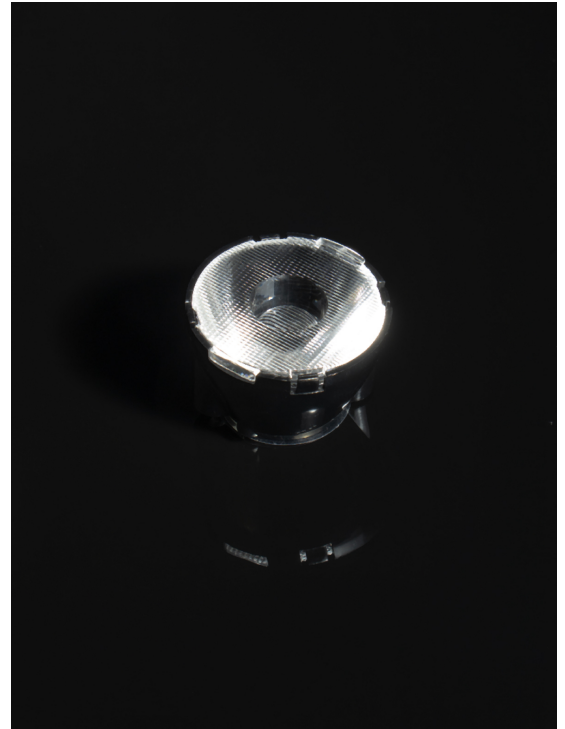


GABRIELLA-MIDI-O

~12+40° oval beam with holder and installation tape

SPECIFICATION:

Dimensions	Ø 37.8
Height	24.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

