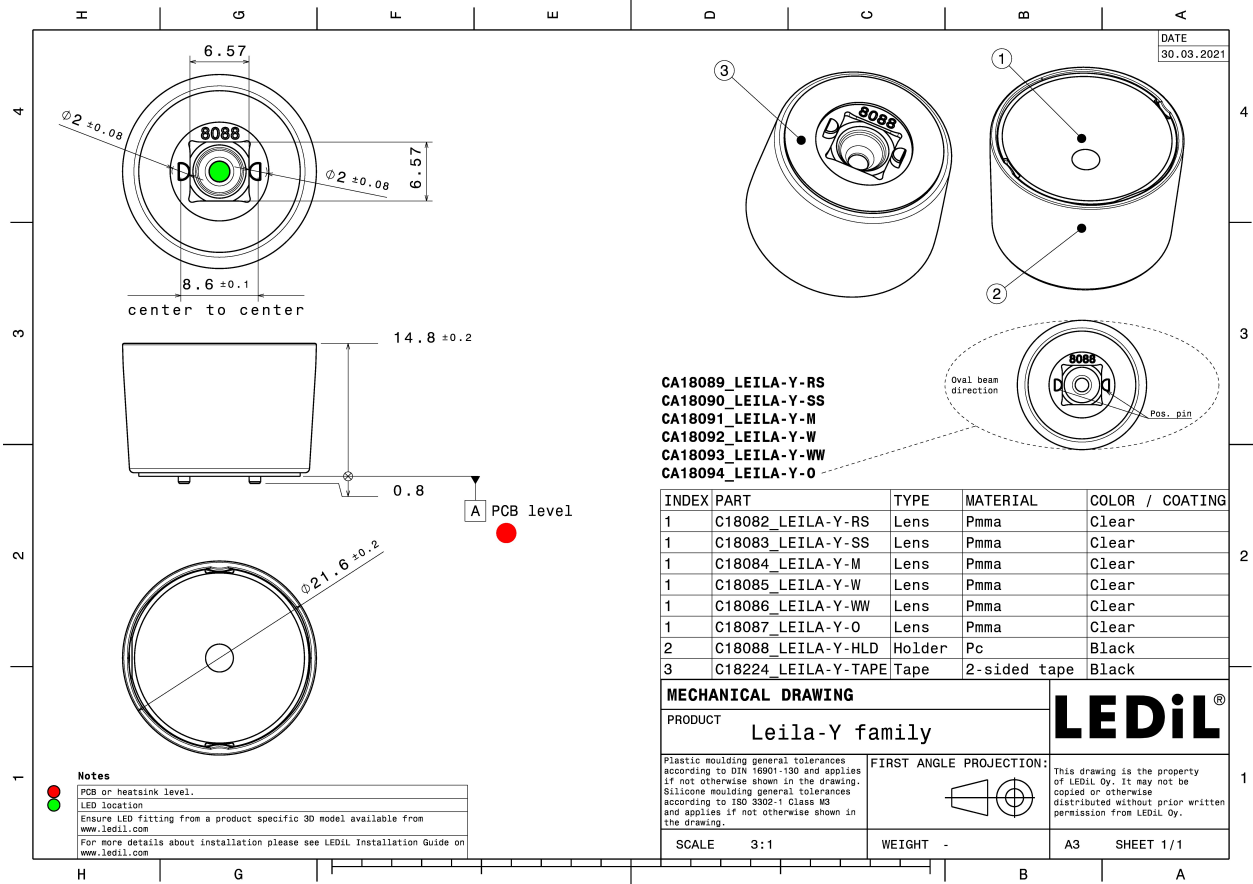
### MATERIALS:

