

## TINA-Y-O

~45° + 15° oval beam. Assembly with holder, installation tape and pins.

### SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes 

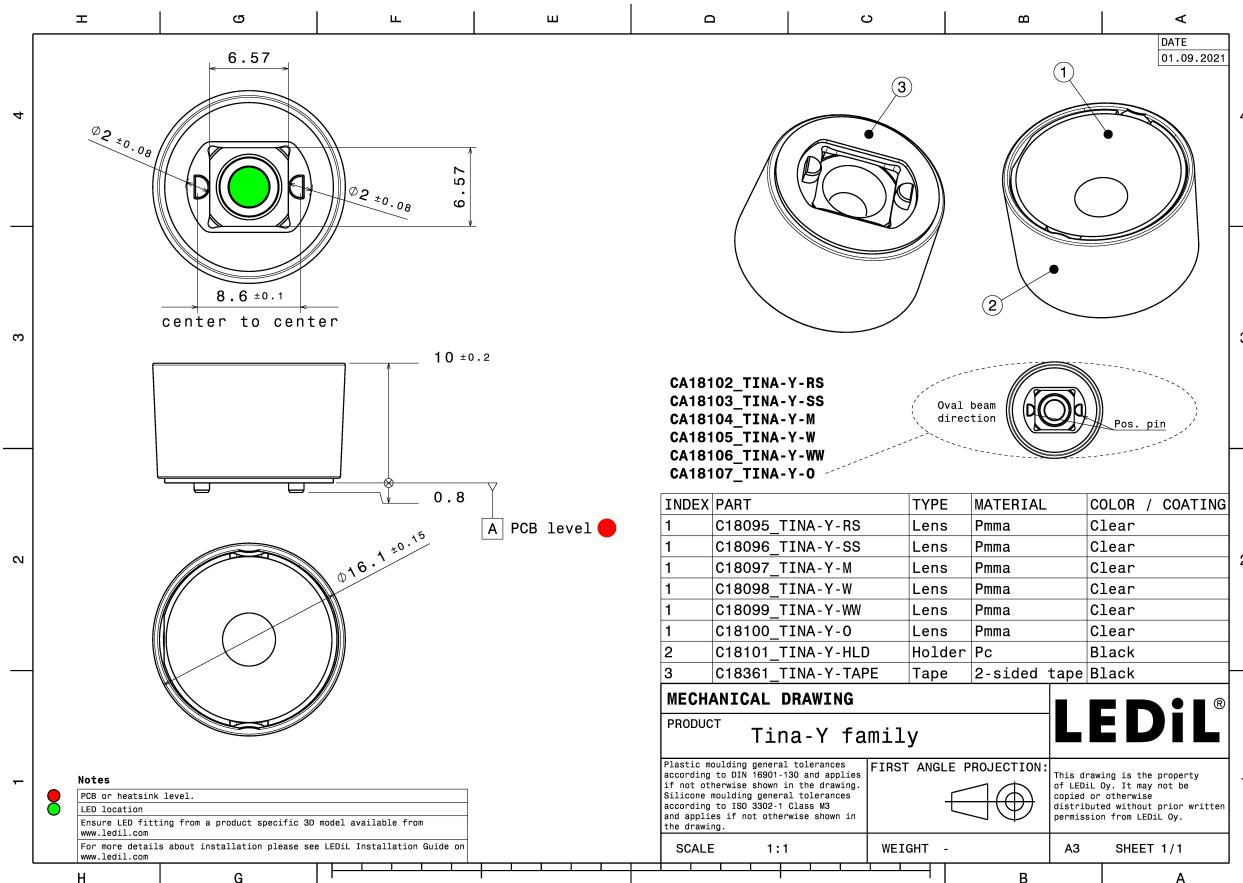


### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18107_TINA-Y-O » Box size: 476 x 273 x 197 mm	3900	300	300	6.5

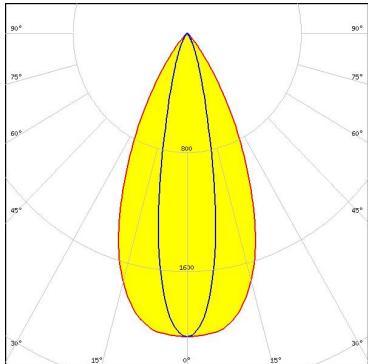
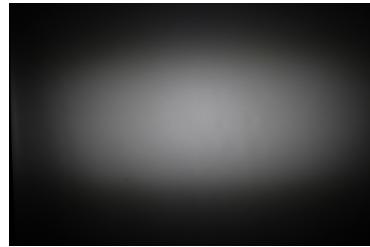


