

LEILA-Y-O

~45° + 15° oval 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 ⓘ

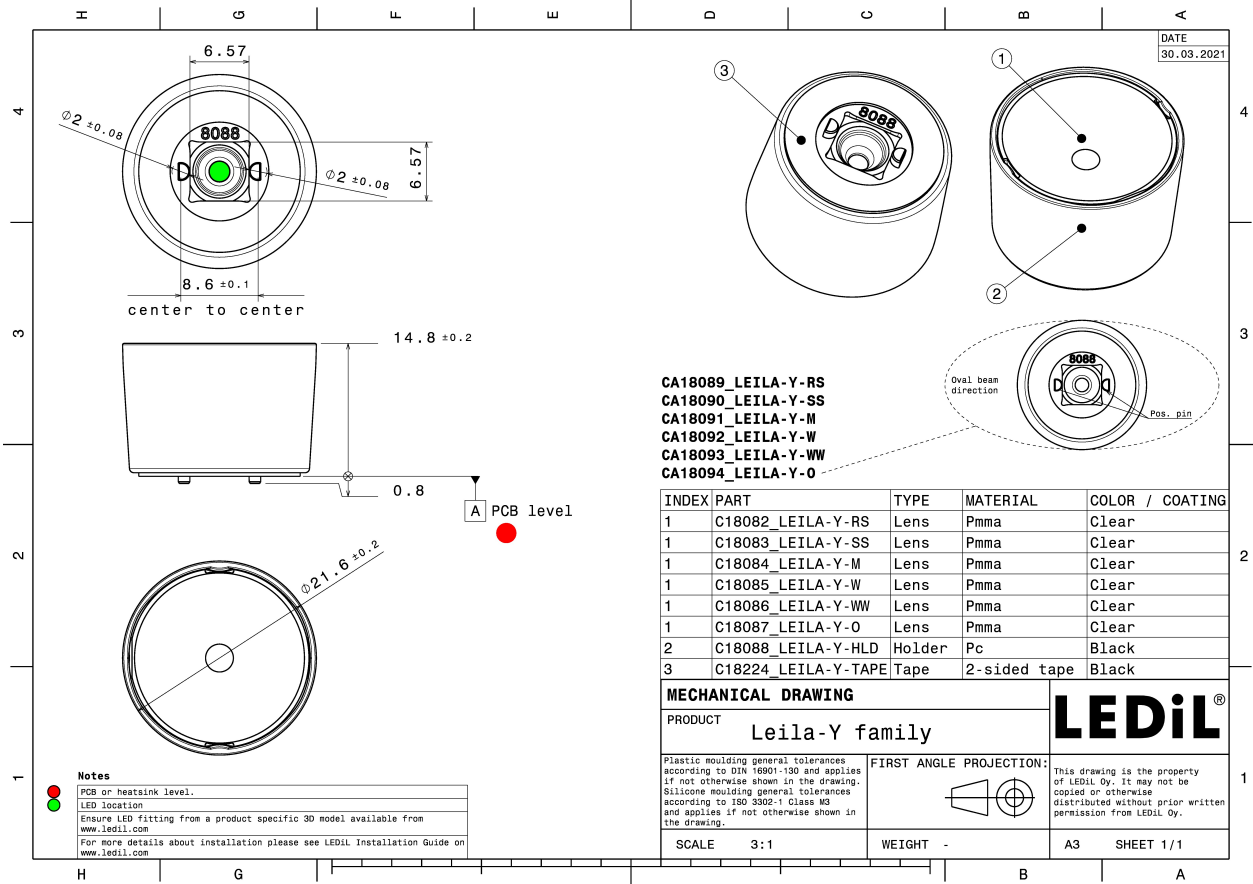
MATERIALS:

Component	Type	Material	Colour	Finish
LEILA-Y-O	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)
CA18094_LEILA-Y-O » Box size: 476 x 273 x 197 mm	1800	180	180	7.6



