

LEILA-Y-W

~36° wide beam. 14.8 mm high assembly with holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ã~ 21.6
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

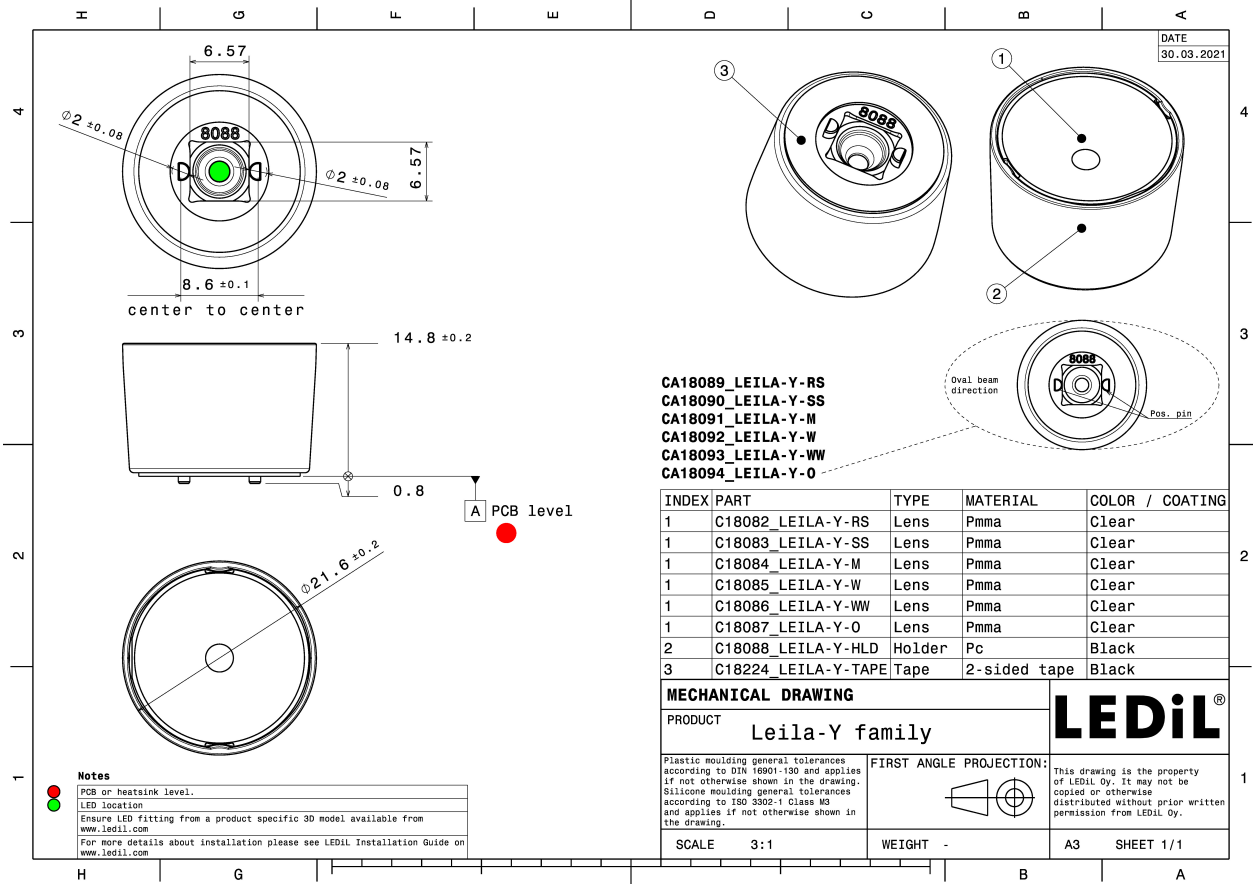


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LEILA-Y-W	Single lens	PMMA	clear		20.0
LEILA-Y-HLD	Holder	PC	black	gloss	21.6
LEILA-Y-TAPE	Tape	Acrylic foam			18.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18092_LEILA-Y-W » Box size: 476 x 273 x 197 mm	1800	180	180	6.6

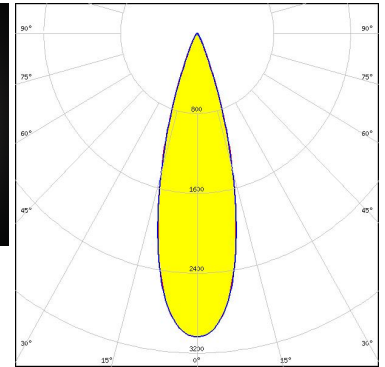
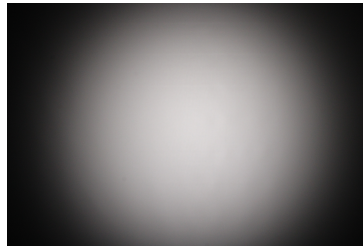