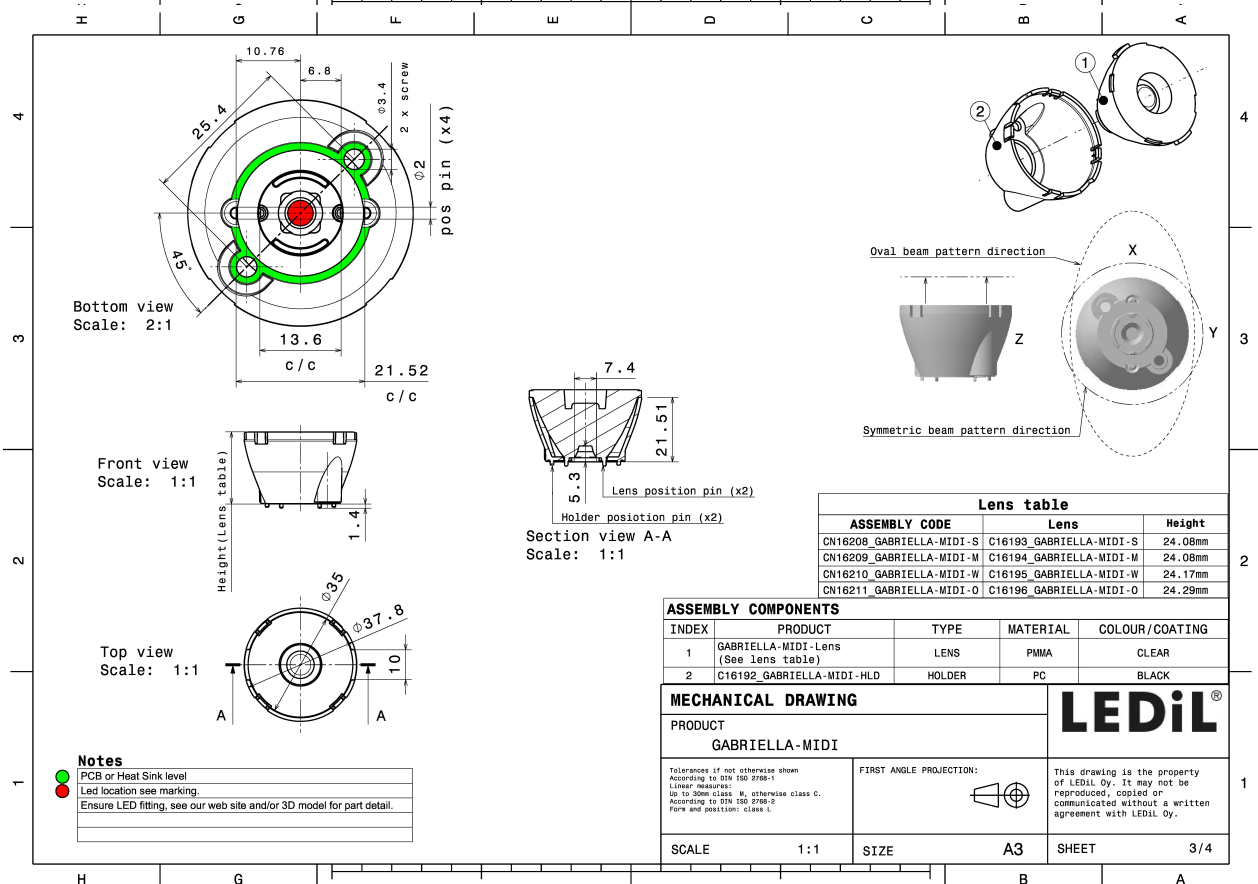
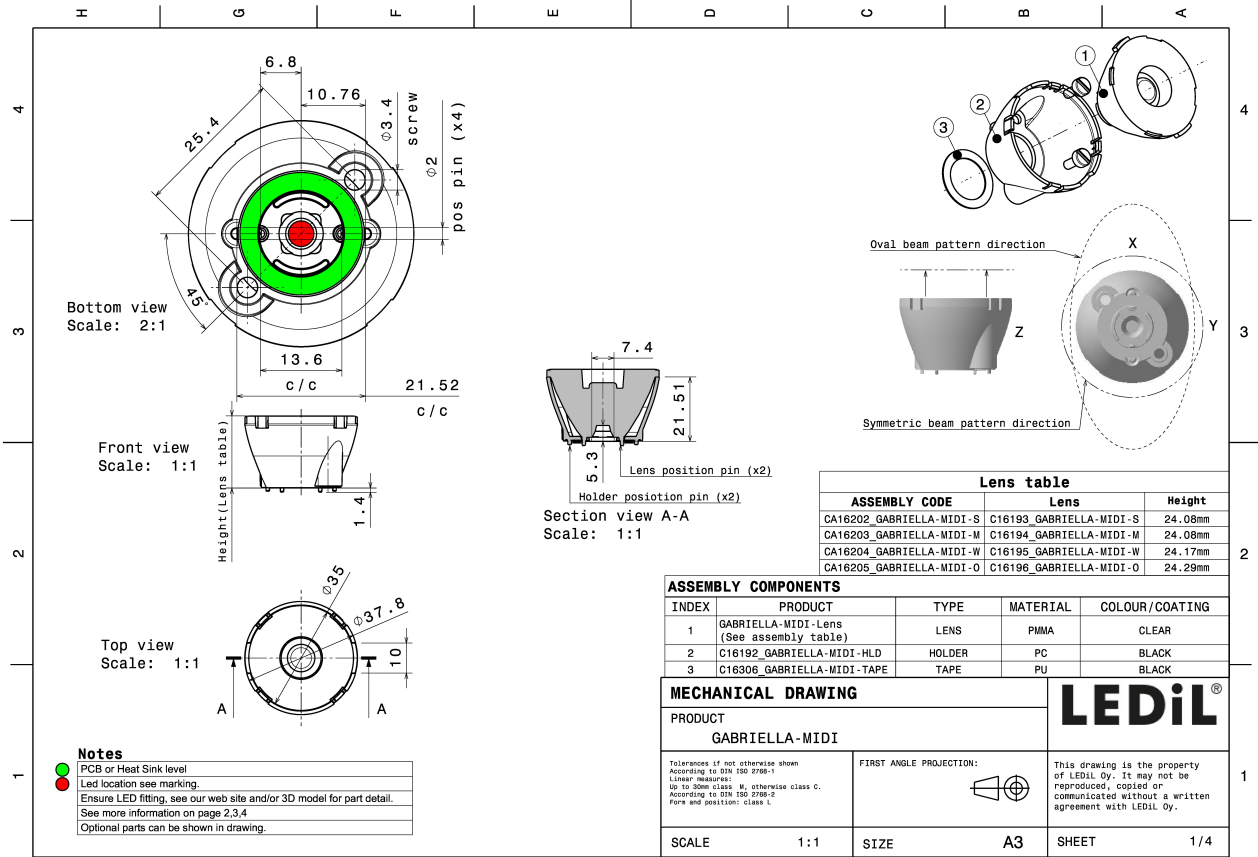


