

LEILA-Y-RS

~10° 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 ⓘ

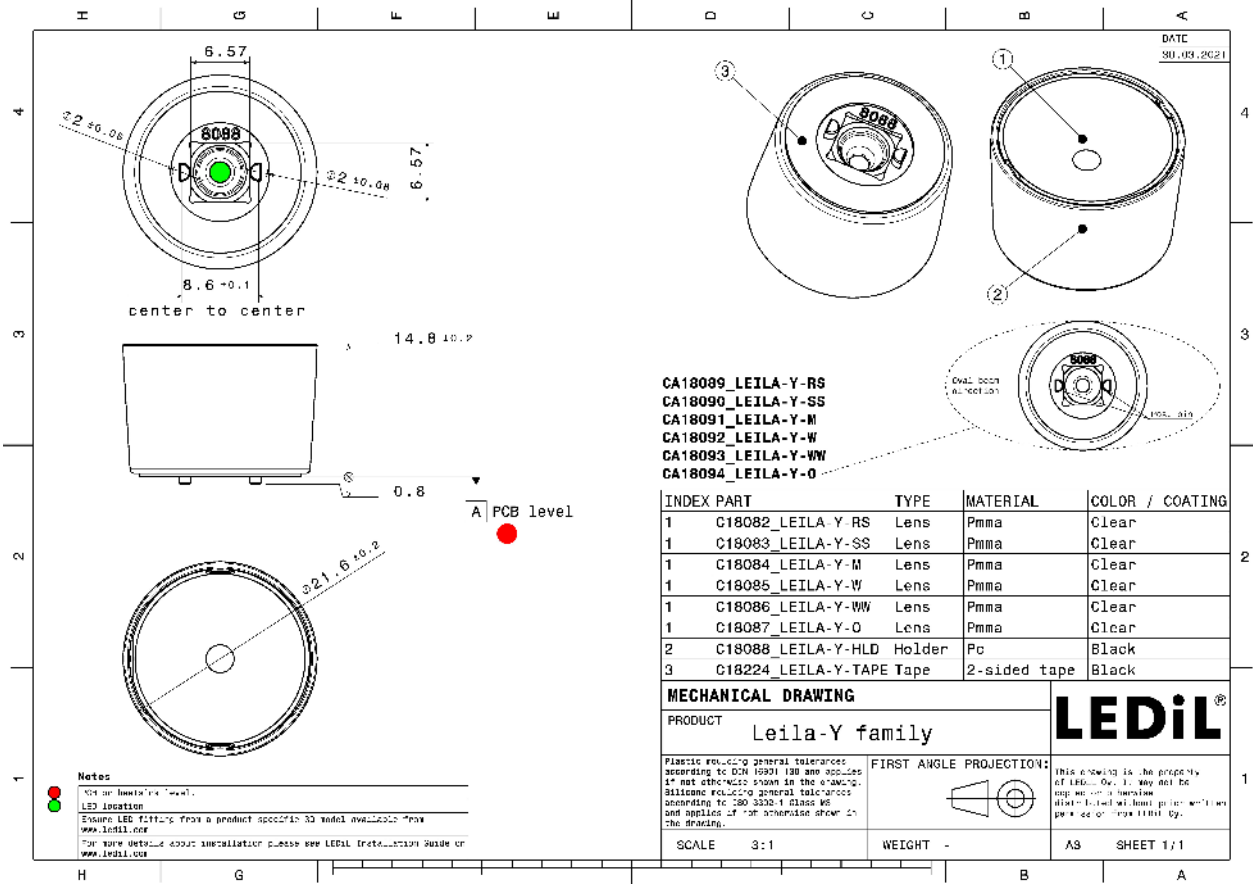


MATERIALS:

