

## TINA-Y-M

~25° medium beam. Assembly with holder, installation tape and pins.

## SPECIFICATION:

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

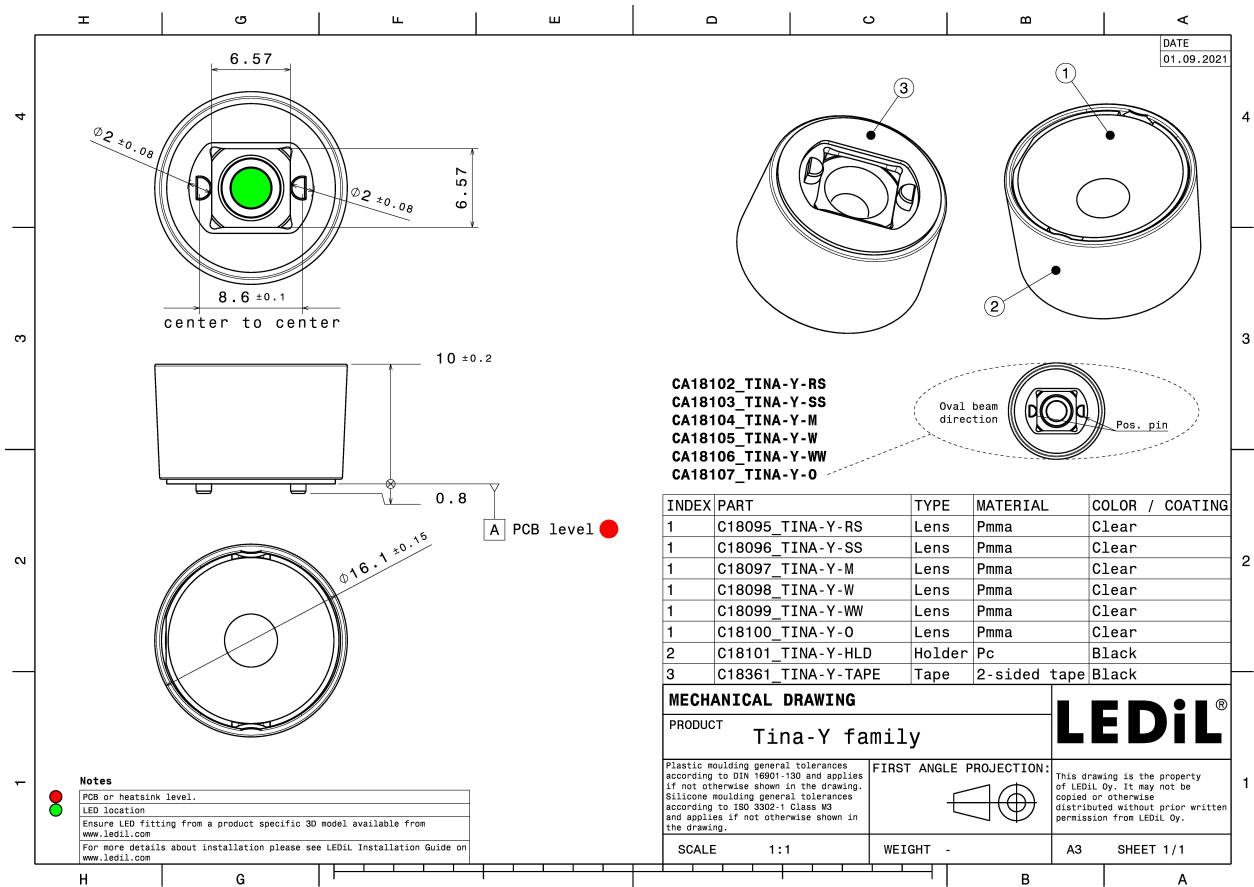
## MATERIALS:

Component	Type	Material	Colour	Finish
TINA-Y-M	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)
CA18104_TINA-Y-M » Box size: 476 x 273 x 197 mm	3900	300	300	5.9