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

### ORDERING INFORMATION:


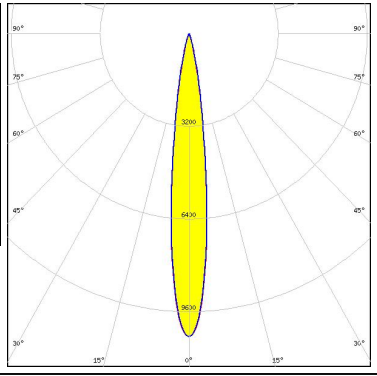

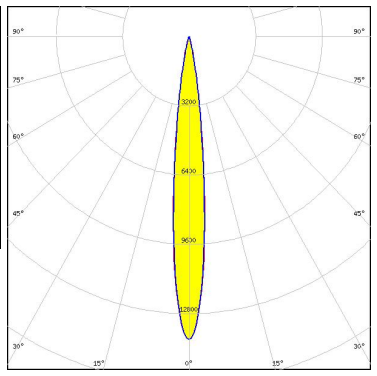
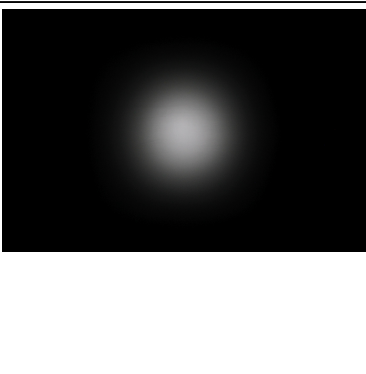
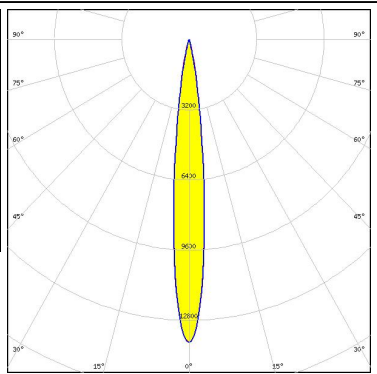
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18090_LEILA-Y-SS » Box size: 476 x 273 x 197 mm	1800	180	180	7.2





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

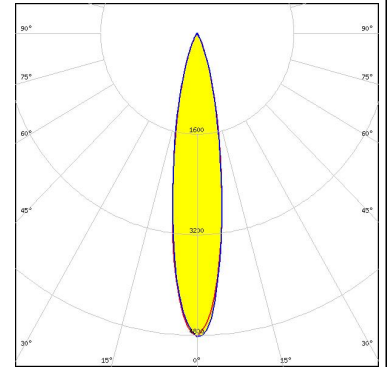
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LED</p> <p>LED XHP35 HI            FWHM / FWTM 14.0° / 27.0°            Efficiency 83 %            Peak intensity 10.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW719AC            FWHM / FWTM 12.0° / 24.0°            Efficiency 85 %            Peak intensity 14 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSOLON Square CSSRM2/CSSRM3            FWHM / FWTM 12.0° / 24.0°            Efficiency 84 %            Peak intensity 13.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

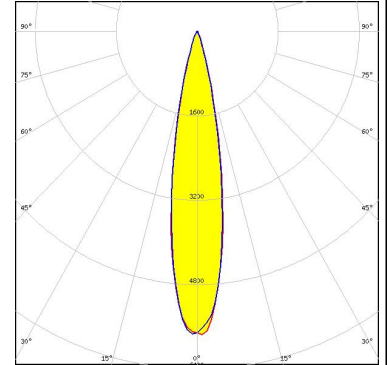
#### OPTICAL RESULTS (SIMULATED):



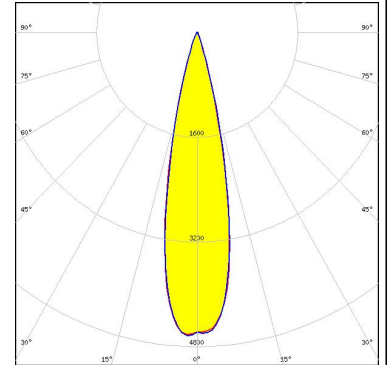
LED J Series 5050 Round LES  
 FWHM / FWTM 19.0° / 42.0°  
 Efficiency 82 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