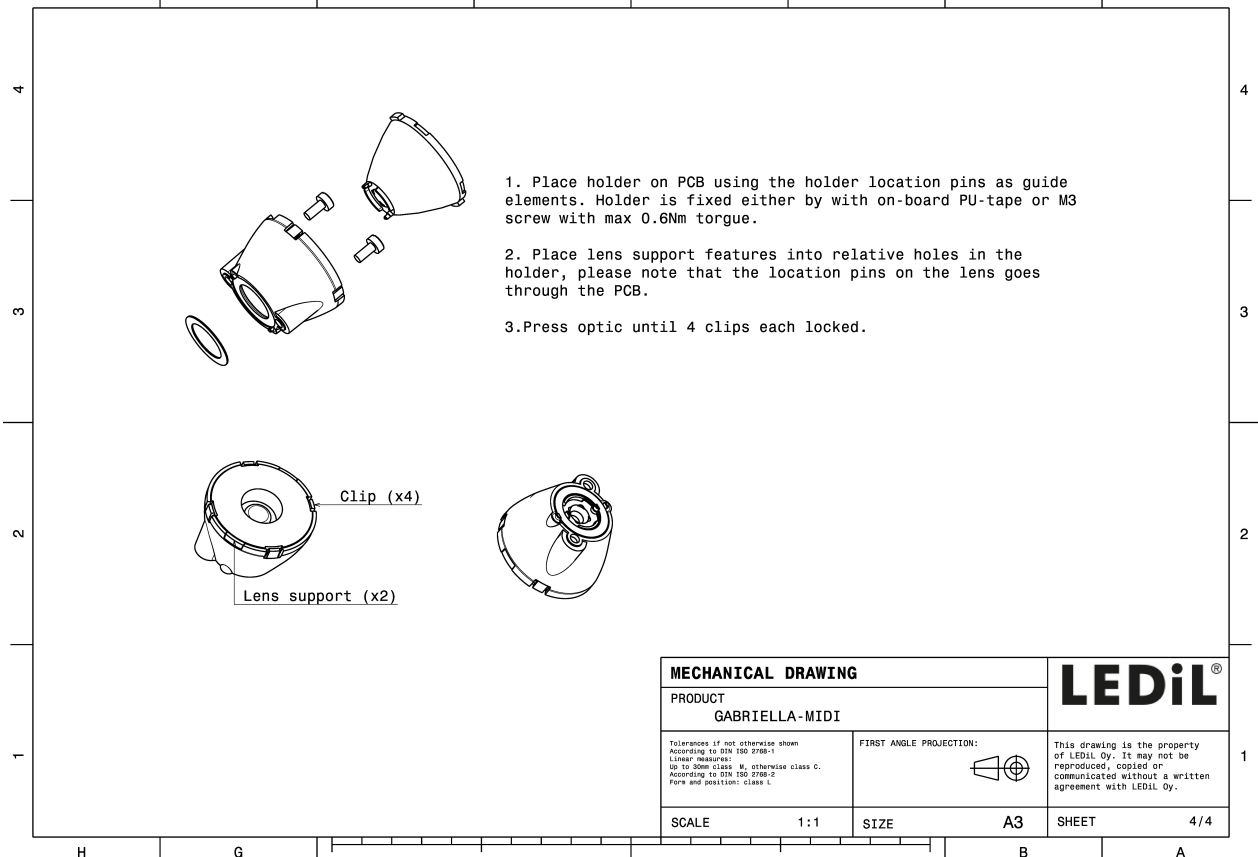
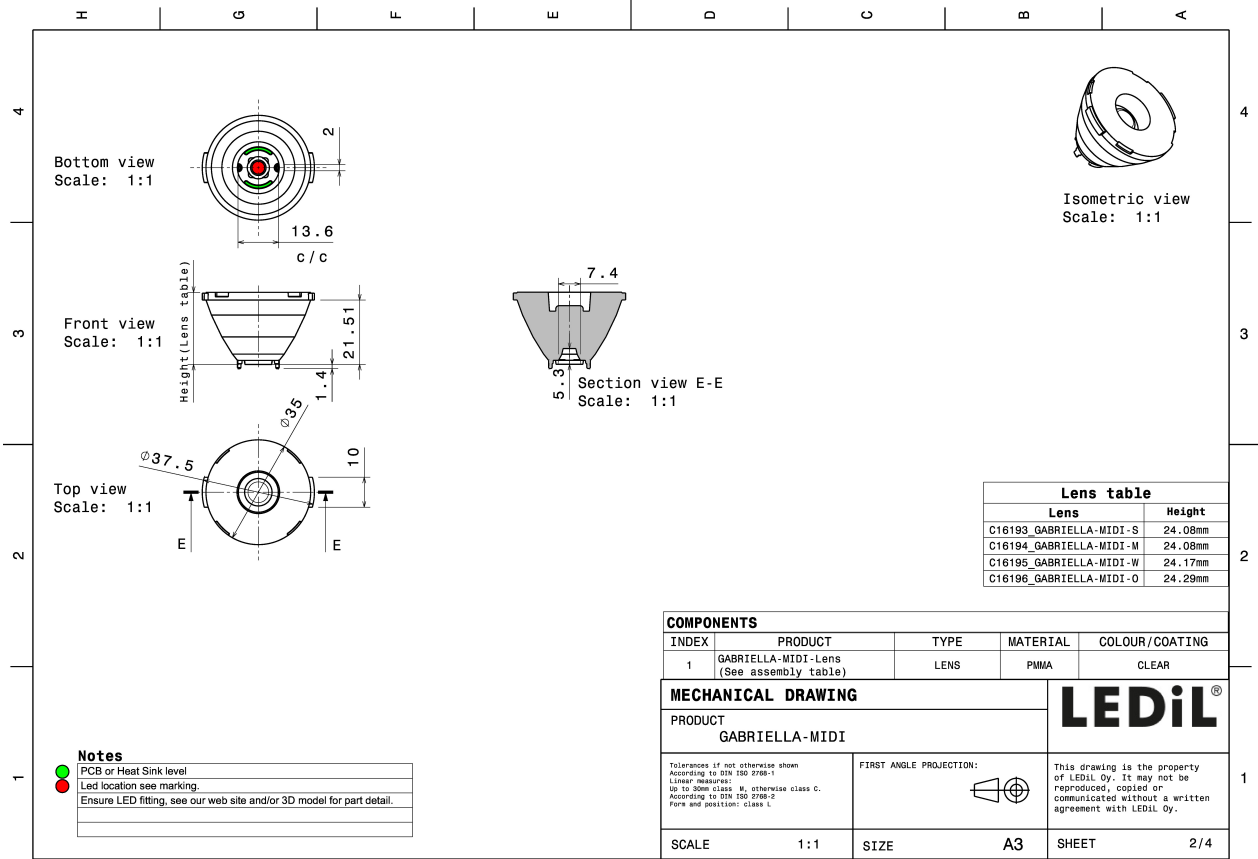
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
GABRIELLA-MIDI-O	Single lens	PMMA	clear		
GABRIELLA-MIDI-HLD	Holder	PC	black		
GABRIELLA-MIDI-HLD	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA16205_GABRIELLA-MIDI-O » Box size: 476 x 273 x 292 mm	500	100	50	10.9