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



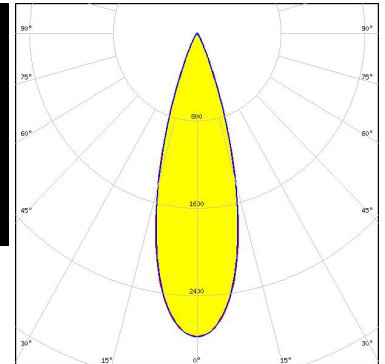
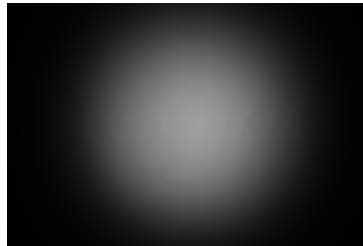
LED XHP35 HI
FWHM / FWTM 29.0° / 48.0°
Efficiency 83 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



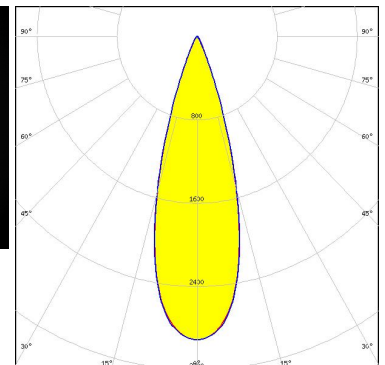
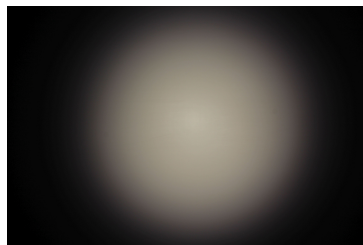
LED XP-G3
FWHM / FWTM 31.0° / 49.0°
Efficiency 81 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

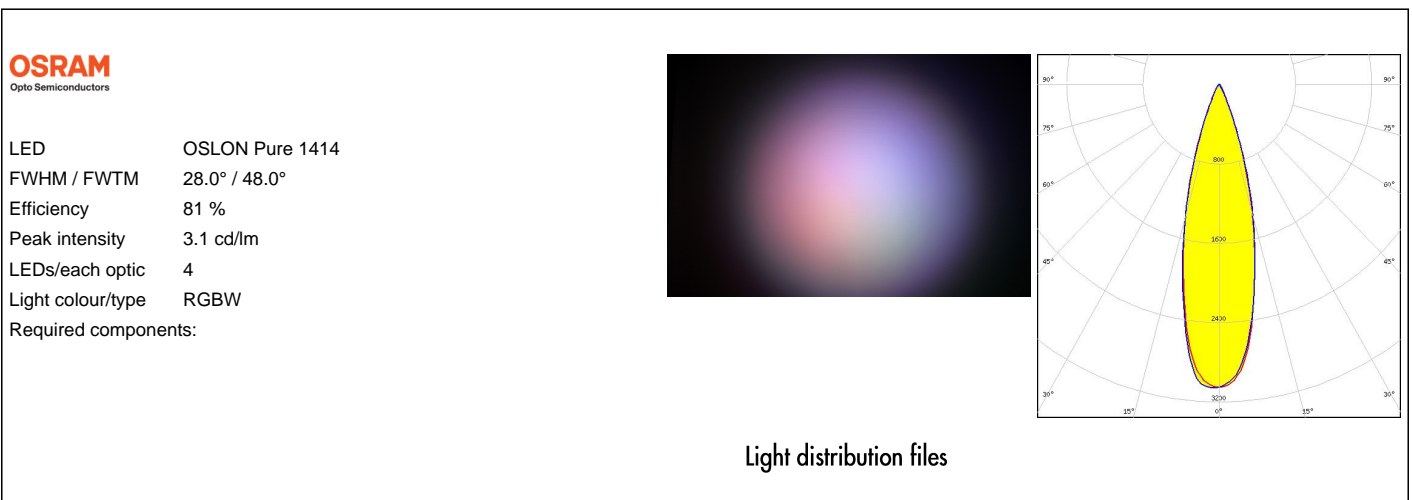
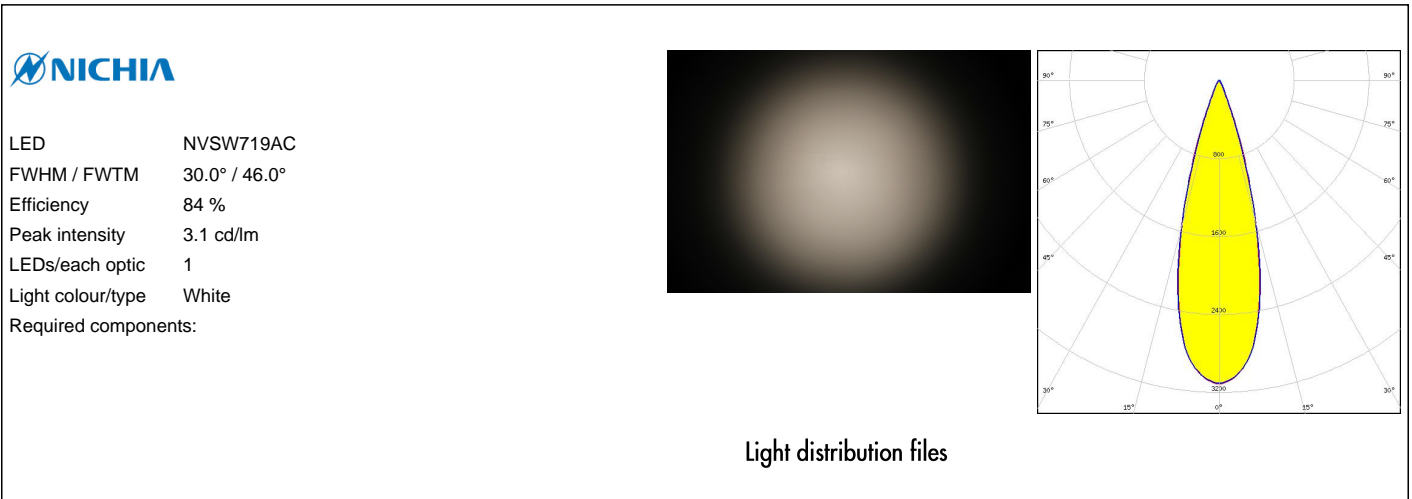