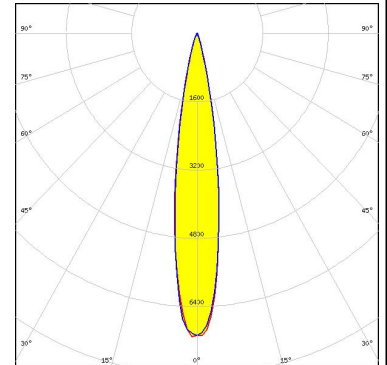
LED XHP35 HD  
 FWHM / FWTM 20.0° / 36.0°  
 Efficiency 83 %  
 Peak intensity 5.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




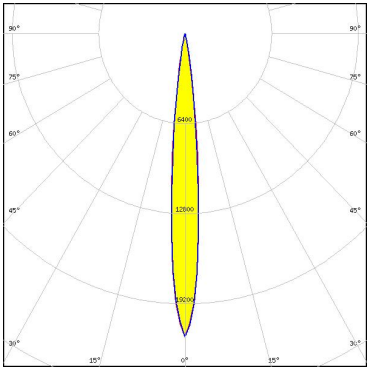

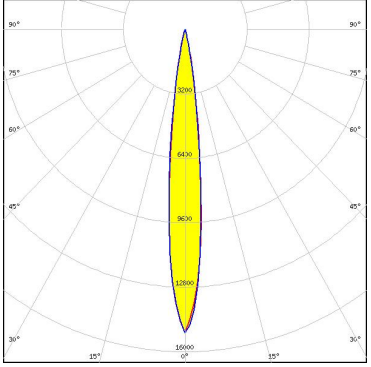

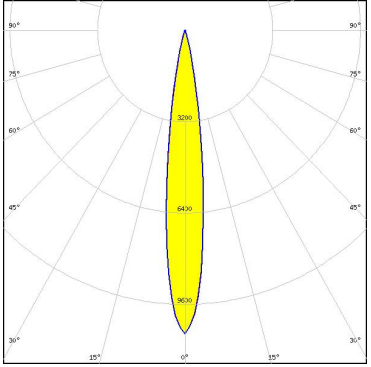

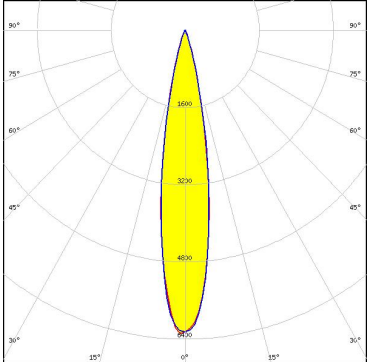
LED XM-L RGBW (XMLDCL HD)  
 FWHM / FWTM 24.0° / 38.0°  
 Efficiency 83 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



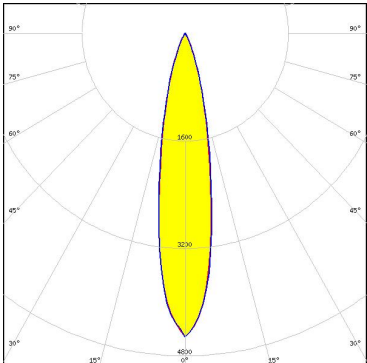
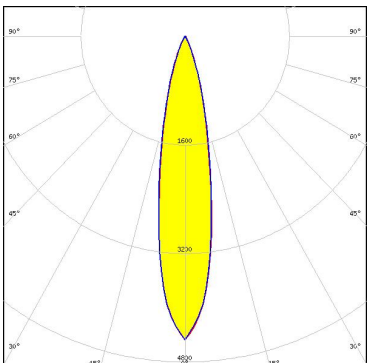
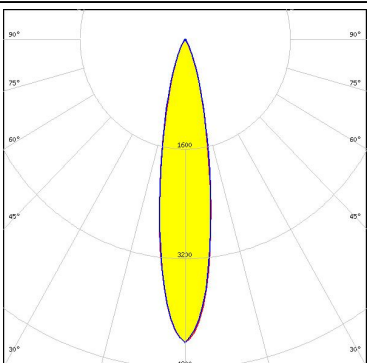
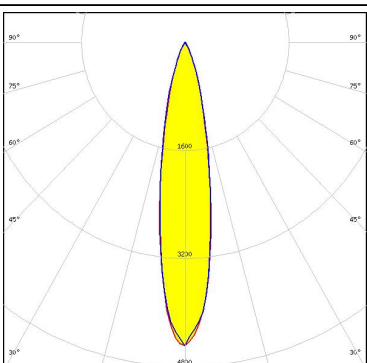
LED XM-L3  
 FWHM / FWTM 17.0° / 31.0°  
 Efficiency 80 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