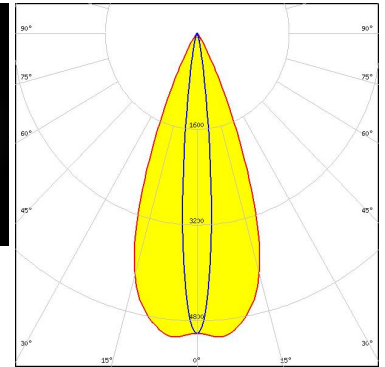


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



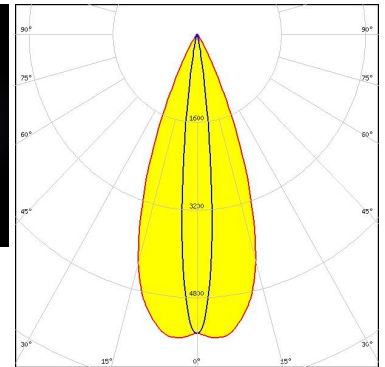
LED XM-L RGBW (XMLDCL HI)
FWHM / FWTM 42.0 + 11.0° / 58.0 + 22.0°
Efficiency 86 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



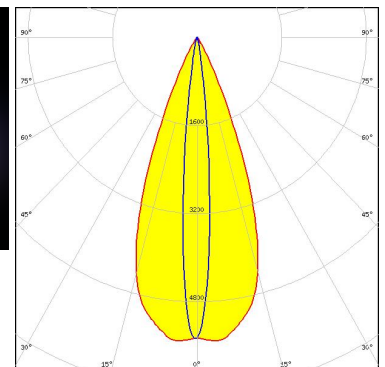
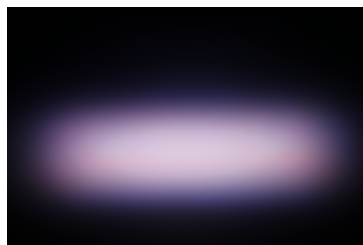
LED XP-L RGBW HD
FWHM / FWTM 40.0 + 12.0° / 58.0 + 21.0°
Efficiency 88 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



LED XP-L RGBW HI Blend
FWHM / FWTM 41.0 + 11.0° / 57.0 + 20.0°
Efficiency 83 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

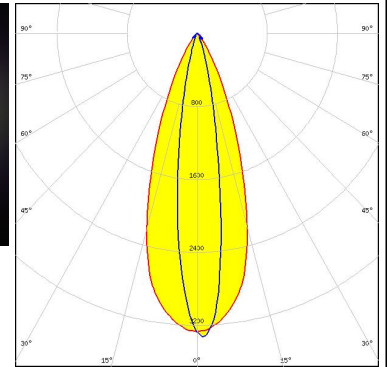


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

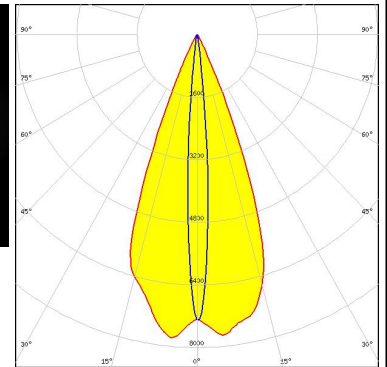
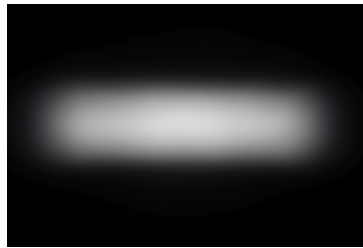
LED OSLON Pure 1414
 FWHM / FWTM 38.0 + 17.0° / 64.0 + 34.0°
 Efficiency 85 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

