

TINA-Y-M

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

SPECIFICATION:

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

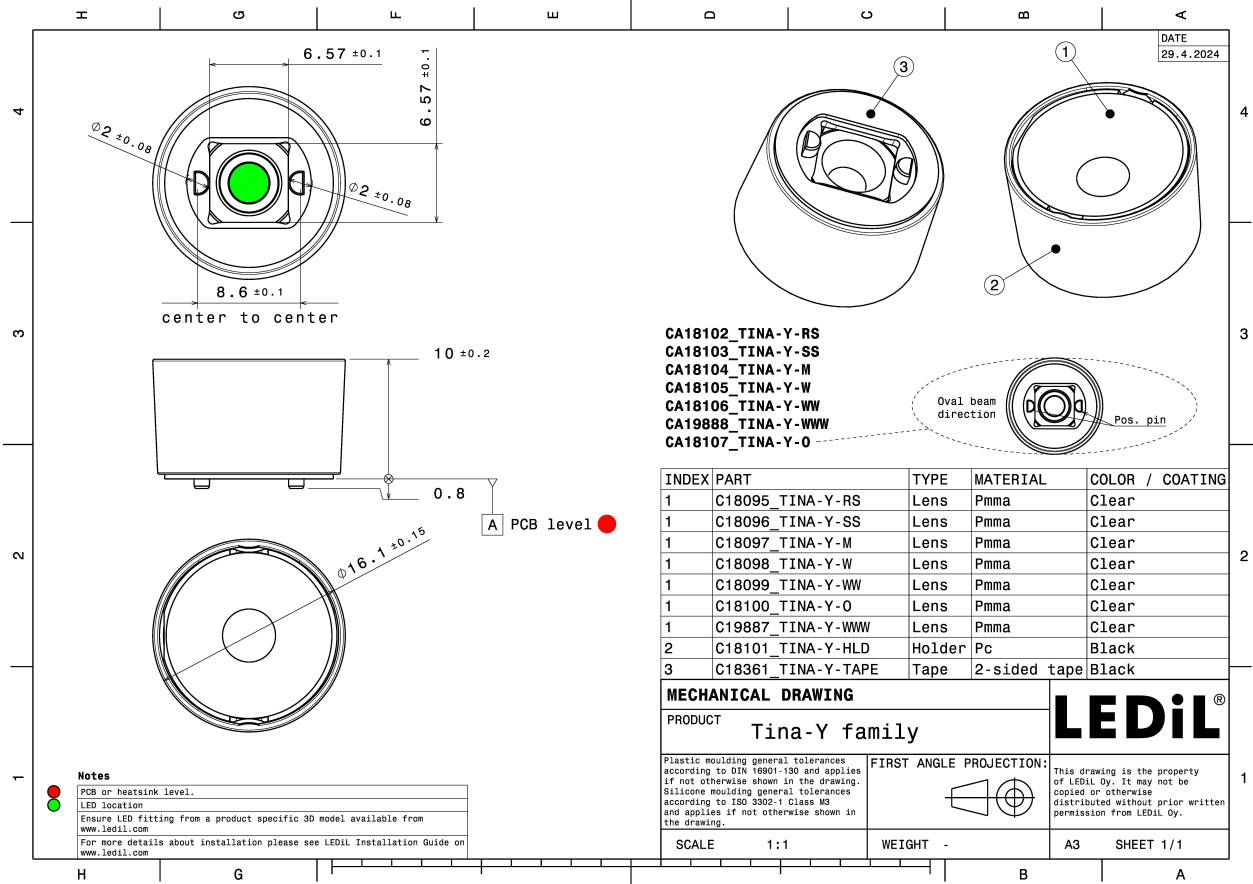


MATERIALS:

Component	Type	Material	Colour	Finish	Length
TINA-Y-M	Single lens	PMMA	clear	gloss	14.7
TINA-Y-HLD	Holder	PC	black	gloss	16.1
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

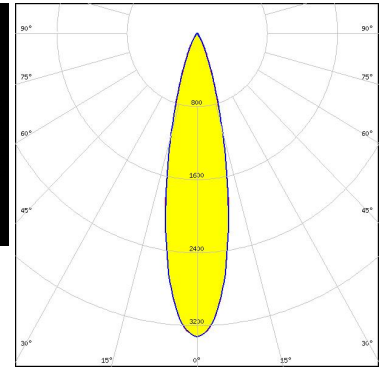
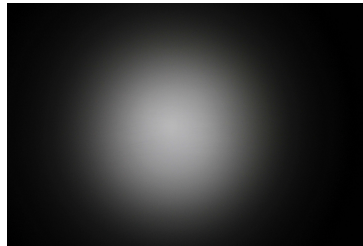