	<p>LED: XP-E2            FWHM / FWTM: 11.0° / 20.0°            Efficiency: 91 %            Peak intensity: 21 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: XP-G2            FWHM / FWTM: 13.0° / 24.0°            Efficiency: 90 %            Peak intensity: 15 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: XP-G3            FWHM / FWTM: 14.0° / 27.0°            Efficiency: 84 %            Peak intensity: 10 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: XP-L2            FWHM / FWTM: 18.0° / 34.0°            Efficiency: 81 %            Peak intensity: 6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

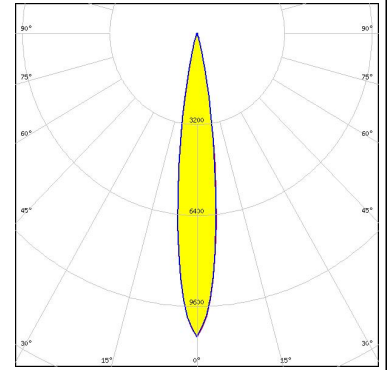
#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 20.0° / 43.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 4.5 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 Round LES</p> <p>FWHM / FWTM 20.0° / 42.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 4.5 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 20.0° / 44.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.4 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 20.0° / 43.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

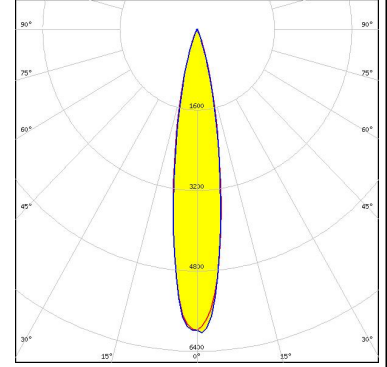
##### LUMILEDS

LED LUXEON HL2X  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 87 %  
 Peak intensity 10.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



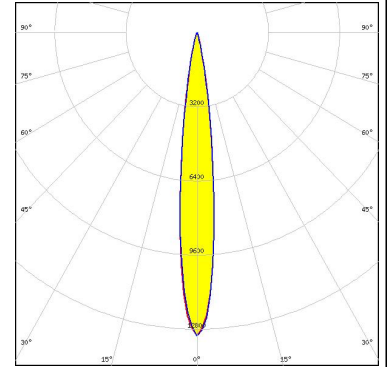
##### LUMILEDS

LED LUXEON MZ  
 FWHM / FWTM 18.0° / 36.0°  
 Efficiency 84 %  
 Peak intensity 6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



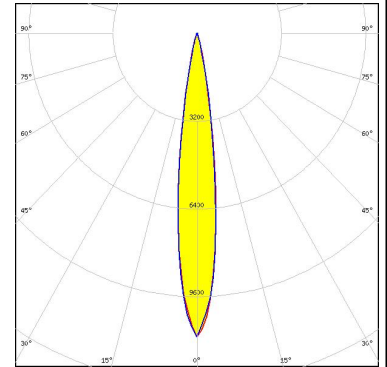
##### LUMILEDS

LED LUXEON TX  
 FWHM / FWTM 13.0° / 25.0°  
 Efficiency 88 %  
 Peak intensity 13 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