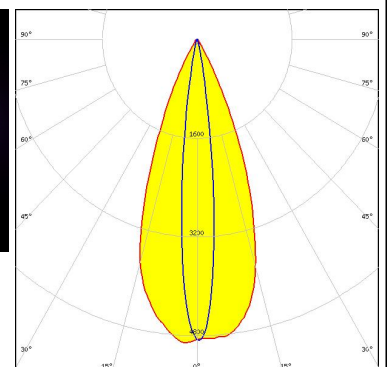
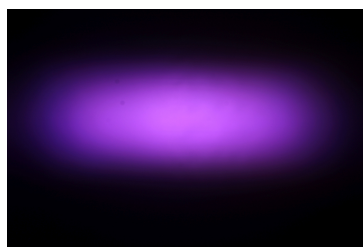
LED OSTAR Projection Compact (KW.CSLNM1.TG)
 FWHM / FWTM 42.0 + 9.0° / 54.0 + 16.0°
 Efficiency 90 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

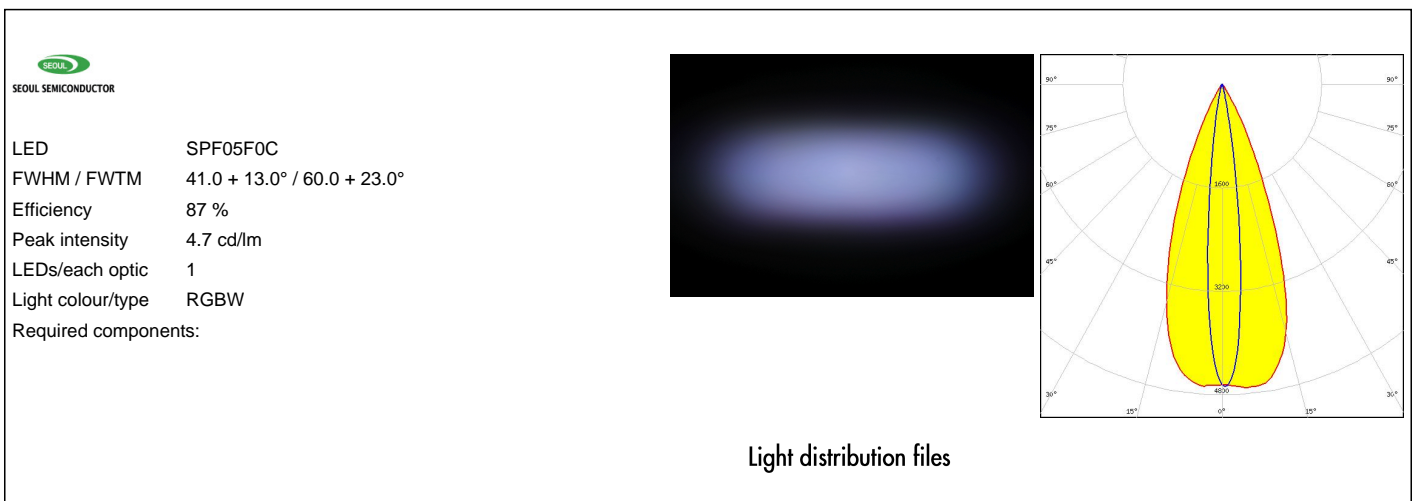
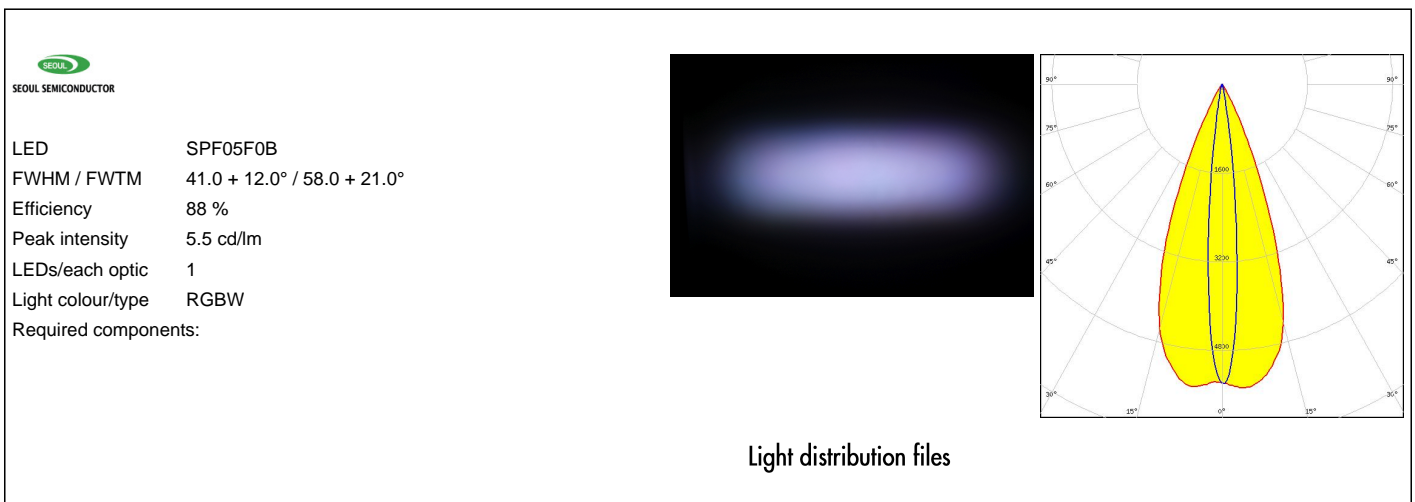
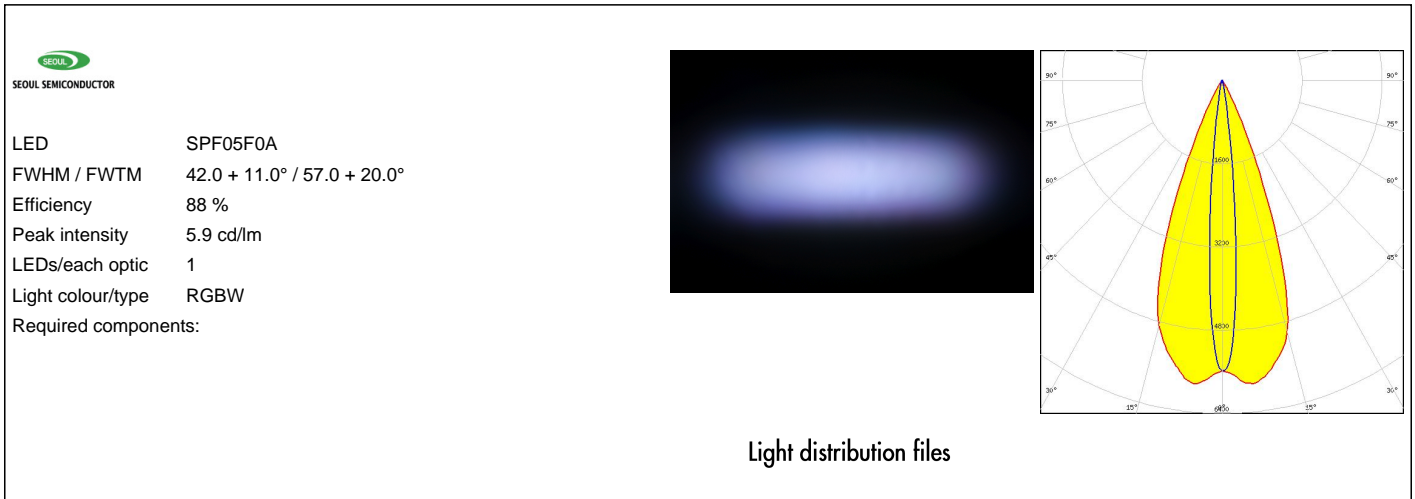
OSRAM
Opto Semiconductors