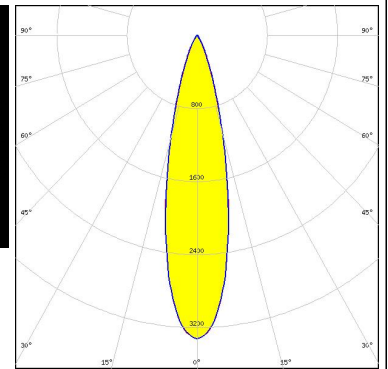
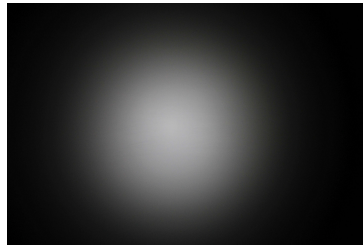


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

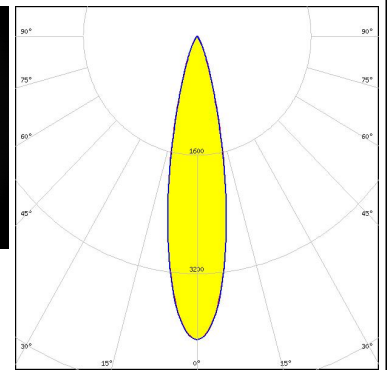
### OPTICAL RESULTS (MEASURED):



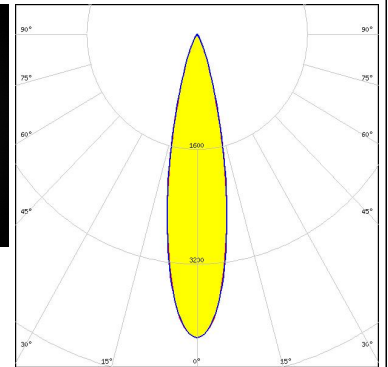
LED XP-G3  
FWHM / FWTM 24.0° / 47.0°  
Efficiency 77 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



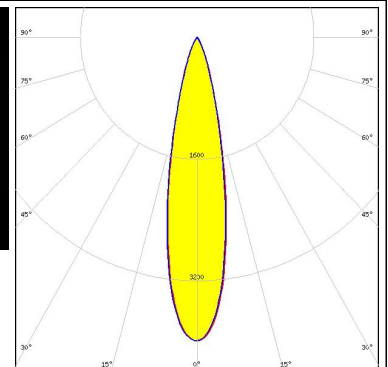
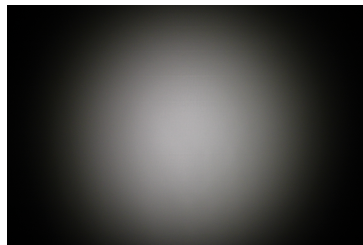
LED XP-G4  
FWHM / FWTM 23.0° / 43.0°  
Efficiency 83 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSW719AC  
FWHM / FWTM 23.0° / 43.0°  
Efficiency 84 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



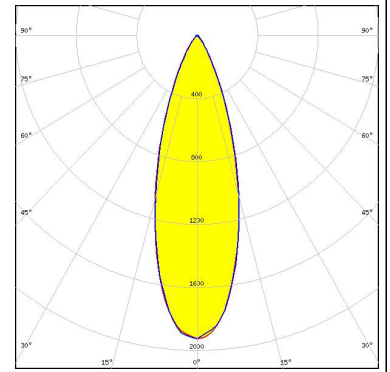
LED OSCONIQ C 3030  
FWHM / FWTM 23.0° / 44.0°  
Efficiency 80 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



