

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 ⓘ

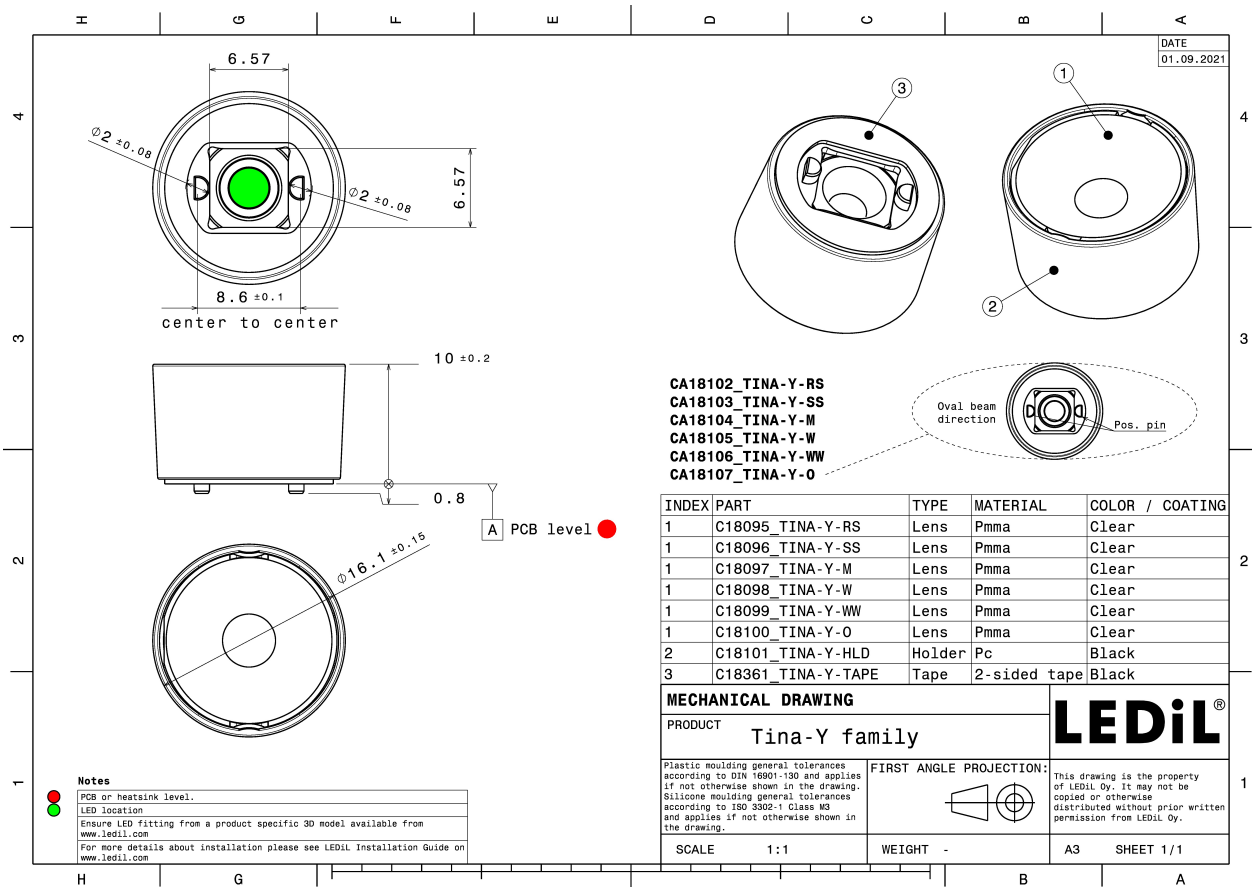
MATERIALS:

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



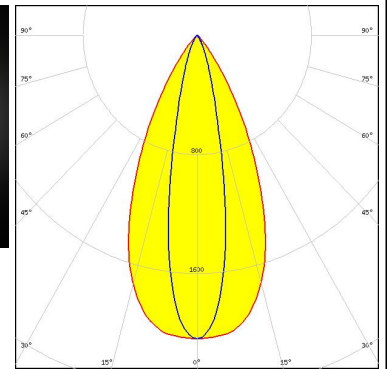
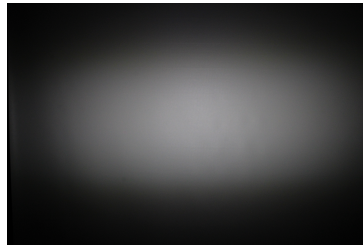