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


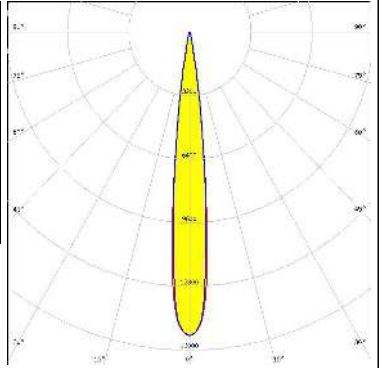
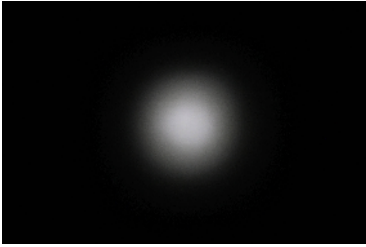
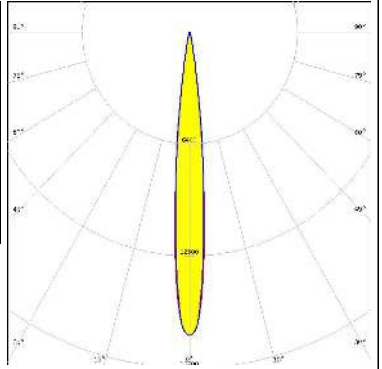
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18089_LEILA-Y-RS » Box size: 476 x 273 x 197 mm	1800	180	180	7.6


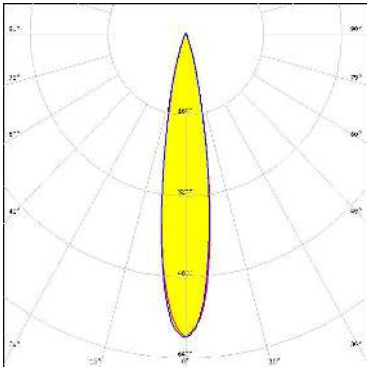

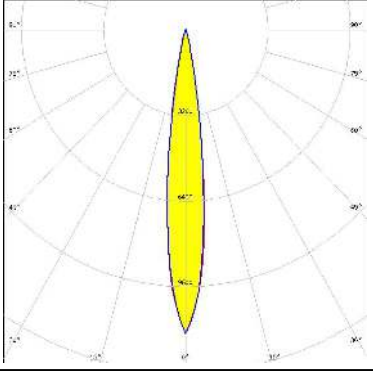

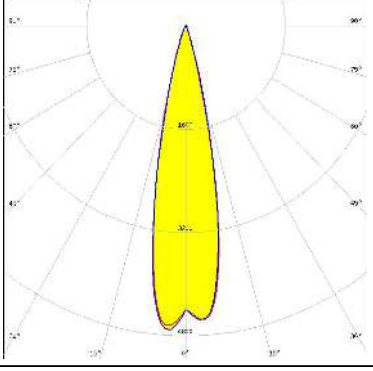

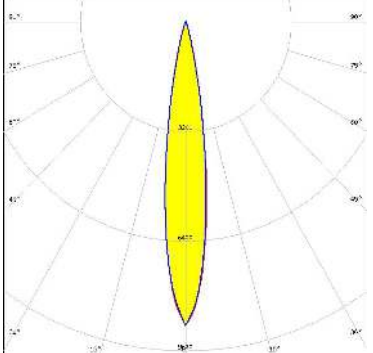


See also our general installation guide: www.ledil.com/installation_guide


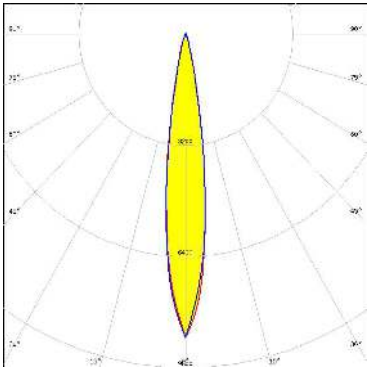

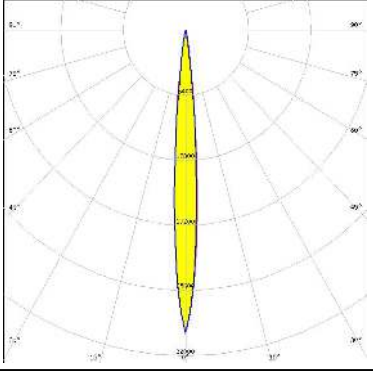

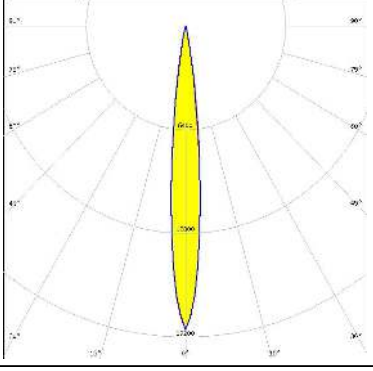

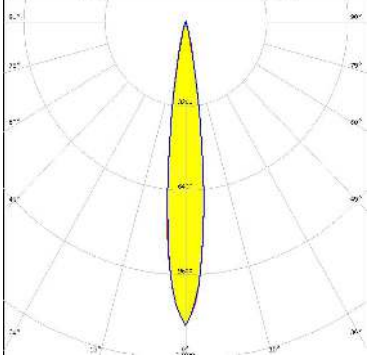
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSW719AC FWHM / FWTM 12.0° / 21.0° Efficiency 87 % Peak intensity 15.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 11.0° / 20.0° Efficiency 87 % Peak intensity 17.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