LED XP-G4
FWHM / FWTM 31.0° / 48.0°
Efficiency 85 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):



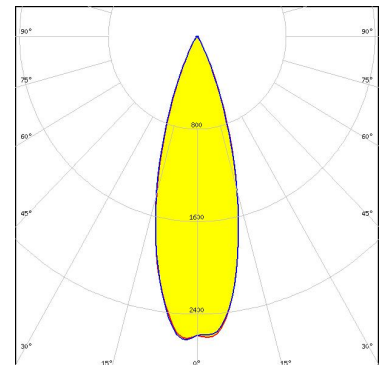
LED J Series 3030C
FWHM / FWTM 29.0 + 28.0° / 46.0°
Efficiency 85 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP35.2 HI
FWHM / FWTM 32.0° / 52.0°
Efficiency 83 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

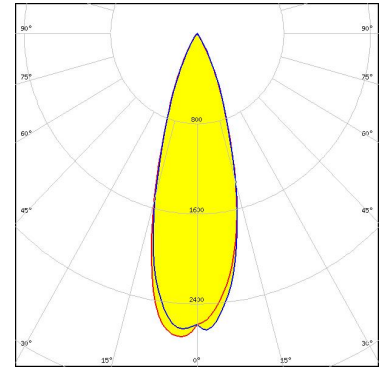


LED XHP50
FWHM / FWTM 32.0° / 58.0°
Efficiency 80 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

OPTICAL RESULTS (SIMULATED):



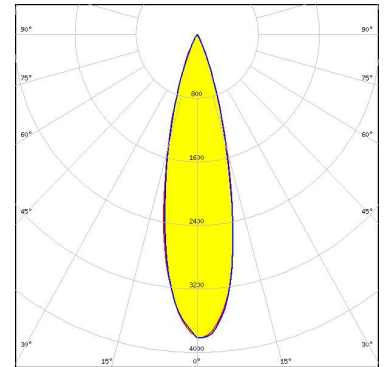
LED XM-L RGBW (XMLDCL HD)
 FWHM / FWTM 31.0° / 56.0°
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



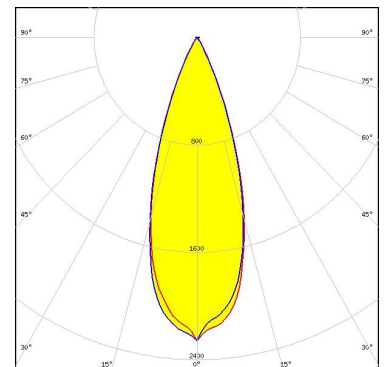
LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 87 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



LED XM-L3
 FWHM / FWTM 35.0° / 56.0°
 Efficiency 81 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

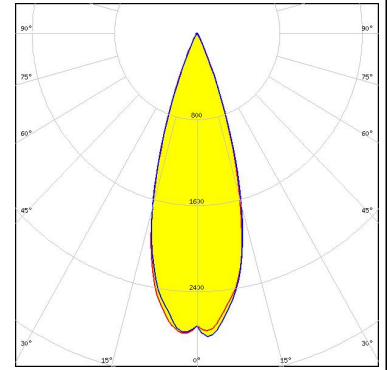


Light distribution files

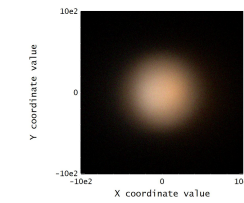
OPTICAL RESULTS (SIMULATED):