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

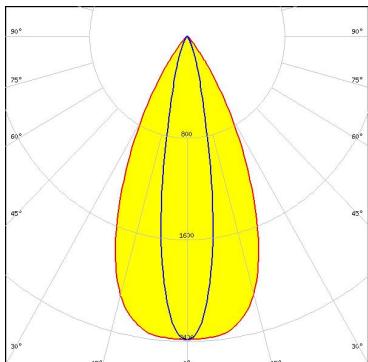
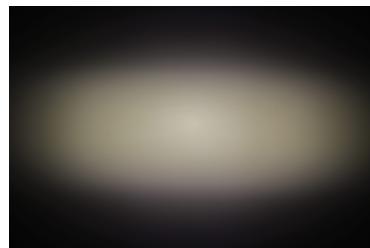
## OPTICAL RESULTS (MEASURED):



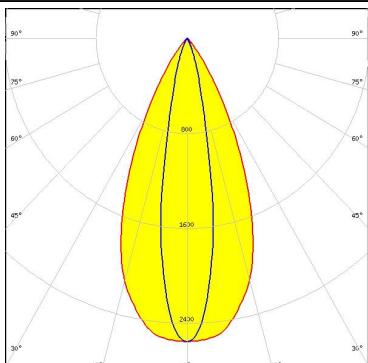
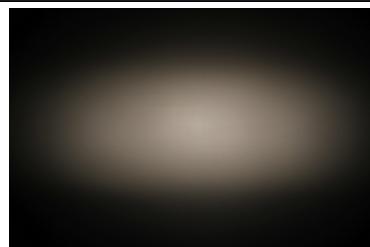
LED XP-G3  
FWHM / FWTM 49.0 + 22.0° / 76.0 + 44.0°  
Efficiency 74 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



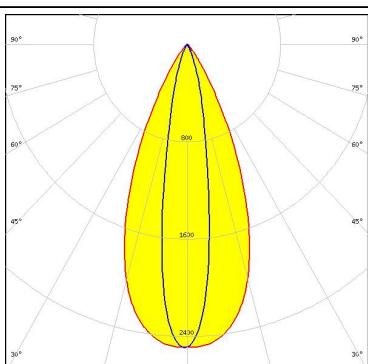
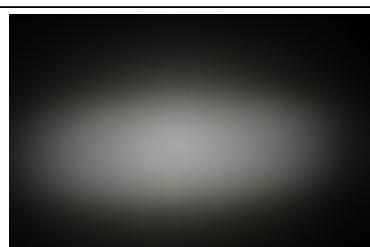
LED XP-G4  
FWHM / FWTM 50.0 + 20.0° / 75.0 + 40.0°  
Efficiency 79 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSW719AC  
FWHM / FWTM 47.0 + 20.0° / 73.0 + 38.0°  
Efficiency 79 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ C 3030  
FWHM / FWTM 46.0 + 18.0° / 70.0 + 40.0°  
Efficiency 74 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

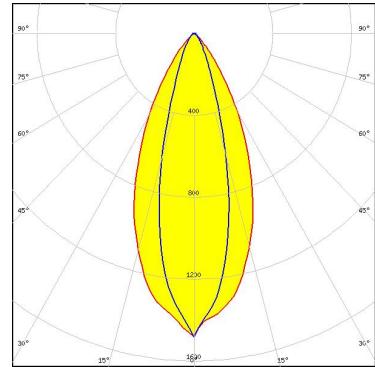


## OPTICAL RESULTS (SIMULATED):



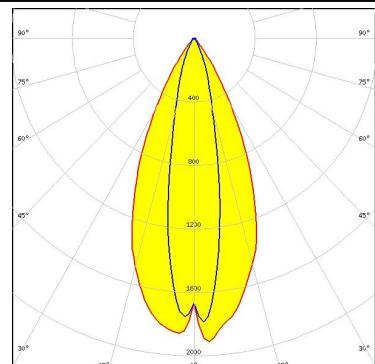
LED	XHP35.2 HD
FWHM / FWTM	46.0 + 27.0° / 80.0 + 54.0°
Efficiency	69 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



