

G2-LXP2-RS-P

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape. Variant with thin holder with pins.

SPECIFICATION:

Dimensions	Ø 21.8
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

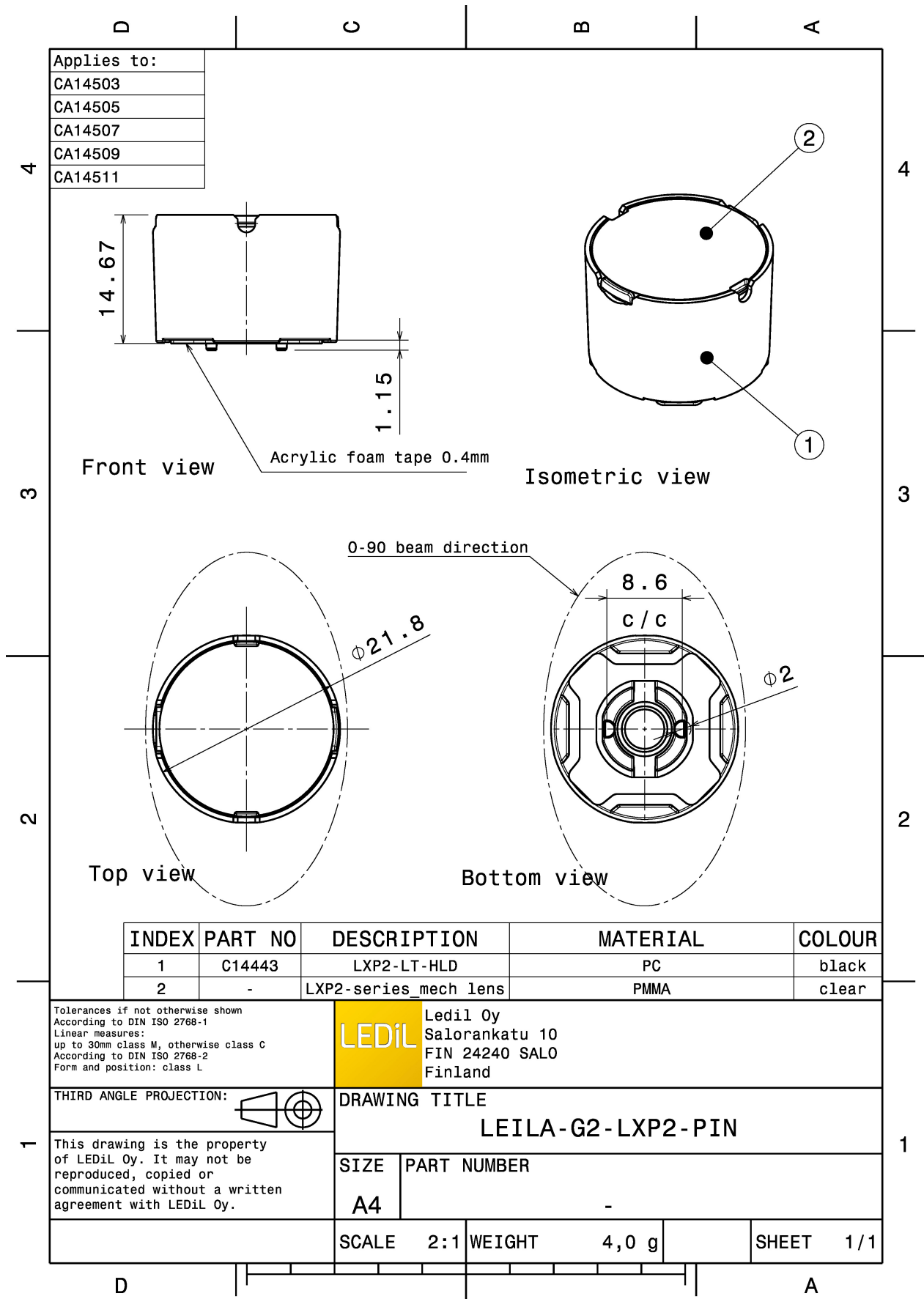


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LXP2-RS	Single lens	PMMA	clear		
LXP2-LT-HLD	Holder	PC	black		
HEIDI-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA14503_G2-LXP2-RS-P			112	0.0
» Box size:				