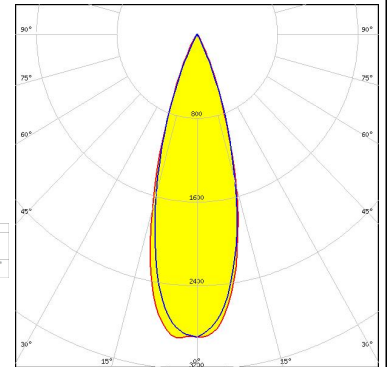
LED XP-G4 HI
 FWHM / FWTM 32.0° / 50.0°
 Efficiency 85 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XQ-E HD
 FWHM / FWTM 31.0° / 52.0° + 50.0°
 Efficiency 87 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 2
 Light colour/type White
 Required components:



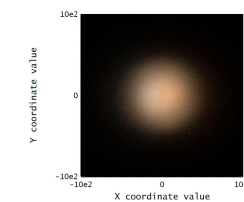
Detector Image: I1 luminance
 21.2.2024
 Zemax OptiX
 Total Power: 1.7636102 Lumens



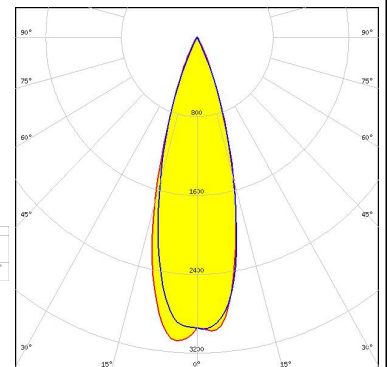
Light distribution files



LED XQ-E HI
 FWHM / FWTM 31.0 + 30.0° / 50.0° + 48.0°
 Efficiency 85 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 2
 Light colour/type White
 Required components:



Detector Image: I1 luminance
 21.2.2024
 Zemax OptiX
 Total Power: 1.8712102 Lumens

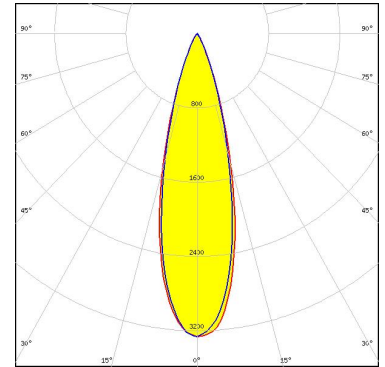


Light distribution files

OPTICAL RESULTS (SIMULATED):



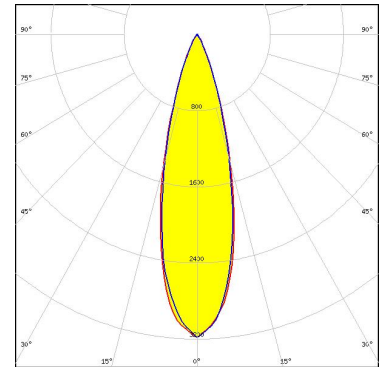
LED LUXEON 5050 Round LES
FWHM / FWTM 28.0° / 48.0°
Efficiency 84 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



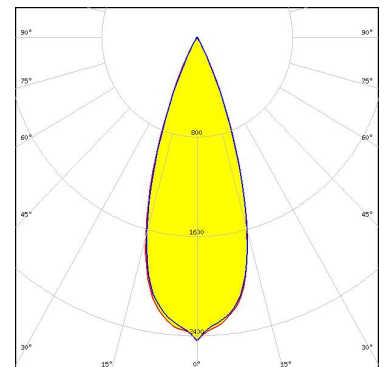
LED LUXEON 5050 Square LES
FWHM / FWTM 28.0° / 50.0°
Efficiency 83 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