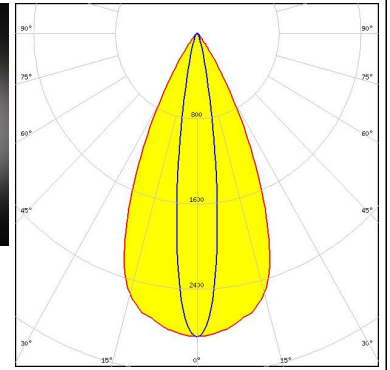
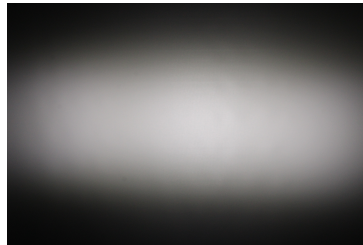


See also our general installation guide: www.ledil.com/installation_guide

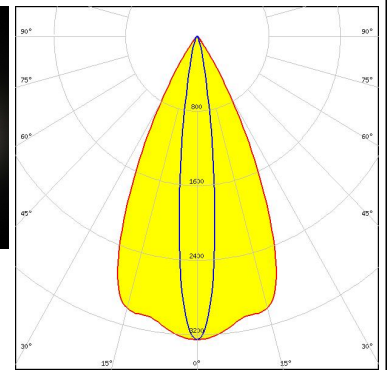
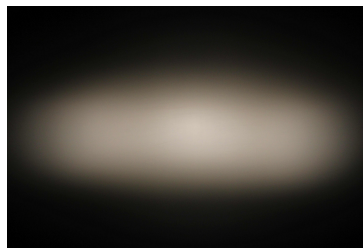
OPTICAL RESULTS (MEASURED):



LED XHP35 HI
FWHM / FWTM 49.0 + 16.0° / 70.0 + 31.0°
Efficiency 80 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



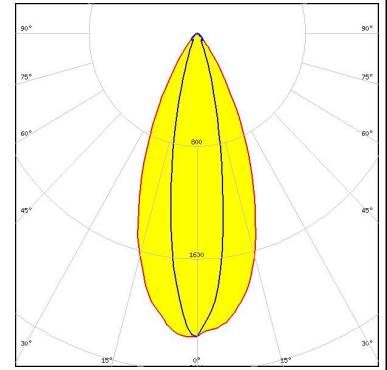
LED NVSW719AC
FWHM / FWTM 50.0 + 14.0° / 68.0 + 28.0°
Efficiency 81 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

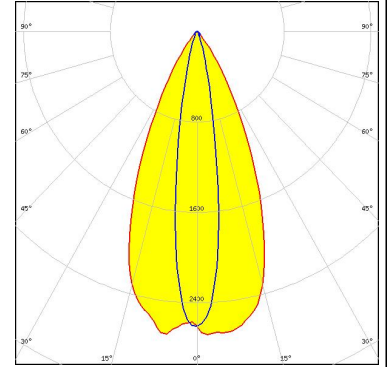
CREE LED

LED J Series 5050 Round LES
 FWHM / FWTM 20.0 + 44.0°
 Efficiency 78 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



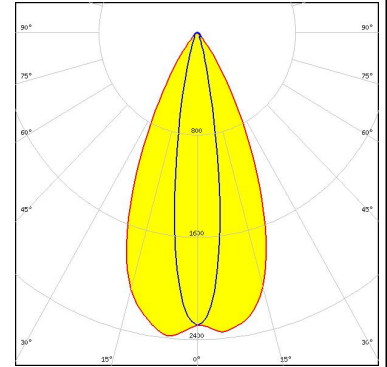
CREE LED

LED XM-L2
 FWHM / FWTM 17.0 + 47.0°
 Efficiency 81 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