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



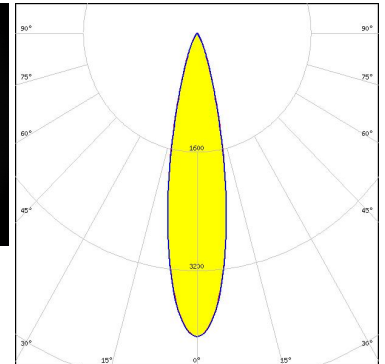
LED XP-G3
FWHM / FWTM 24.0° / 47.0°
Efficiency 77 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



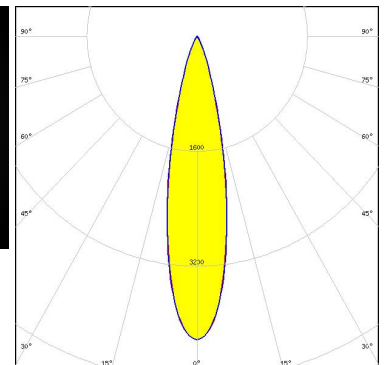
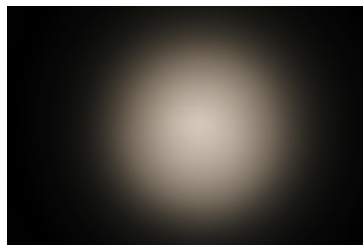
LED XP-G4
FWHM / FWTM 23.0° / 43.0°
Efficiency 83 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

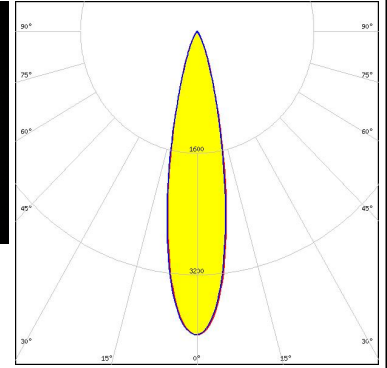
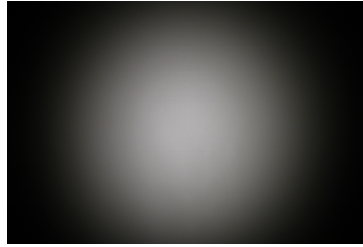


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

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



Light distribution files

OPTICAL RESULTS (SIMULATED):



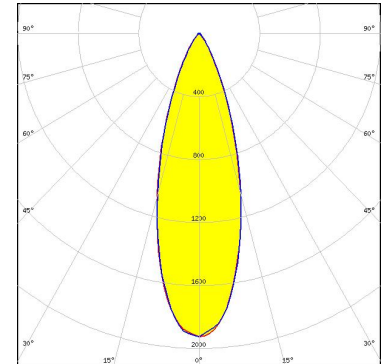
LED J Series 3030C
FWHM / FWTM 24.0° / 46.0°
Efficiency 85 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



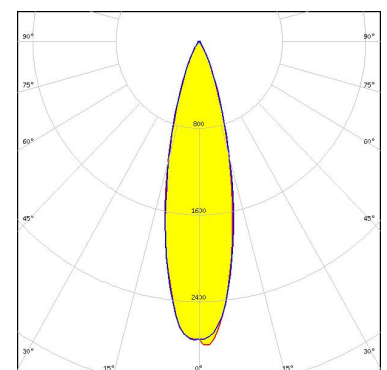
Light distribution files



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

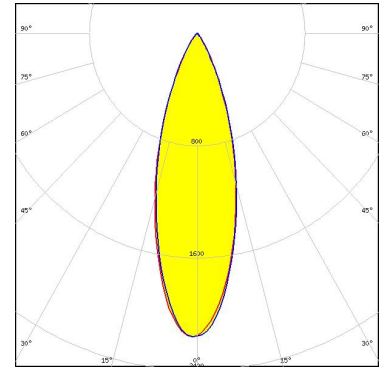


Light distribution files

OPTICAL RESULTS (SIMULATED):