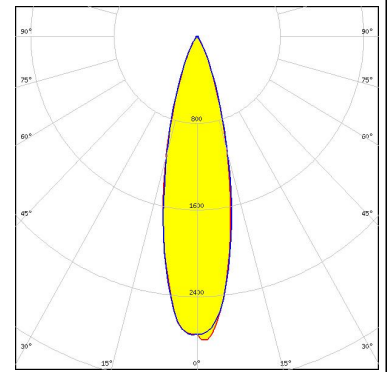
### OPTICAL RESULTS (SIMULATED):



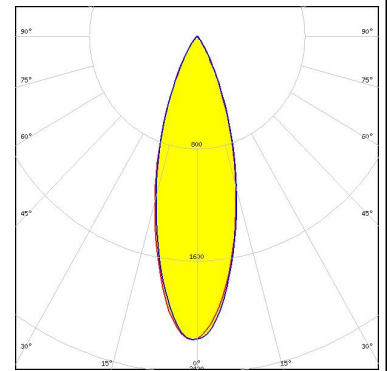
LED XHP35.2 HD  
FWHM / FWTM 32.0° / 61.0°  
Efficiency 74 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



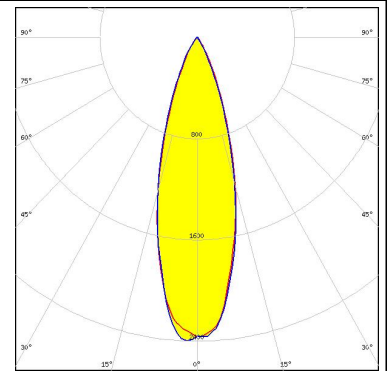
LED XHP35.2 HI  
FWHM / FWTM 26.0° / 50.0°  
Efficiency 74 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XM-L RGBW (XMLDCL HD)  
FWHM / FWTM 32.0° / 61.0°  
Efficiency 83 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour RGBW  
Required components:



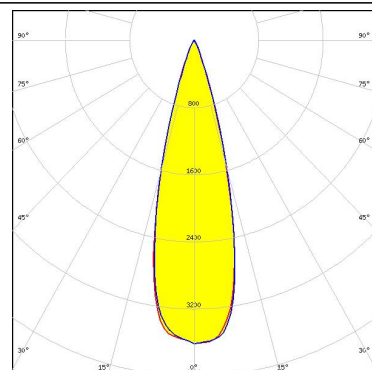
LED XM-L3  
FWHM / FWTM 30.0° / 58.0°  
Efficiency 79 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



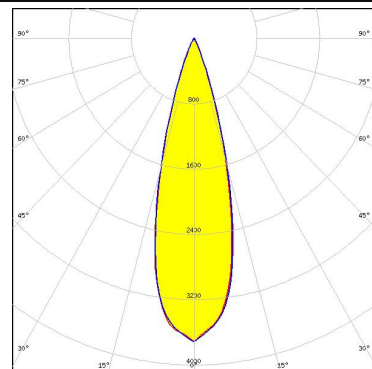
### OPTICAL RESULTS (SIMULATED):



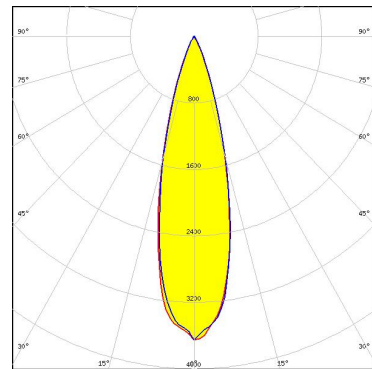
LED XP-E  
FWHM / FWTM 28.0° / 44.0°  
Efficiency 88 %  
Peak intensity 3.6 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



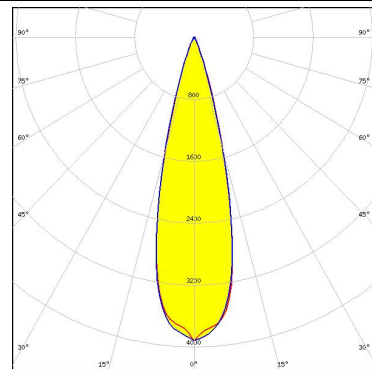
LED XP-E2  
FWHM / FWTM 27.0° / 46.0°  
Efficiency 89 %  
Peak intensity 3.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G2  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 87 %  
Peak intensity 3.6 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