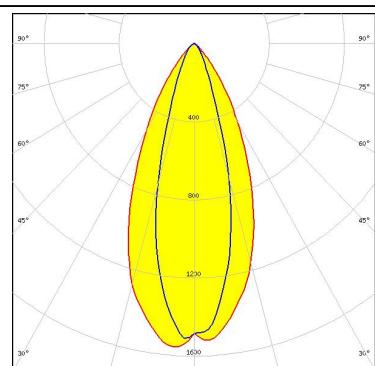
LED	XHP35.2 HI
FWHM / FWTM	46.0 + 22.0° / 73.0 + 47.0°
Efficiency	69 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



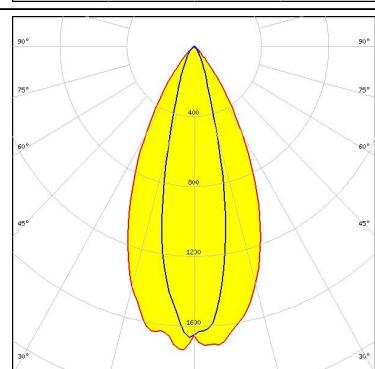
LED	XM-L RGBW (XMLDCL HD)
FWHM / FWTM	47.0 + 30.0° / 81.0 + 56.0°
Efficiency	77 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	RGBW

Required components:



LED	XM-L3
FWHM / FWTM	24.0 + 50.0°
Efficiency	73 %
LEDs/each optic	1
Light colour	White

Required components:

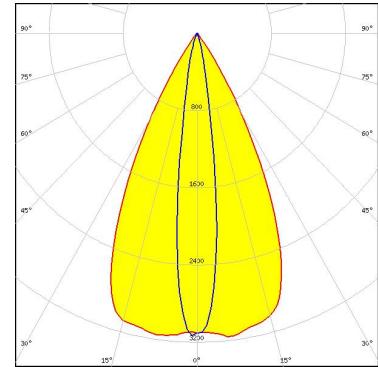


## OPTICAL RESULTS (SIMULATED):



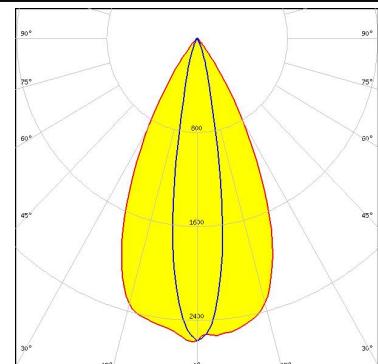
LED	XP-E2
FWHM / FWTM	15.0 + 52.0° / 29.0 + 70.0°
Efficiency	81 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



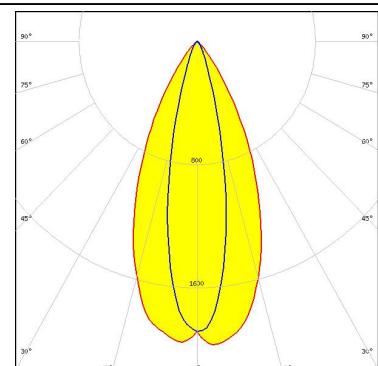
LED	XP-G2
FWHM / FWTM	19.0 + 51.0°
Efficiency	80 %
LEDs/each optic	1
Light colour	White

Required components:



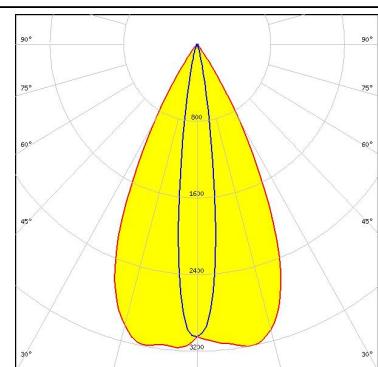
LED	XP-L HD
FWHM / FWTM	48.0 + 24.0° / 76.0 + 44.0°
Efficiency	77 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	XQ-E HI
FWHM / FWTM	52.0 + 14.0° / 70.0 + 26.0°
Efficiency	80 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour	White

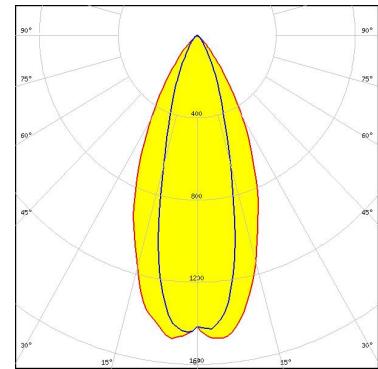
Required components:



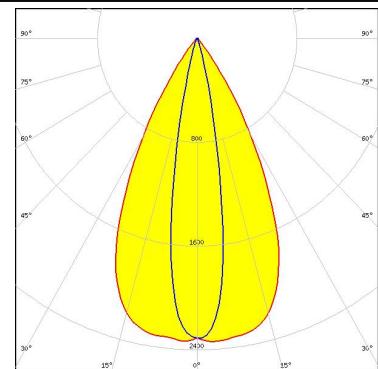
## OPTICAL RESULTS (SIMULATED):



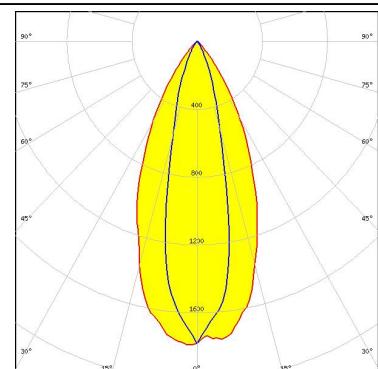
LED LUXEON 5050 Round LES  
FWHM / FWTM 27.0 + 47.0°  
Efficiency 74 %  
LEDs/each optic 1  
Light colour White  
Required components:



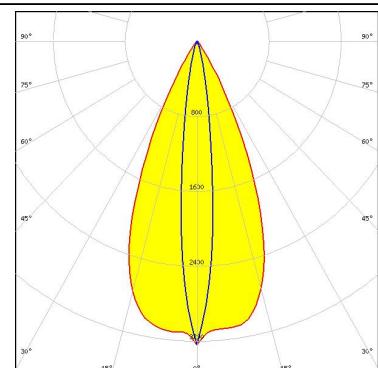
LED LUXEON C  
FWHM / FWTM 54.0 + 18.0° / 74.0 + 32.0°  
Efficiency 75 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON MZ  
FWHM / FWTM 23.0 + 46.0°  
Efficiency 73 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED NCSxE17A  
FWHM / FWTM 46.0 + 12.0° / 66.0 + 28.0°  
Efficiency 73 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

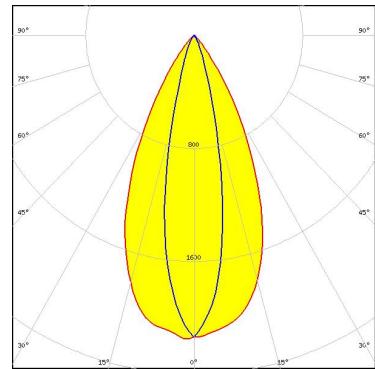


## OPTICAL RESULTS (SIMULATED):



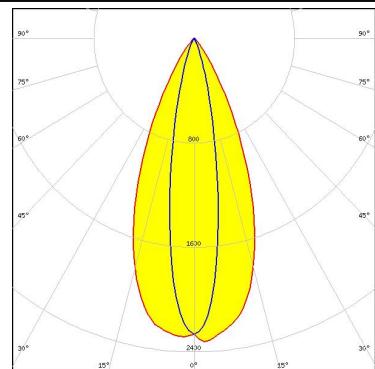
LED	NVSW219F
FWHM / FWTM	50.0 + 22.0° / 76.0 + 42.0°
Efficiency	79 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



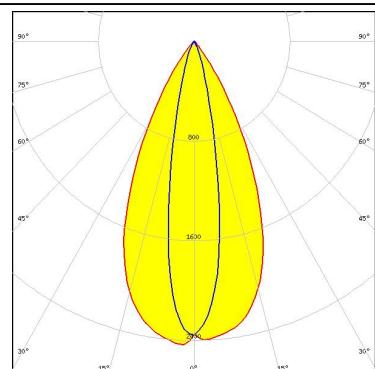
LED	NVSxE21A
FWHM / FWTM	44.0 + 20.0° / 70.0 + 38.0°
Efficiency	71 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



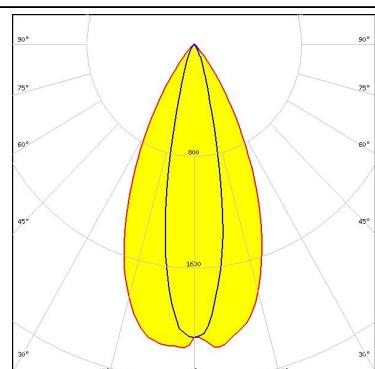
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	50.0 + 20.0° / 74.0 + 39.0°
Efficiency	79 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	LH351C
FWHM / FWTM	22.0 + 49.0°
Efficiency	80 %
LEDs/each optic	1
Light colour	White

Required components:



## 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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