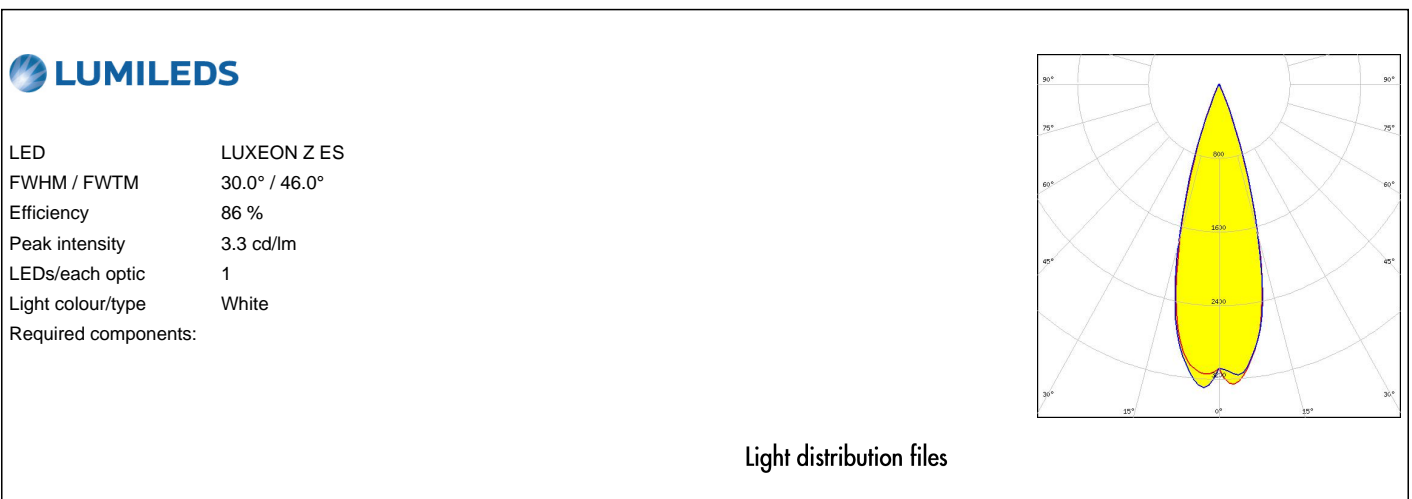
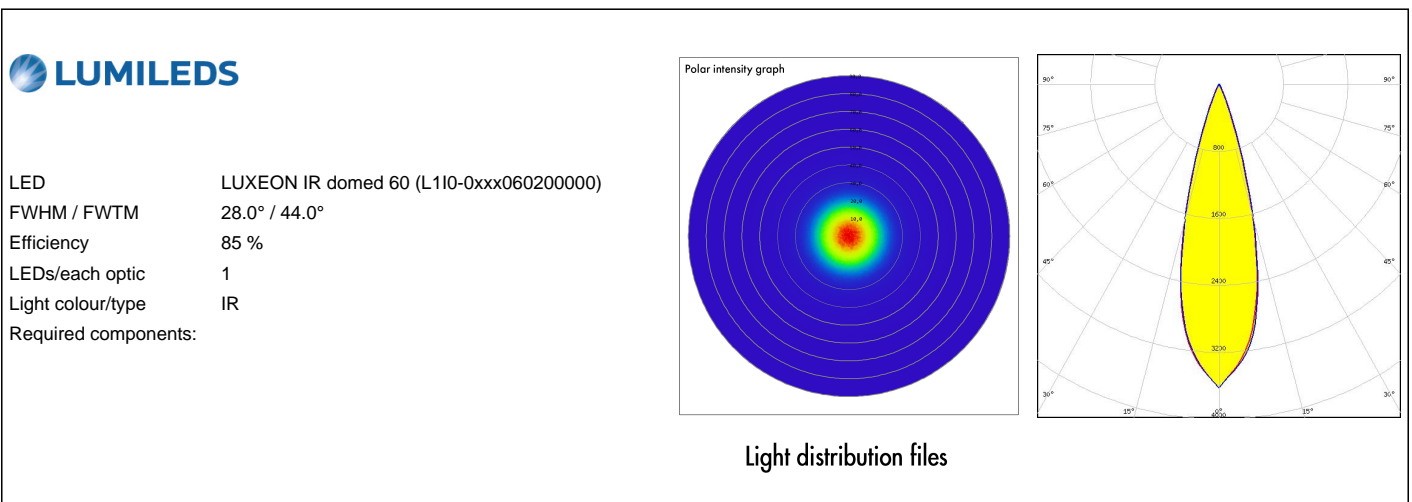
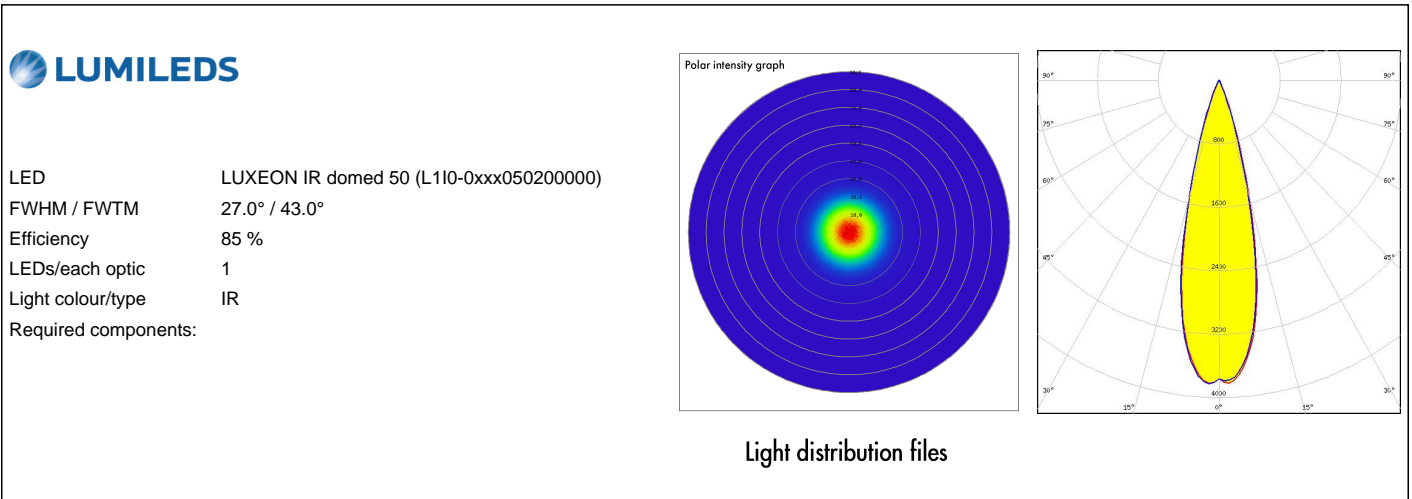