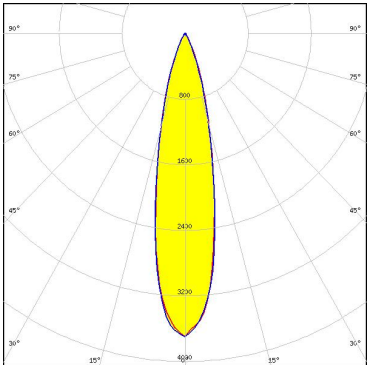
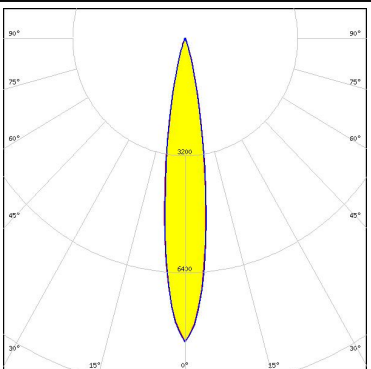
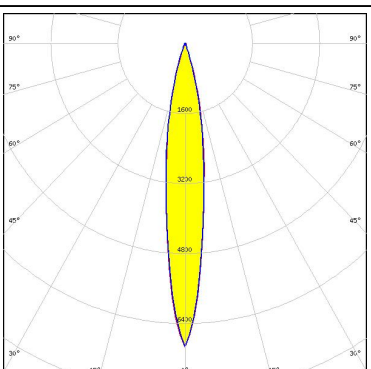
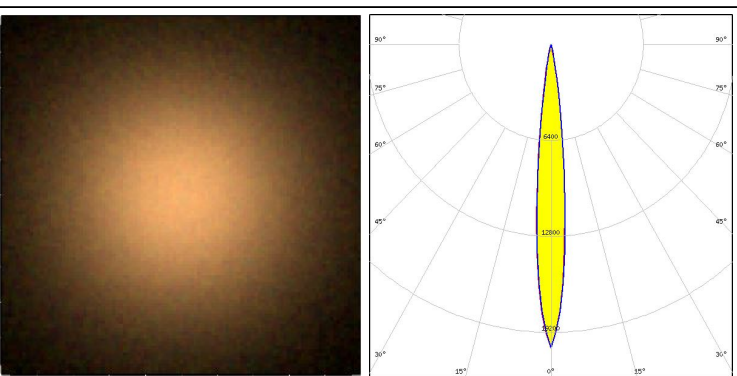


##### NICHIA

LED NVSW219F  
 FWHM / FWTM 14.0° / 27.0°  
 Efficiency 88 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

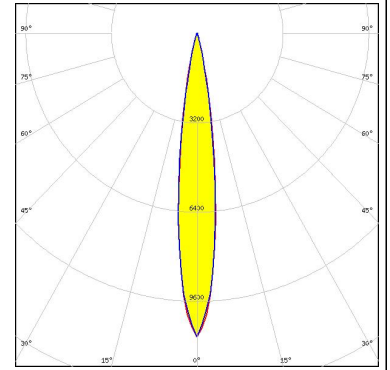
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 23.0° / 47.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 3.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM 16.0° / 32.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 8.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON PURE 1010</p> <p>FWHM / FWTM 15.0° / 34.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 6.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON SSL 150</p> <p>FWHM / FWTM 11.0° / 21.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 20 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	



### OPTICAL RESULTS (SIMULATED):

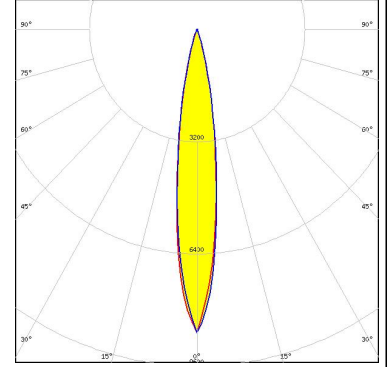
#### SAMSUNG

LED LH351B  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 86 %  
Peak intensity 11 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z5M4  
FWHM / FWTM 16.0° / 32.0°  
Efficiency 87 %  
Peak intensity 8.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### 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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