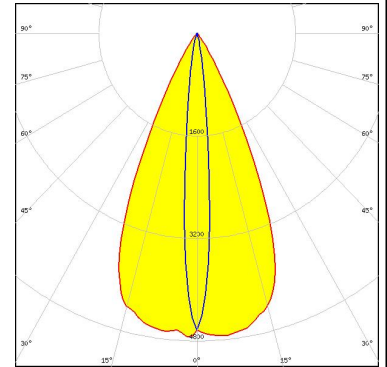
CREE LED

LED XM-L3
 FWHM / FWTM 17.0 + 48.0°
 Efficiency 76 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

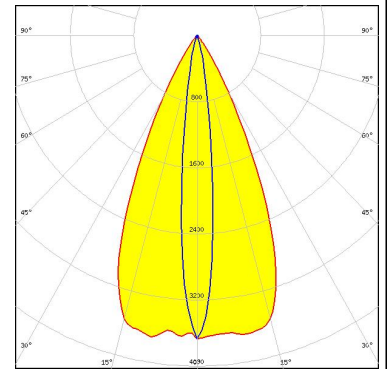
LED XP-E2
 FWHM / FWTM 10.0 + 49.0°
 Efficiency 85 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

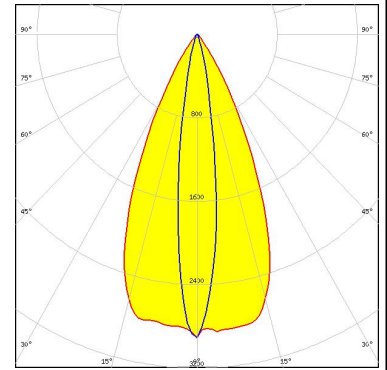
CREE LED

LED XP-G2
 FWHM / FWTM 13.0 + 49.0°
 Efficiency 84 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



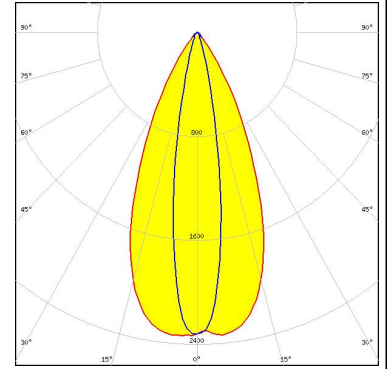
CREE LED

LED XP-G3
 FWHM / FWTM 15.0 + 48.0°
 Efficiency 80 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



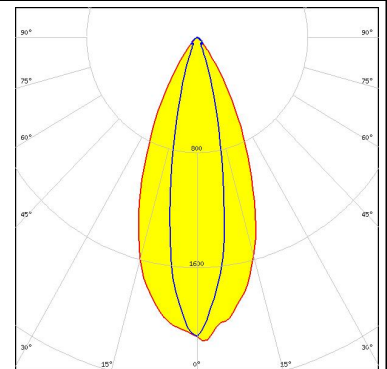
CREE LED

LED XP-L2
 FWHM / FWTM 18.0 + 47.0°
 Efficiency 77 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

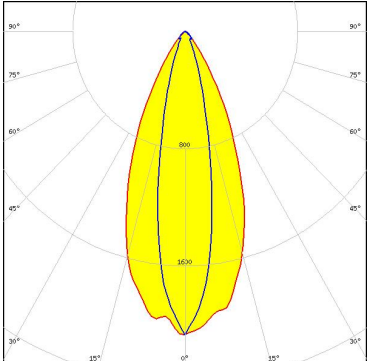
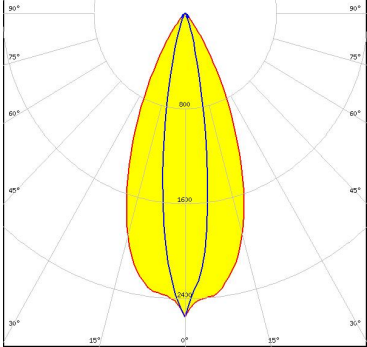
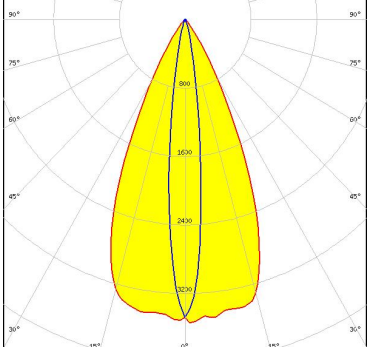
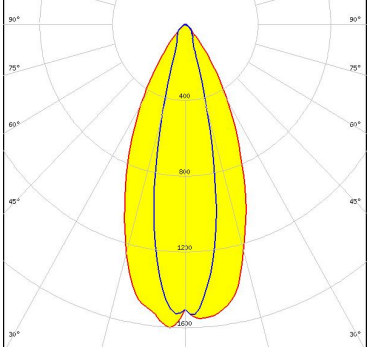