See also our general installation guide: www.ledil.com/installation_guide

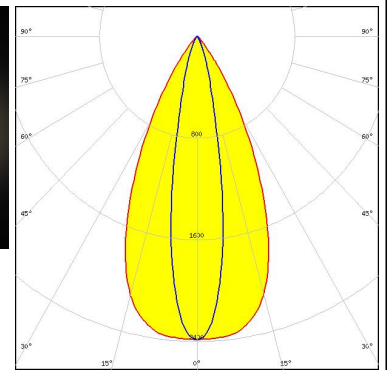
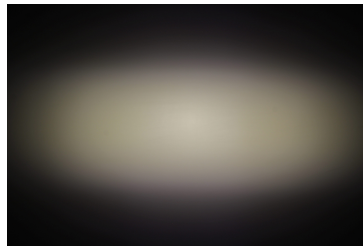
OPTICAL RESULTS (MEASURED):



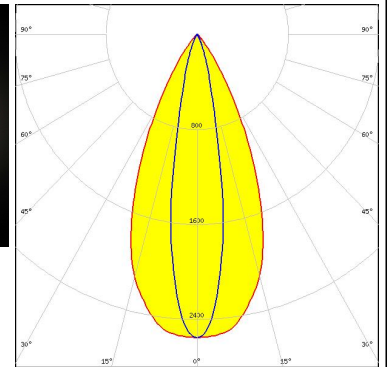
LED XP-G3
FWHM / FWTM 49.0 + 22.0° / 76.0 + 44.0°
Efficiency 74 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



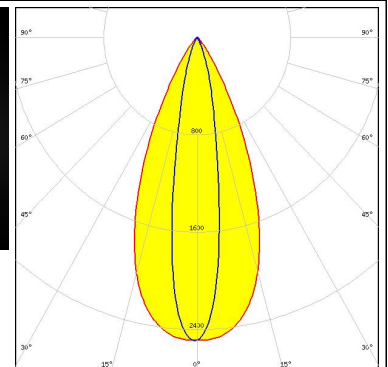
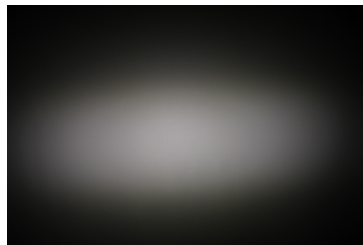
LED XP-G4
FWHM / FWTM 50.0 + 20.0° / 75.0 + 40.0°
Efficiency 79 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



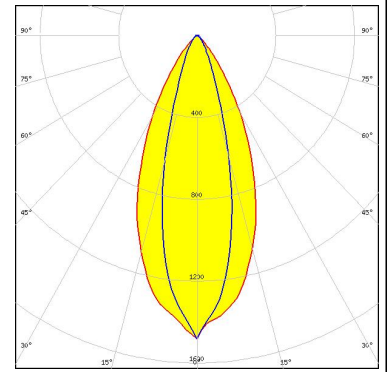
LED OSCONIQ C 3030
FWHM / FWTM 46.0 + 18.0° / 70.0 + 40.0°
Efficiency 74 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



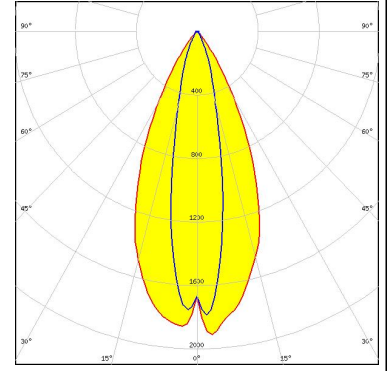
OPTICAL RESULTS (SIMULATED):