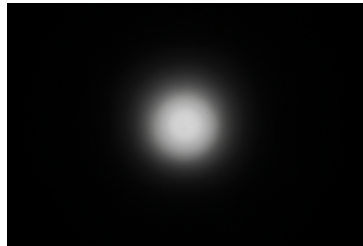


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



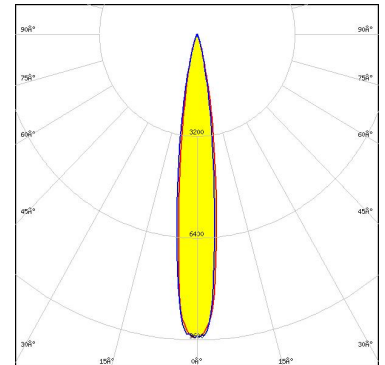
LED XP-E
FWHM / FWTM 7.8° / 16.0°
Efficiency 89 %
Peak intensity 35.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



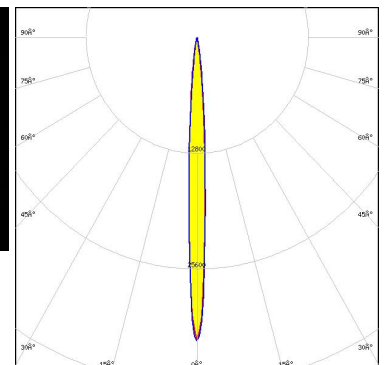
LED XP-L HD
FWHM / FWTM 14.0° / 29.0°
Efficiency 90 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON C
FWHM / FWTM 6.0° / 16.0°
Efficiency 85 %
Peak intensity 34 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

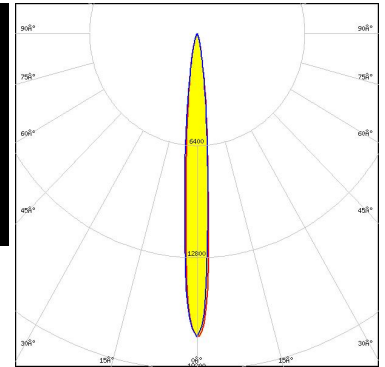
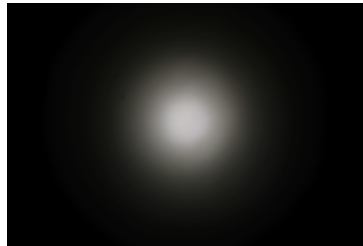


Light distribution files

OPTICAL RESULTS (MEASURED):



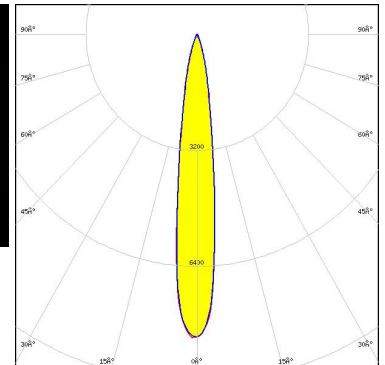
LED LUXEON Rebel ES
 FWHM / FWTM 9.0° / 22.0°
 Efficiency 89 %
 Peak intensity 17.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



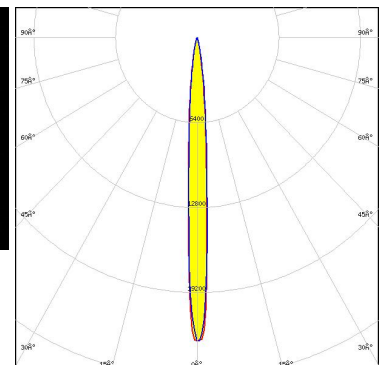
LED LUXEON V
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 89 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NCSxx19A
 FWHM / FWTM 7.2° / 19.0°
 Efficiency 90 %
 Peak intensity 22.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

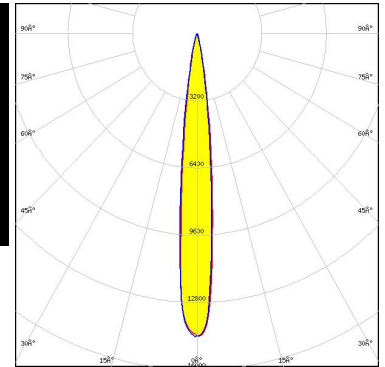
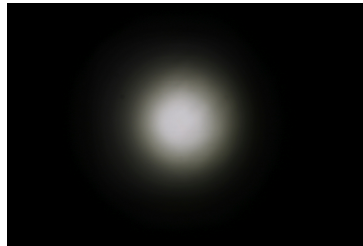