LED LUXEON HL2X
FWHM / FWTM 36.0° / 54.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

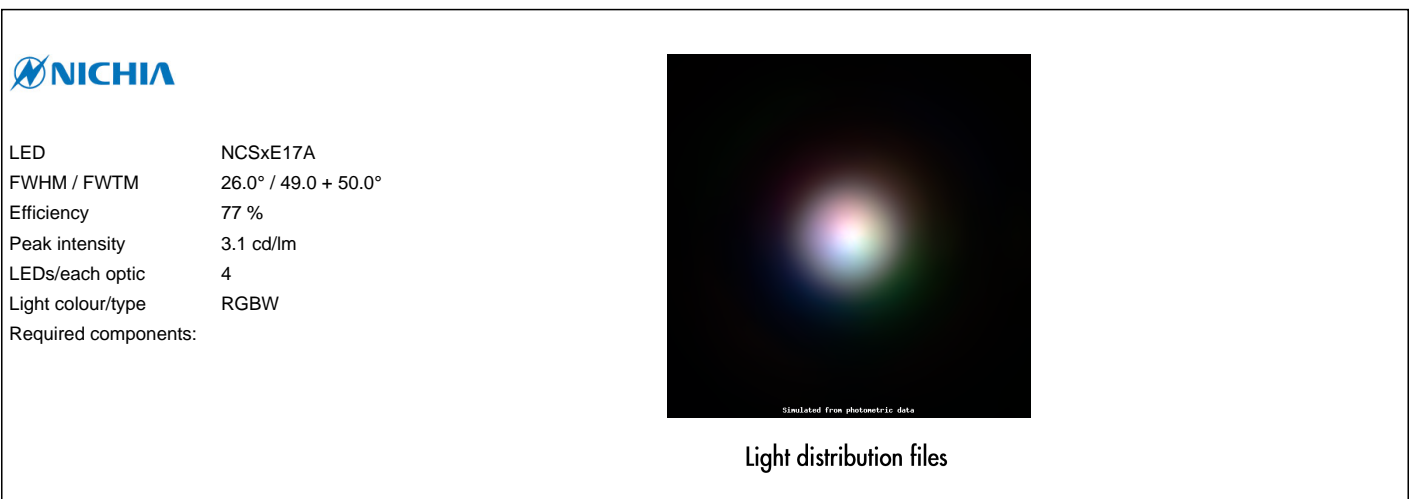
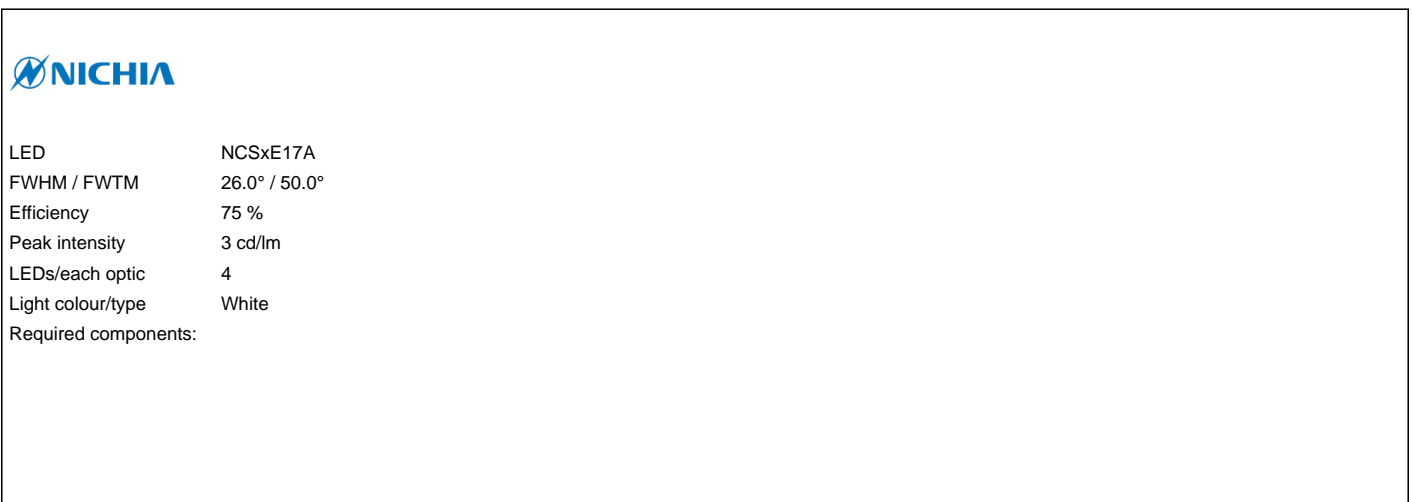
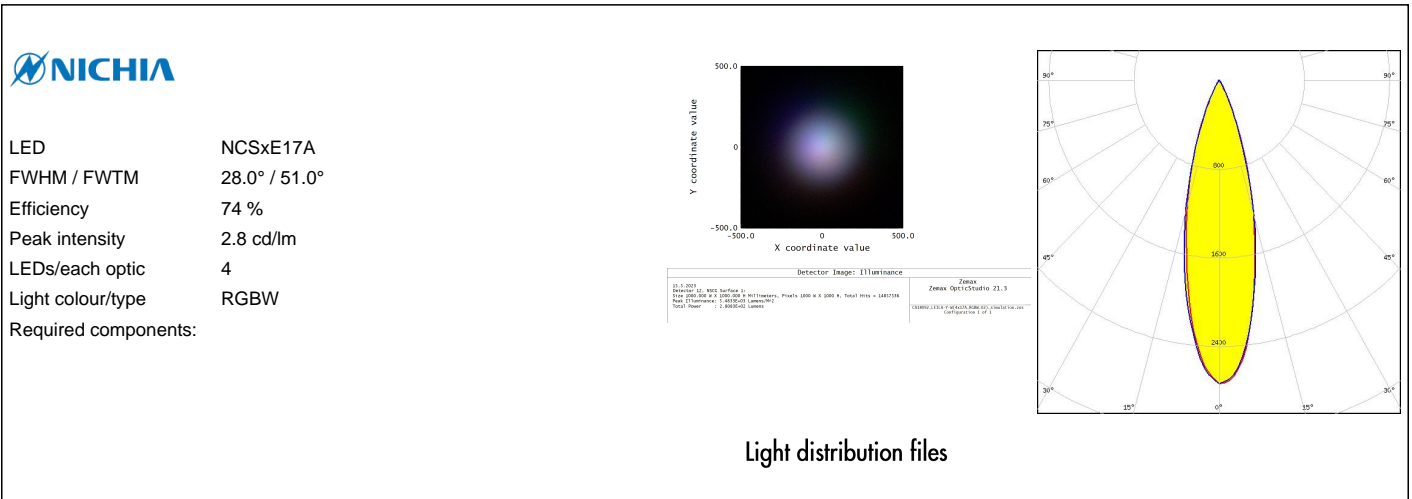