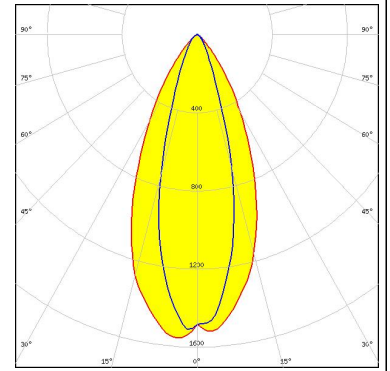
LED XHP35.2 HD
FWHM / FWTM 46.0 + 27.0° / 80.0 + 54.0°
Efficiency 69 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



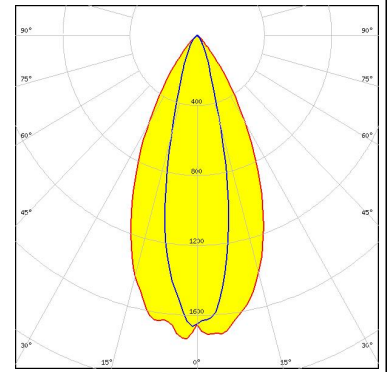
LED XHP35.2 HI
FWHM / FWTM 46.0 + 22.0° / 73.0 + 47.0°
Efficiency 69 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



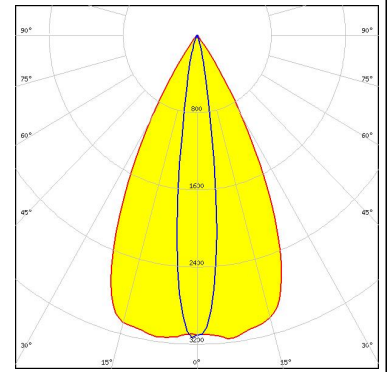
LED XM-L3
FWHM / FWTM 24.0 + 50.0°
Efficiency 73 %
LEDs/each optic 1
Light colour White
Required components:



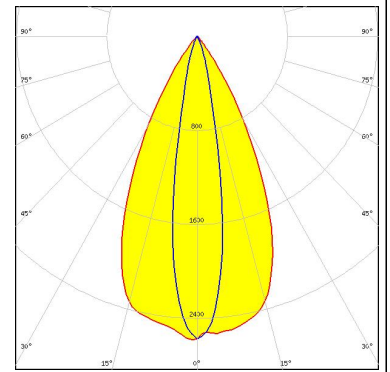
OPTICAL RESULTS (SIMULATED):



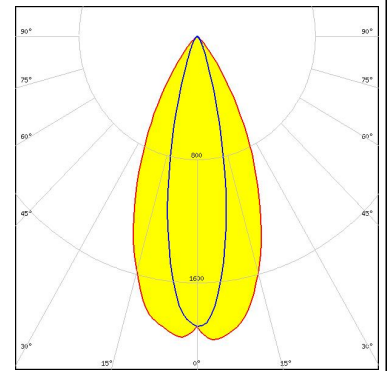
LED XP-E2
FWHM / FWTM 15.0 + 52.0° / 29.0 + 70.0°
Efficiency 81 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



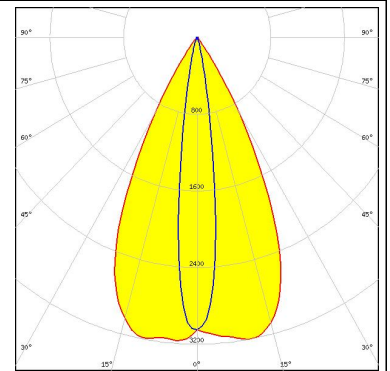
LED XP-G2
FWHM / FWTM 19.0 + 51.0°
Efficiency 80 %
LEDs/each optic 1
Light colour White
Required components:



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:



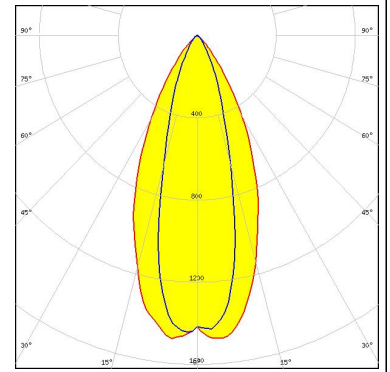
LED XQ-E HI
FWHM / FWTM 52.0 + 14.0° / 70.0 + 26.0°
Efficiency 80 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