Light distribution files

OPTICAL RESULTS (MEASURED):



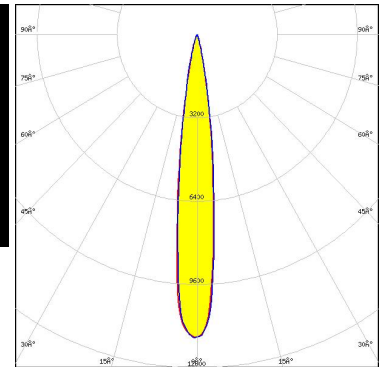
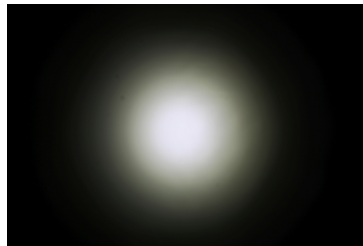
LED NVSW219F
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 92 %
 Peak intensity 14.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



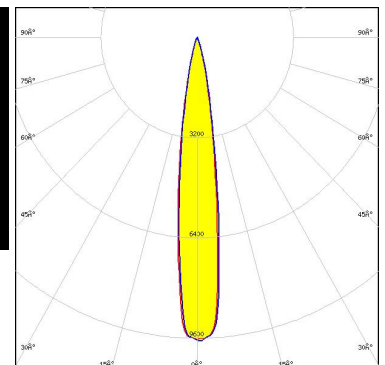
LED NVSW319B
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 92 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW519A
 FWHM / FWTM 15.0° / 30.0°
 Efficiency 91 %
 Peak intensity 9.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

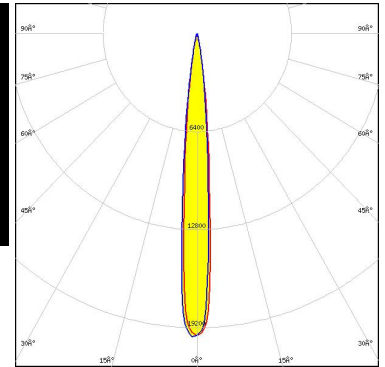


Light distribution files

OPTICAL RESULTS (MEASURED):



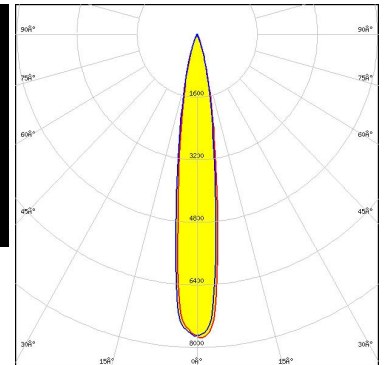
LED NVSW719AC
 FWHM / FWTM 10.0° / 21.0°
 Efficiency 92 %
 Peak intensity 19.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NWSx229A
 FWHM / FWTM 15.0° / 34.0°
 Efficiency 88 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



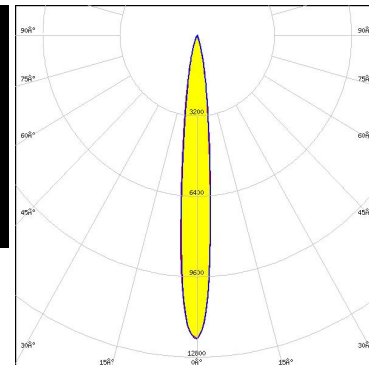
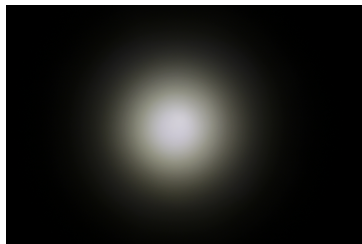
LED PLPVEC2 850A
 FWHM / FWTM 5.0° / 12.0°
 Efficiency %
 LEDs/each optic 1
 Light colour/type IR
 Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):



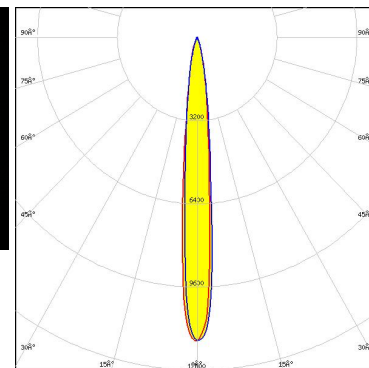
LED Z5M3
 FWHM / FWTM 11.0° / 27.0°
 Efficiency 88 %
 Peak intensity 12.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z8Y22P
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 83 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