	<p>LED XHP35 HD FWHM / FWTM 18.0° / 35.0° Efficiency 79 % Peak intensity 6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP35 HI FWHM / FWTM 14.0° / 26.0° Efficiency 87 % Peak intensity 11.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L RGBW (XMLDCL HD) FWHM / FWTM 22.0° / 36.0° Efficiency 80 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>	
	<p>LED XM-L2 FWHM / FWTM 16.0° / 30.0° Efficiency 85 % Peak intensity 8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

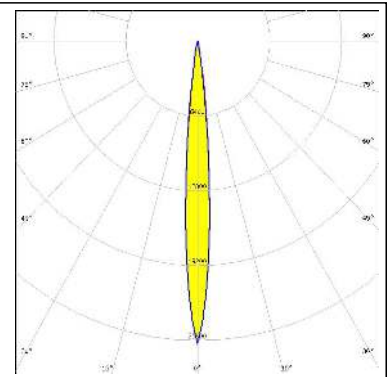
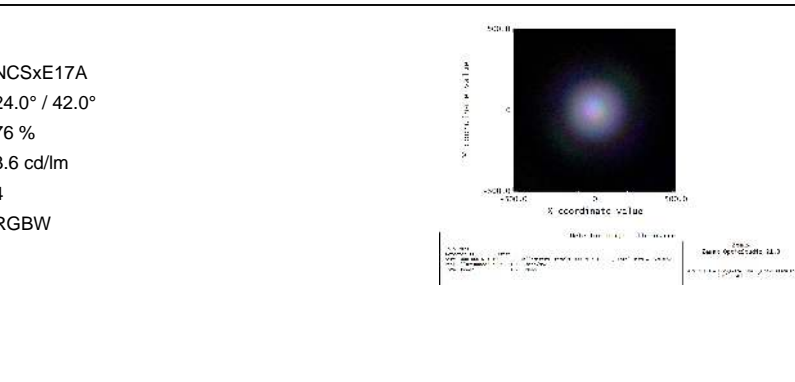
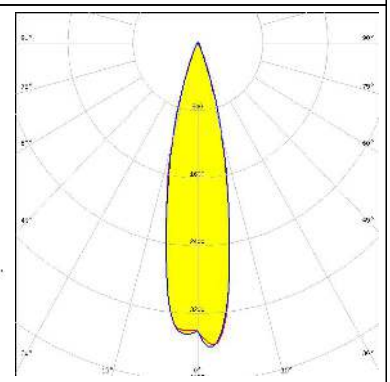
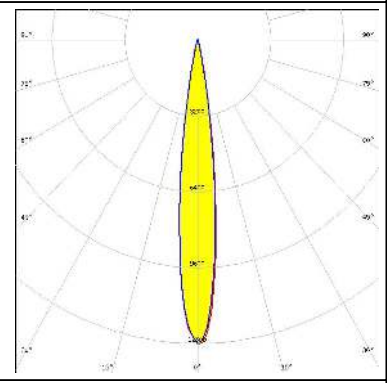
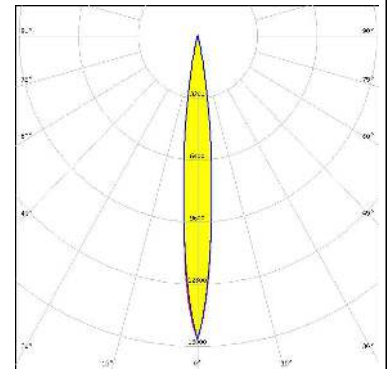
OPTICAL RESULTS (SIMULATED):

	<p>LED XM-L3 FWHM / FWTM 15.0° / 29.0° Efficiency 80 % Peak intensity 8.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XP-E2 FWHM / FWTM 9.0° / 18.0° Efficiency 91 % Peak intensity 30 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XP-G2 FWHM / FWTM 11.0° / 21.0° Efficiency 90 % Peak intensity 19 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XP-G3 FWHM / FWTM 13.9° / 25.4° Efficiency 85 % Peak intensity 11.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