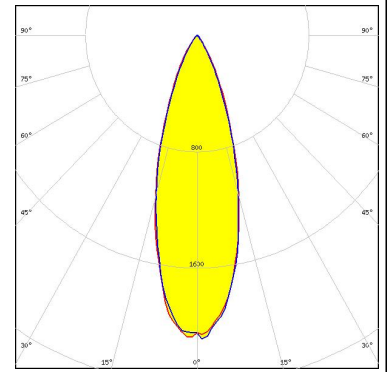
LED XQ-E HI  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 87 %  
Peak intensity 3.9 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

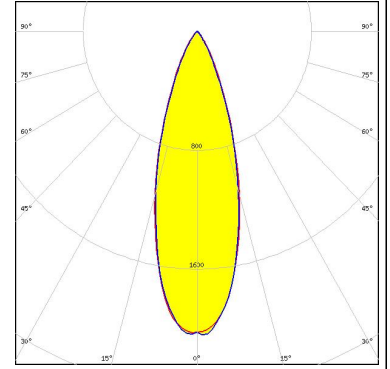
#### LUMILEDS

LED LUXEON 5050 Round LES  
FWHM / FWTM 32.0° / 64.0°  
Efficiency 78 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



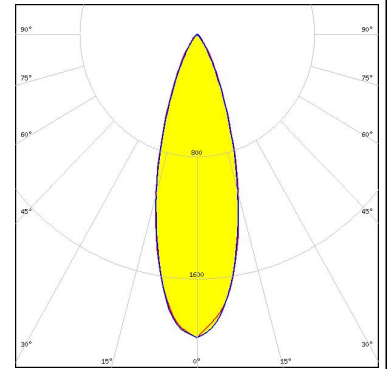
#### LUMILEDS

LED LUXEON 5050 Round LES  
FWHM / FWTM 32.0° / 62.0°  
Efficiency 78 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



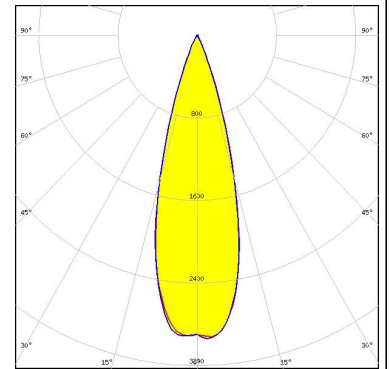
#### LUMILEDS

LED LUXEON 5050 Square LES  
FWHM / FWTM 32.0° / 62.0°  
Efficiency 76 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

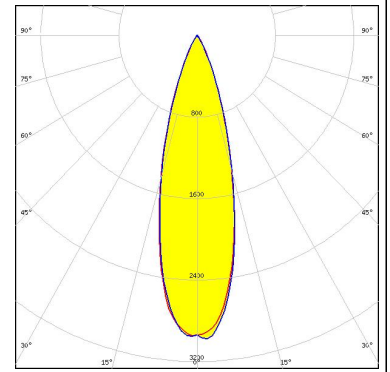
LED LUXEON C  
FWHM / FWTM 30.0° / 47.0°  
Efficiency 78 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

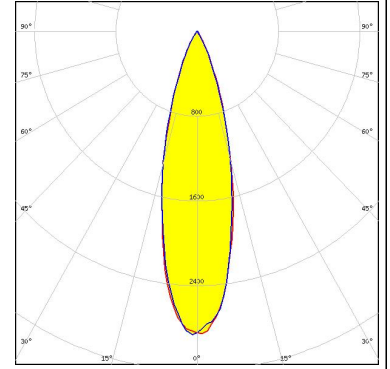
#### LUMILEDS

LED LUXEON HL2X  
FWHM / FWTM 29.0° / 52.0°  
Efficiency 86 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