Light distribution files

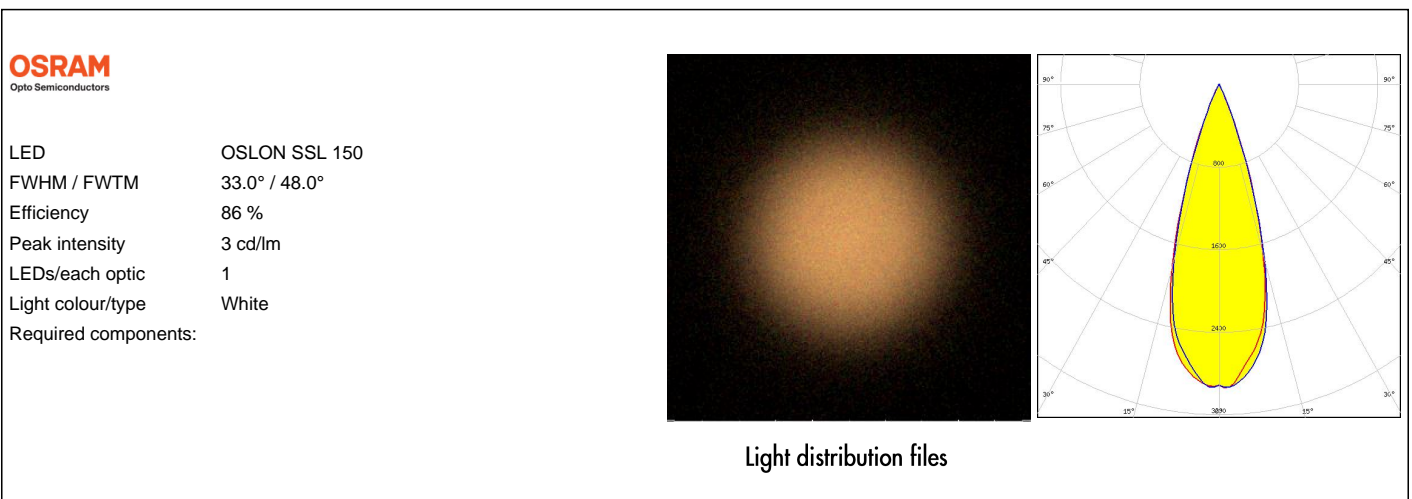
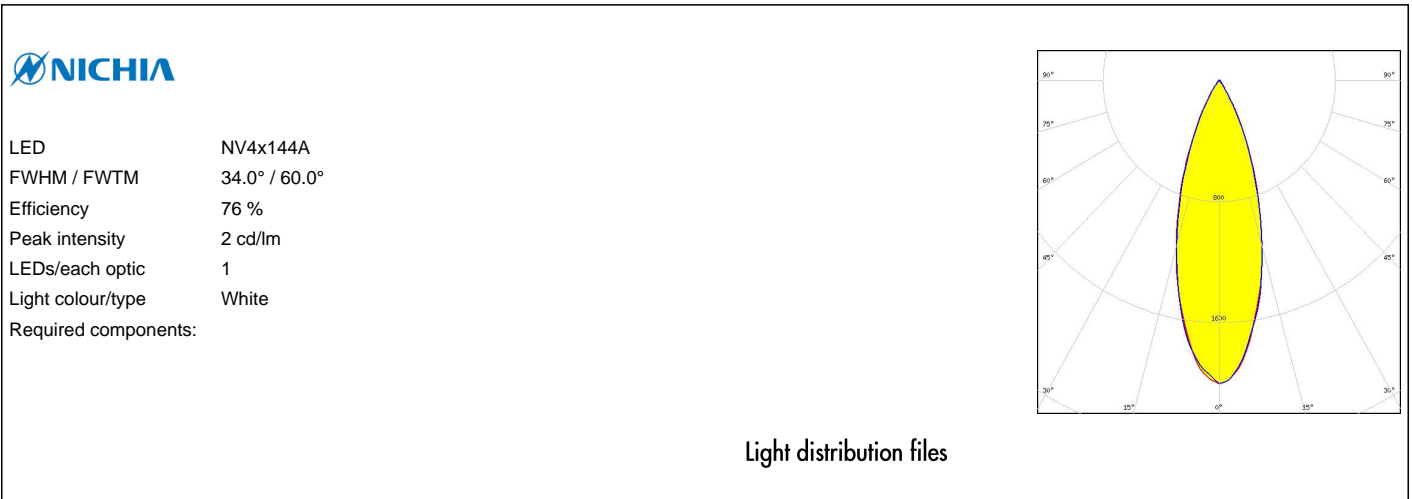
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):



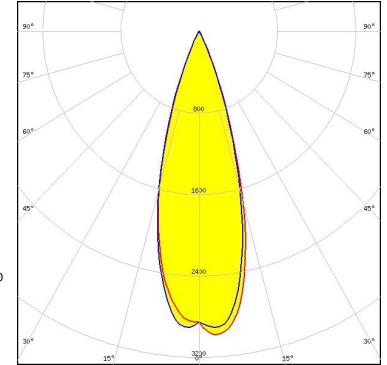
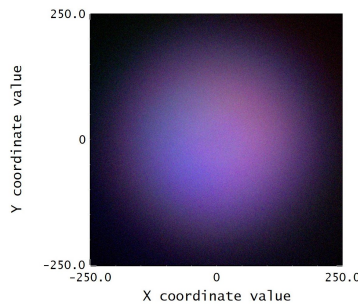
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

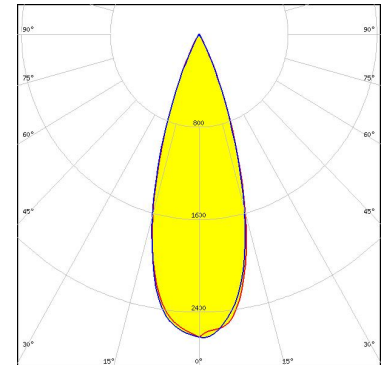
LED OSTAR Stage (S2WM)
 FWHM / FWTM 32.0° / 50.0°
 Efficiency 86 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

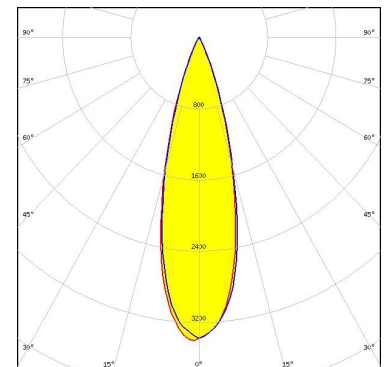
LED LH351B
 FWHM / FWTM 34.0° / 52.0°
 Efficiency 86 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEMI
SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 28.0° / 48.0°
 Efficiency 85 %
 Peak intensity 3.4 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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