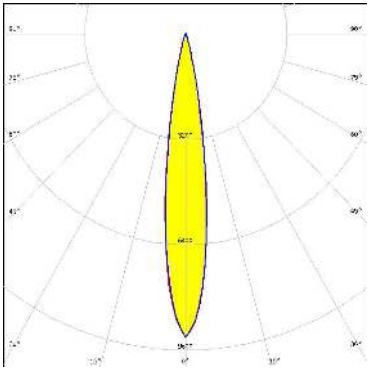
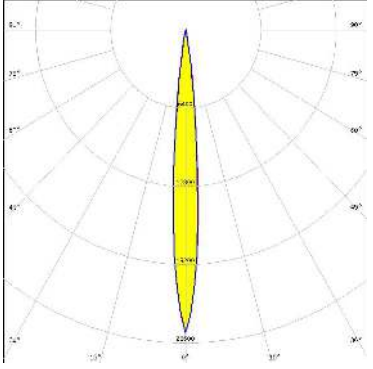
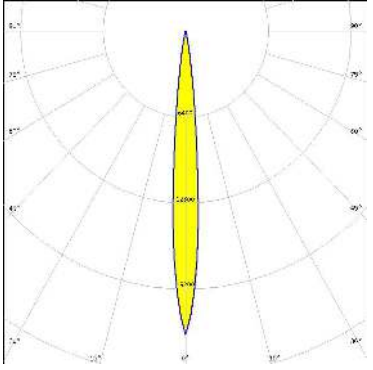

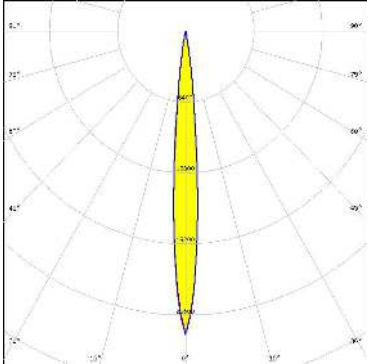
OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XP-L2 FWHM / FWTM: 18.0° / 32.0° Efficiency: 81 % Peak intensity: 7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 5050 Round LES FWHM / FWTM: 22.0° / 40.0° Efficiency: 81 % Peak intensity: 4.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 5050 Square LES FWHM / FWTM: 20.0° / 40.0° Efficiency: 81 % Peak intensity: 4.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 12.0° / 23.0° Efficiency: 88 % Peak intensity: 16 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON Z ES</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 26 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NCSxE17A</p> <p>FWHM / FWTM 24.0° / 42.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 3.6 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F</p> <p>FWHM / FWTM 14.0° / 25.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 12 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxE21A</p> <p>FWHM / FWTM 12.0° / 24.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 15.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

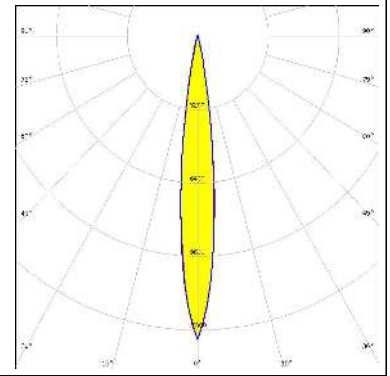
OPTICAL RESULTS (SIMULATED):

OSRAM <small>Opto Semiconductors</small>	<p>LED OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM 16.0° / 28.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 9.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 24.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Far Red</p> <p>Required components:</p>		
OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON Square Flat</p> <p>FWHM / FWTM 10.0° / 20.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 22.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON SSL 150</p> <p>FWHM / FWTM 9.0° / 18.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 27 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

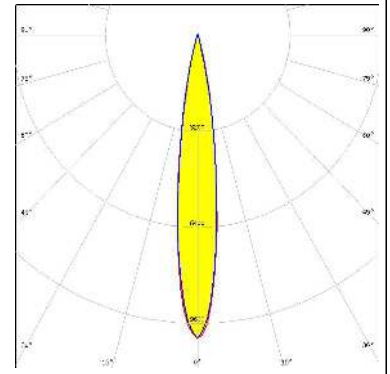
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351B
FWHM / FWTM 13.0° / 24.0°
Efficiency 86 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z5M4
FWHM / FWTM 15.0° / 28.0°
Efficiency 87 %
Peak intensity 10.1 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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