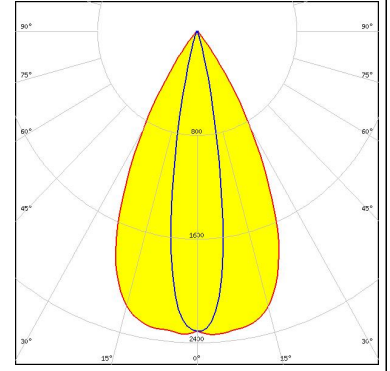
OPTICAL RESULTS (SIMULATED):



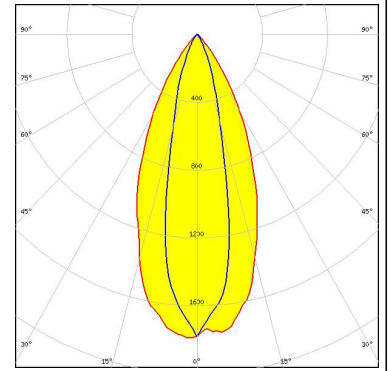
LED LUXEON 5050 Round LES
FWHM / FWTM 27.0 + 47.0°
Efficiency 74 %
LEDs/each optic 1
Light colour White
Required components:



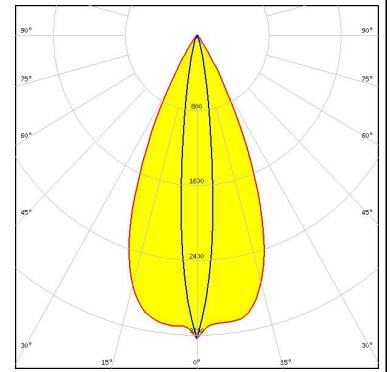
LED LUXEON C
FWHM / FWTM 54.0 + 18.0° / 74.0 + 32.0°
Efficiency 75 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



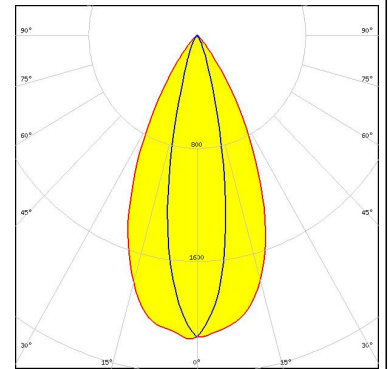
LED NCSxE17A
FWHM / FWTM 46.0 + 12.0° / 66.0 + 28.0°
Efficiency 73 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



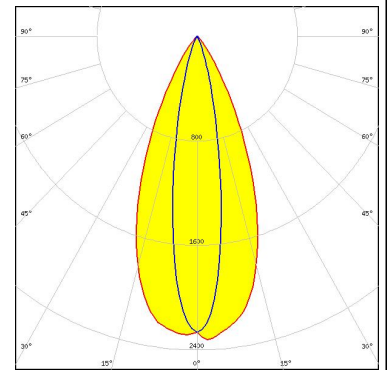
OPTICAL RESULTS (SIMULATED):



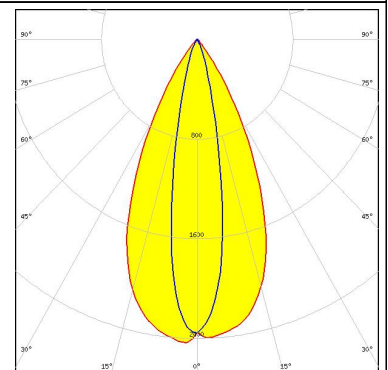
LED NVSW219F
 FWHM / FWTM 50.0 + 22.0° / 76.0 + 42.0°
 Efficiency 79 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



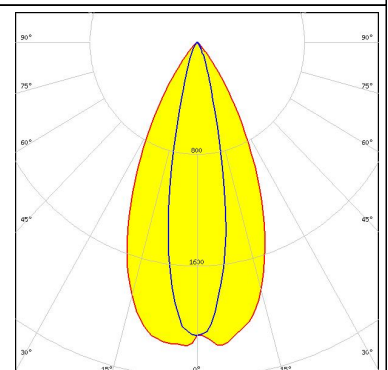
LED NVSxE21A
 FWHM / FWTM 44.0 + 20.0° / 70.0 + 38.0°
 Efficiency 71 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLOM 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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