LED OSTAR Stage (S2WP)
 FWHM / FWTM 40.0 + 12.0° / 60.0 + 23.0°
 Efficiency 87 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files

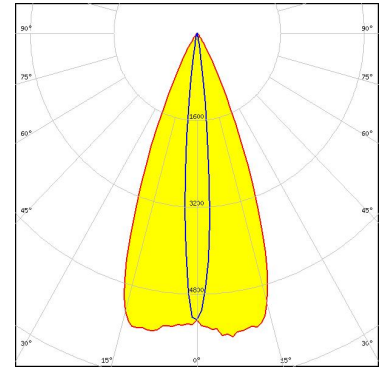
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):



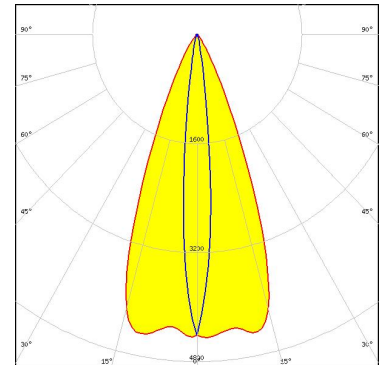
LED XHP35 HI
FWHM / FWTM 43.0 + 10.0° / 60.0 + 18.0°
Efficiency 87 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