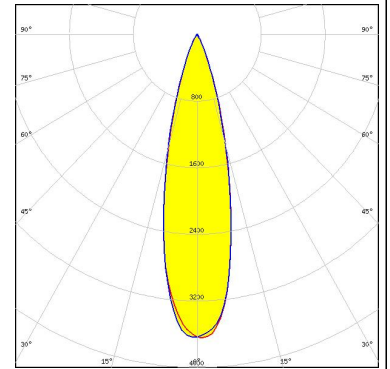
#### LUMILEDS

LED LUXEON MZ  
FWHM / FWTM 28.0° / 53.0°  
Efficiency 81 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



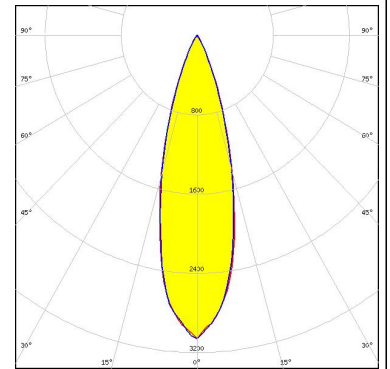
#### LUMILEDS

LED LUXEON TX  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 84 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

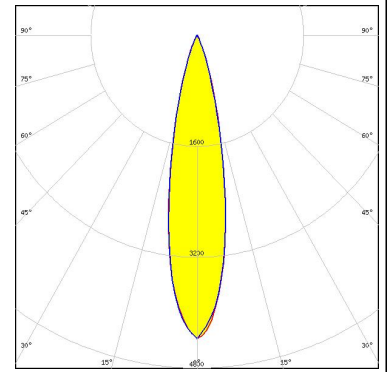
LED NVSW219F  
FWHM / FWTM 28.0° / 51.0°  
Efficiency 86 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



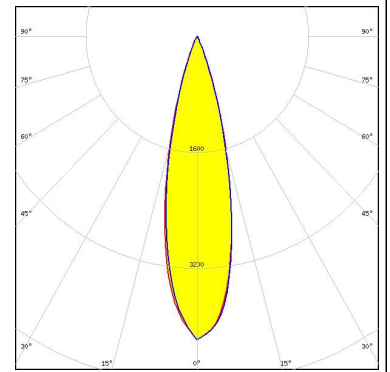
#### OPTICAL RESULTS (SIMULATED):



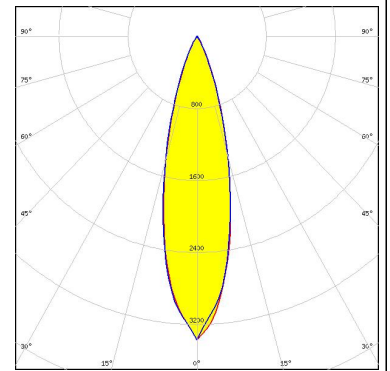
LED NVSxE21A  
FWHM / FWTM 22.0° / 42.0°  
Efficiency 78 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



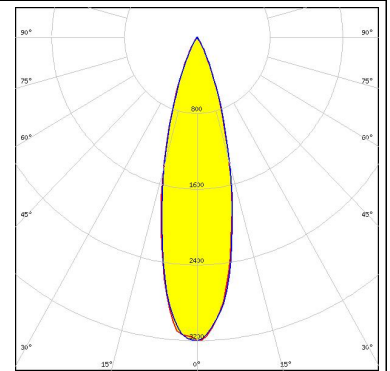
LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 87 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LH351B  
FWHM / FWTM 26.0° / 50.0°  
Efficiency 85 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LH351C  
FWHM / FWTM 27.0° / 51.0°  
Efficiency 86 %  
Peak intensity 3.2 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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