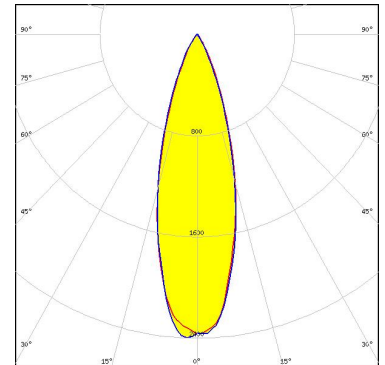
LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 32.0° / 61.0°
Efficiency 83 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



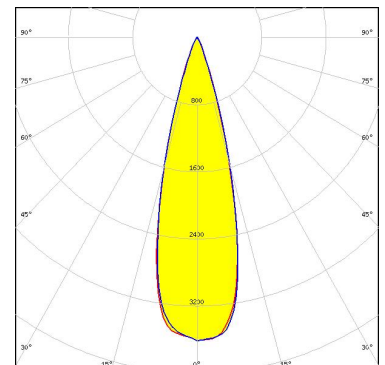
LED XM-L3
FWHM / FWTM 30.0° / 58.0°
Efficiency 79 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



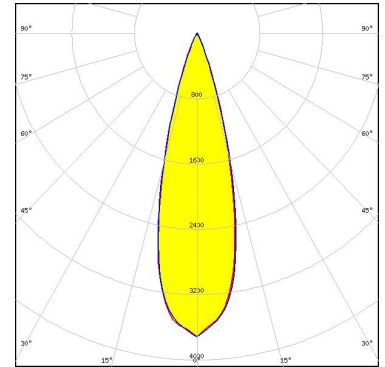
LED XP-E
FWHM / FWTM 28.0° / 44.0°
Efficiency 88 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):



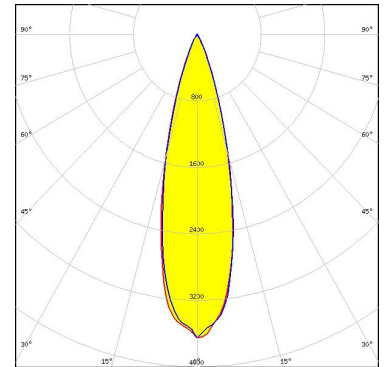
LED XP-E2
FWHM / FWTM 27.0° / 46.0°
Efficiency 89 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



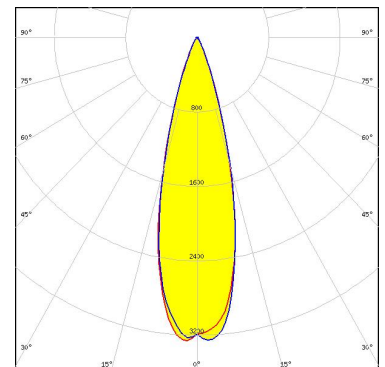
LED XP-G2
FWHM / FWTM 26.0° / 46.0°
Efficiency 87 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



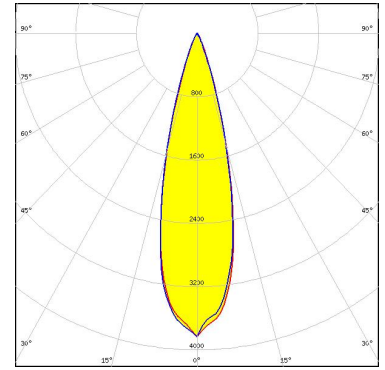
LED XP-G4 HI
FWHM / FWTM 28.0° / 47.0°
Efficiency 85 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



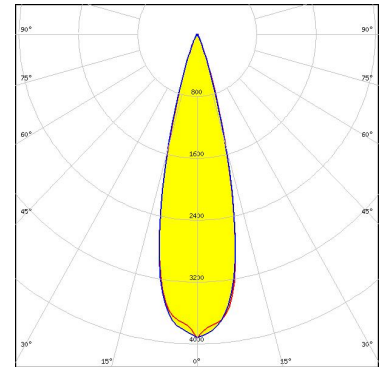
OPTICAL RESULTS (SIMULATED):



LED XQ-E HD
 FWHM / FWTM 26.0° / 44.0°
 Efficiency 88 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



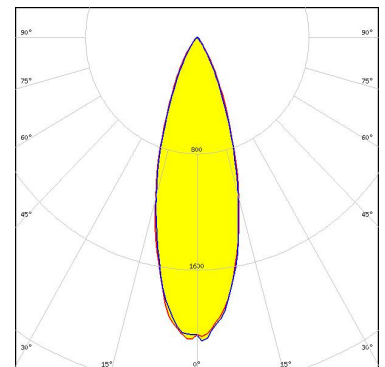
LED XQ-E HI
 FWHM / FWTM 26.0° / 42.0°
 Efficiency 87 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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/type White
 Required components:

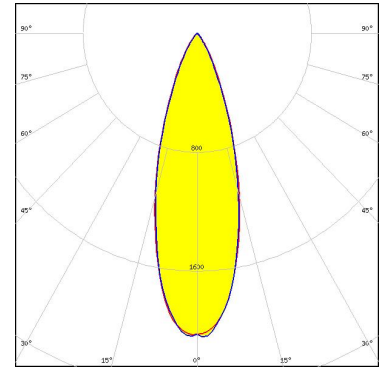


Light distribution files

OPTICAL RESULTS (SIMULATED):



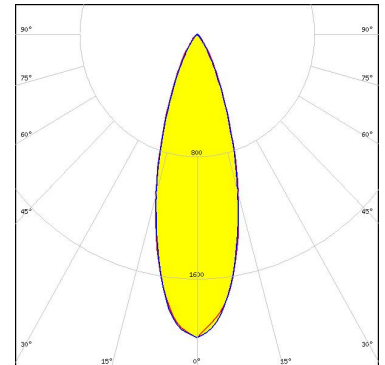
LED LUXEON 5050 Round LES
FWHM / FWTM 32.0° / 62.0°
Efficiency 78 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



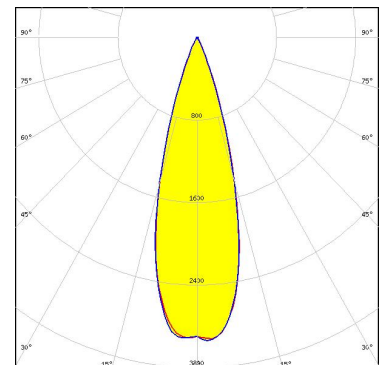
LED LUXEON 5050 Square LES
FWHM / FWTM 32.0° / 62.0°
Efficiency 76 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



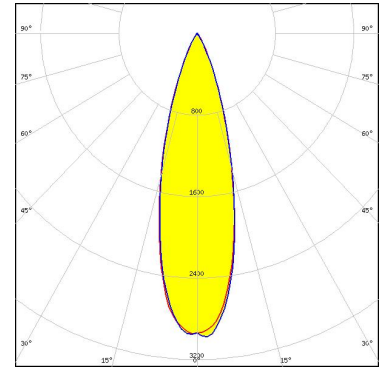
LED LUXEON C
FWHM / FWTM 30.0° / 47.0°
Efficiency 78 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):



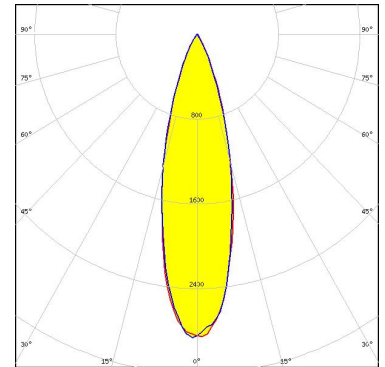
LED LUXEON HL2X
FWHM / FWTM 29.0° / 52.0°
Efficiency 86 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



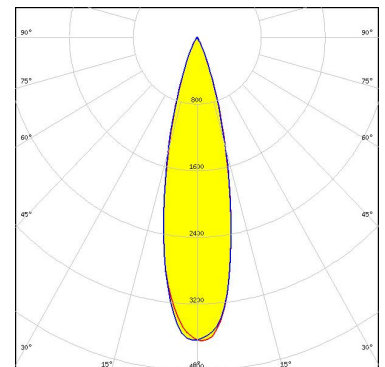
LED LUXEON MZ
FWHM / FWTM 28.0° / 53.0°
Efficiency 81 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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



Light distribution files

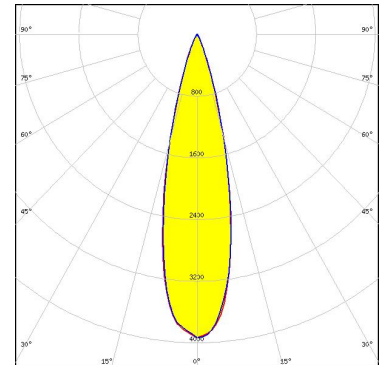
OPTICAL RESULTS (SIMULATED):