LUMILEDS

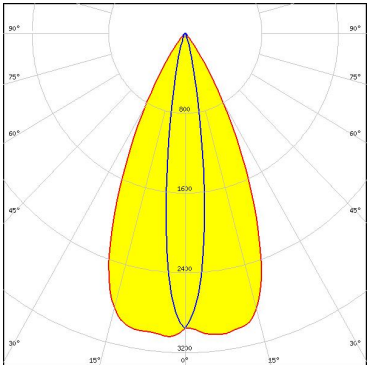
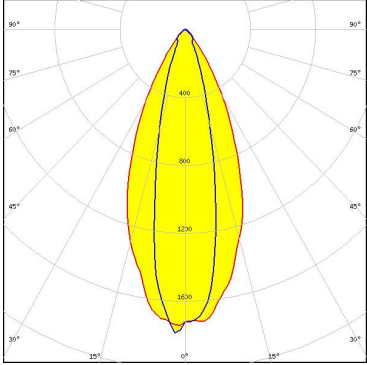
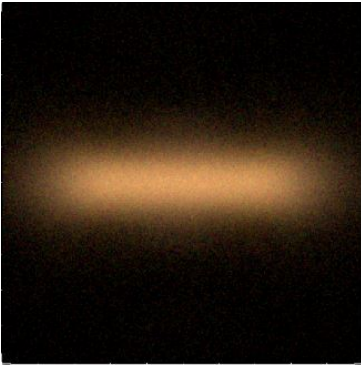
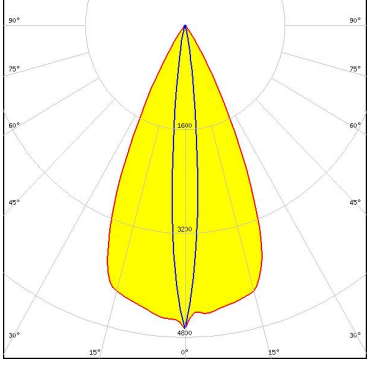
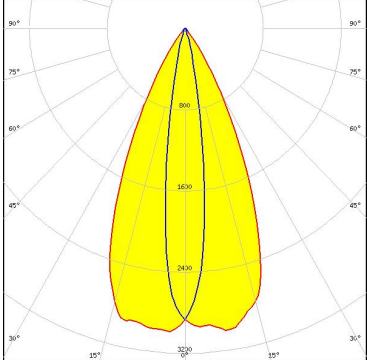
LED LUXEON 5050 Round LES
 FWHM / FWTM 21.0 + 44.0°
 Efficiency 78 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 21.0 + 44.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON MZ</p> <p>FWHM / FWTM 17.0 + 43.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM / FWTM 13.0 + 48.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NV4x144A</p> <p>FWHM / FWTM 46.0 + 24.0° / 78.0 + 42.0°</p> <p>Efficiency 69 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 15.0 + 50.0° Efficiency: 83 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S8 FWHM / FWTM: 24.0 + 44.0° Efficiency: 77 % Peak intensity: 1.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLON SSL 150 FWHM / FWTM: 10.0 + 49.0° Efficiency: 84 % Peak intensity: 4.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	 
<p>SAMSUNG</p> <p>LED: LH351B FWHM / FWTM: 15.0 + 49.0° Efficiency: 81 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):



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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