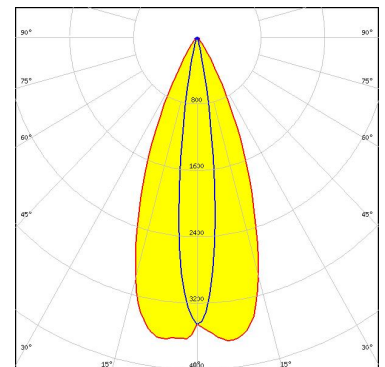
LED XHP35.2 HD
FWHM / FWTM 42.0 + 10.0° / 61.0 + 21.0°
Efficiency 83 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP50
FWHM / FWTM 42.0 + 14.0° / 64.0 + 26.0°
Efficiency 84 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

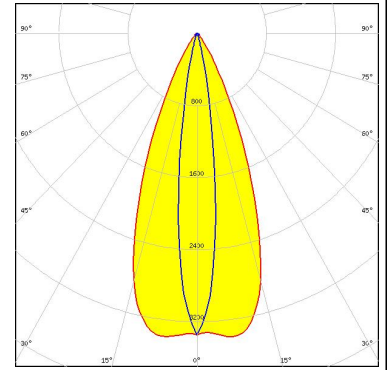


Light distribution files

OPTICAL RESULTS (SIMULATED):



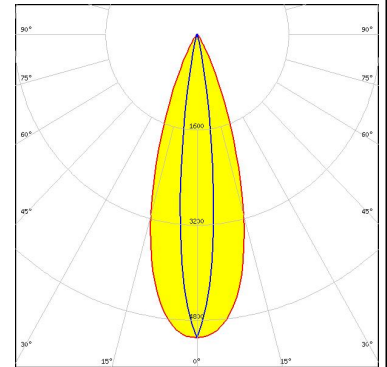
LED XHP50.2
FWHM / FWTM 42.0 + 14.0° / 66.0 + 28.0°
Efficiency 82 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



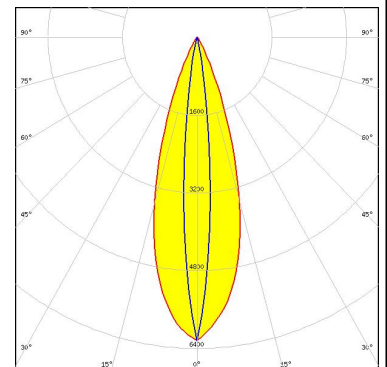
LED XM-L RGBW (XMLCTW)
FWHM / FWTM 13.0 + 34.0° / 24.0 + 57.0°
Efficiency 86 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L2
FWHM / FWTM 11.0 + 33.0° / 21.0 + 54.0°
Efficiency 87 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

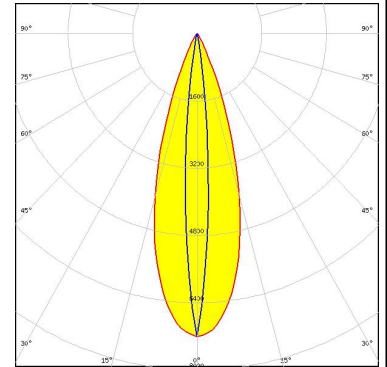


Light distribution files

OPTICAL RESULTS (SIMULATED):



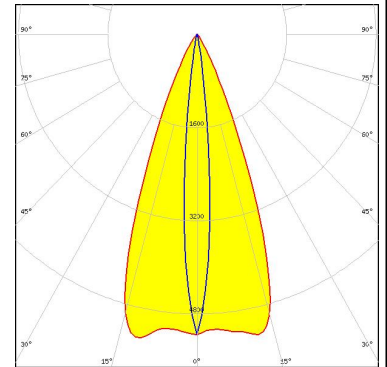
LED XP-G2
 FWHM / FWTM 9.0 + 33.0° / 19.0 + 53.0°
 Efficiency 87 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



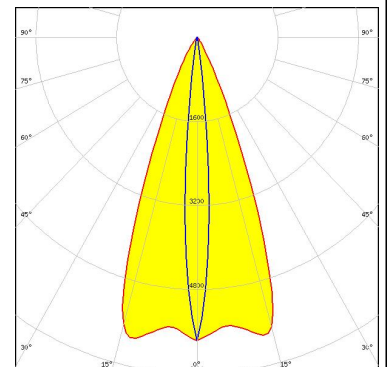
LED XP-G2 HE
 FWHM / FWTM 42.0 + 10.0° / 60.0 + 19.0°
 Efficiency 86 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L HI
 FWHM / FWTM 42.0 + 10.0° / 59.0 + 18.0°
 Efficiency 87 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