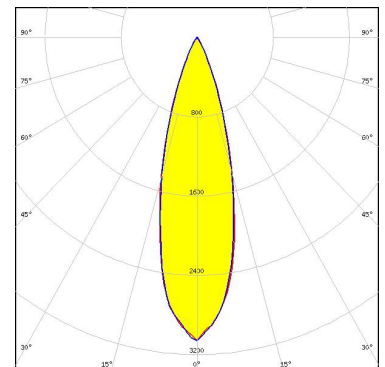
LED SFT-12R-WES
FWHM / FWTM 28.0° / 42.0°
Efficiency 89 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED SST-20
FWHM / FWTM 26.0° / 44.0°
Efficiency 85 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

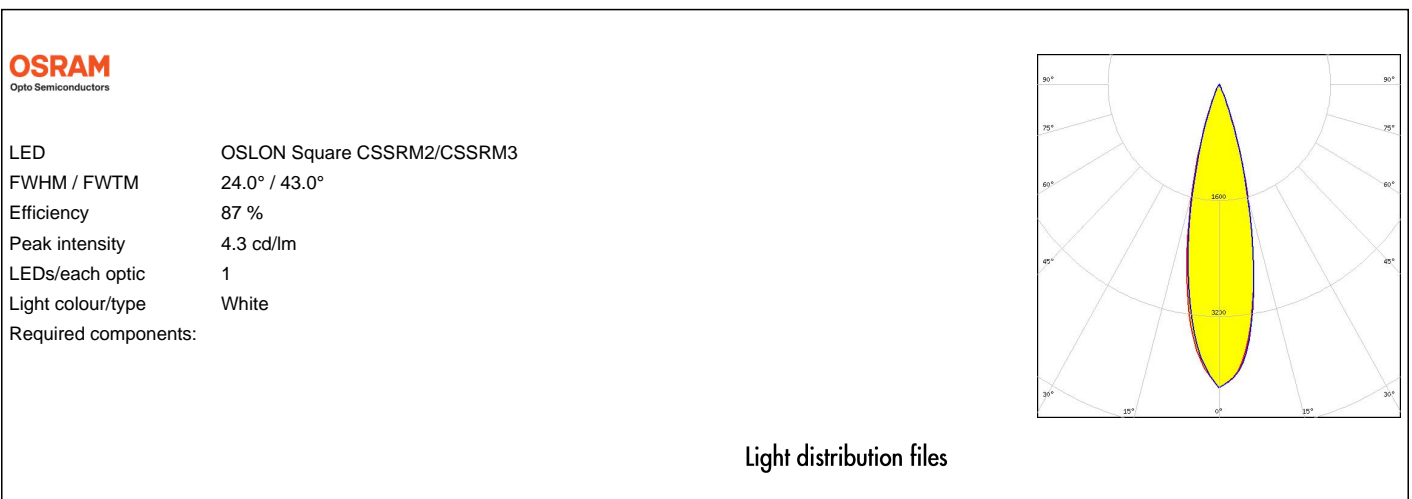
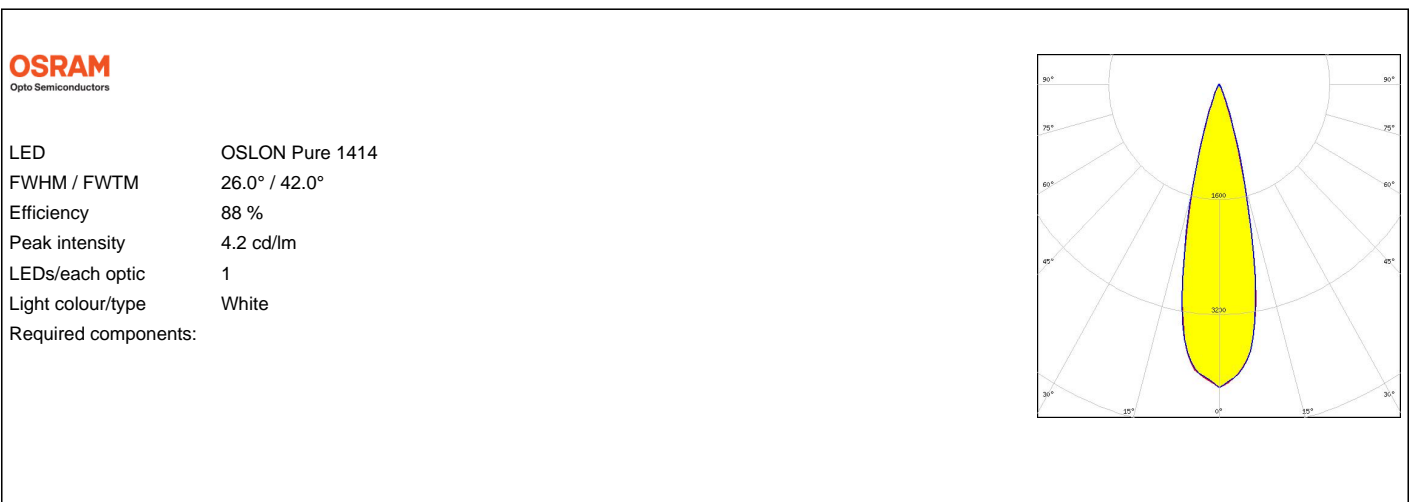
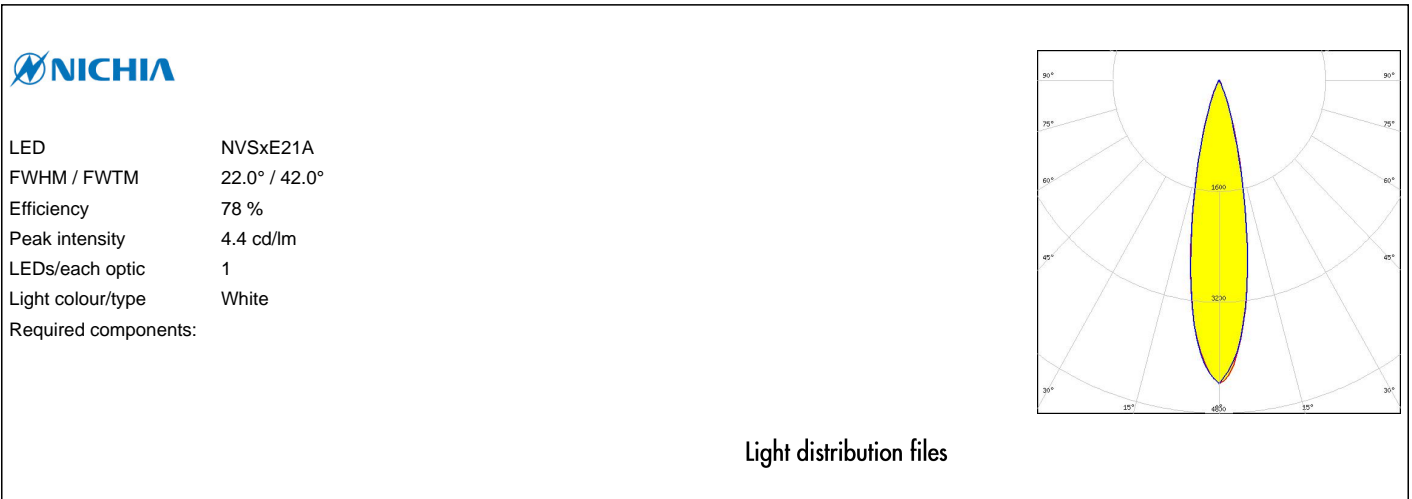


LED NVSW219F
FWHM / FWTM 28.0° / 51.0°
Efficiency 86 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

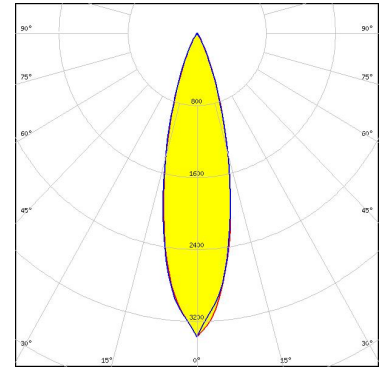
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

SAMSUNG

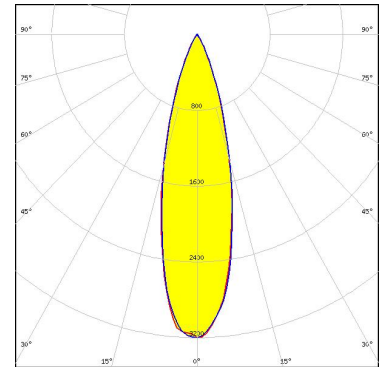
LED LH351B
FWHM / FWTM 26.0° / 50.0°
Efficiency 85 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351C
FWHM / FWTM 27.0° / 51.0°
Efficiency 86 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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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