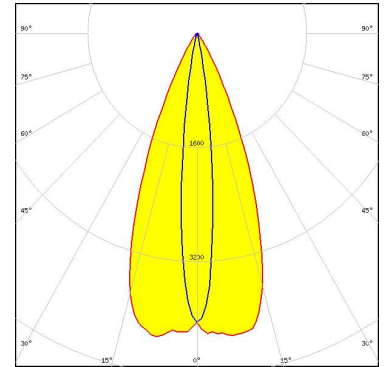


Light distribution files

OPTICAL RESULTS (SIMULATED):



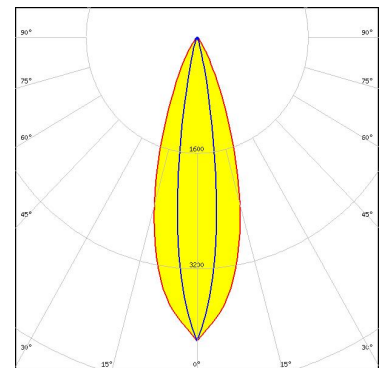
LED LUXEON 5050 Round LES
FWHM / FWTM 12.0 + 44.0° / 22.0 + 64.0°
Efficiency 86 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



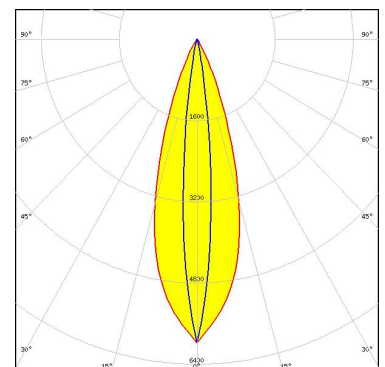
LED LUXEON M/MX
FWHM / FWTM 15.0 + 33.0° / 28.0 + 58.0°
Efficiency 84 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON MZ
FWHM / FWTM 11.0 + 32.0° / 22.0 + 55.0°
Efficiency 86 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

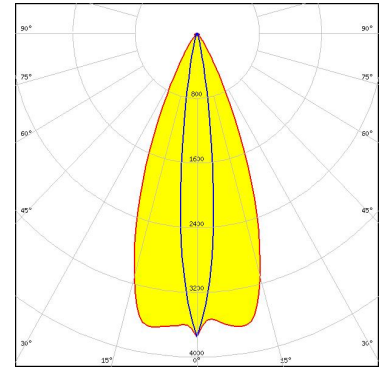


Light distribution files

OPTICAL RESULTS (SIMULATED):



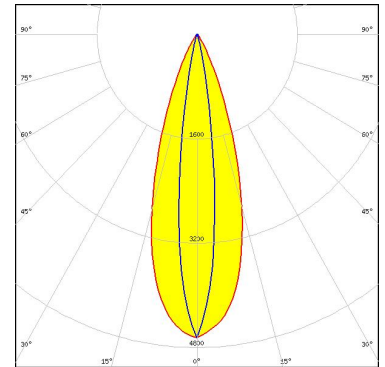
LED NCSxE17A
FWHM / FWTM 42.0 + 12.0° / 64.0 + 24.0°
Efficiency 81 %
Peak intensity 3.8 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



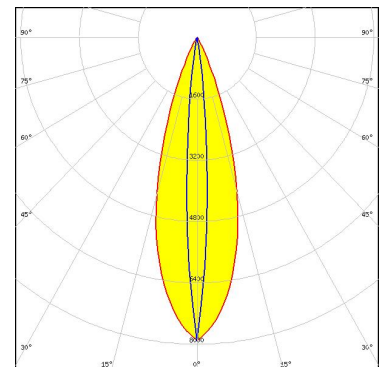
LED Duris S8
FWHM / FWTM 14.0 + 34.0° / 26.0 + 57.0°
Efficiency 86 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLON Square EC
FWHM / FWTM 8.0 + 31.0° / 17.0 + 52.0°
Efficiency 87 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

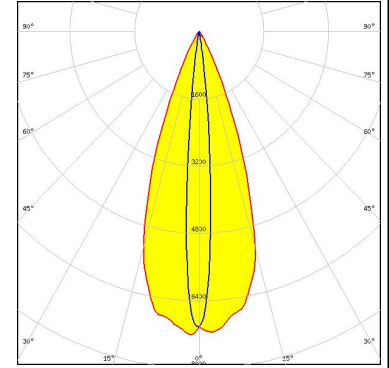


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WN)
FWHM / FWTM	9.0 + 38.0° / 17.0 + 57.0°
Efficiency	87 %
Peak intensity	7.2 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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