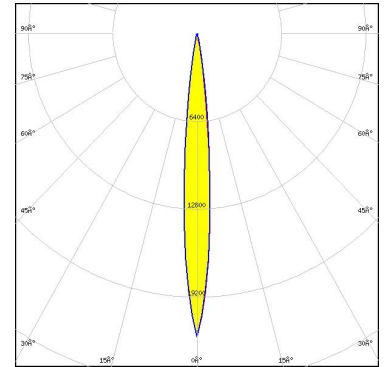


Light distribution files

OPTICAL RESULTS (SIMULATED):



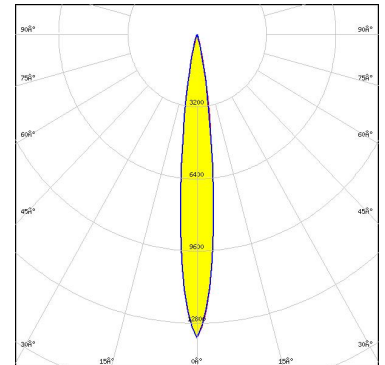
LED XP-G2
FWHM / FWTM 10.0° / 20.0°
Efficiency 95 %
Peak intensity 22.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



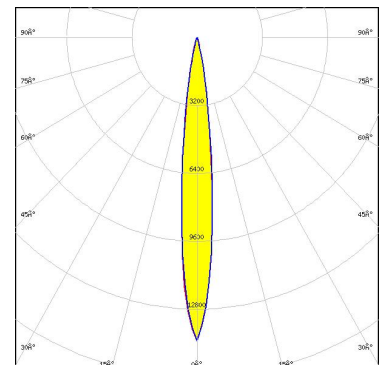
LED XP-G2 HE
FWHM / FWTM 12.0° / 26.0°
Efficiency 91 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G3
FWHM / FWTM 12.0° / 24.0°
Efficiency 90 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

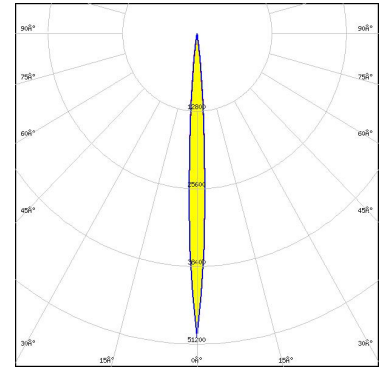


Light distribution files

OPTICAL RESULTS (SIMULATED):



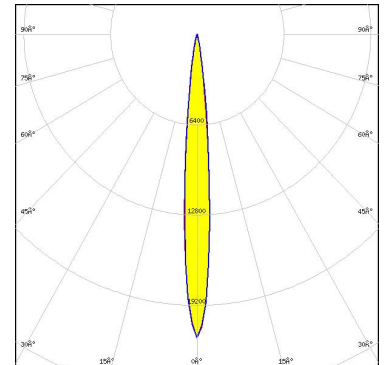
LED XQ-E HI
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 50 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



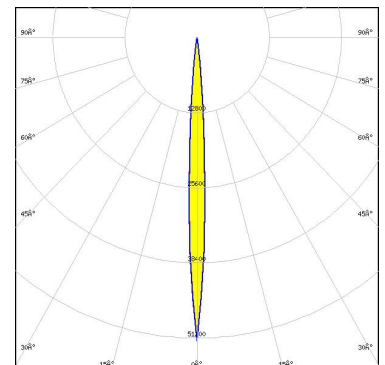
LED XT-E
FWHM / FWTM 9.7° / 20.0°
Efficiency 91 %
Peak intensity 21.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 93 %
Peak intensity 51.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

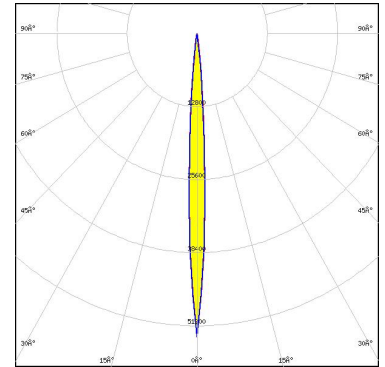


Light distribution files

OPTICAL RESULTS (SIMULATED):



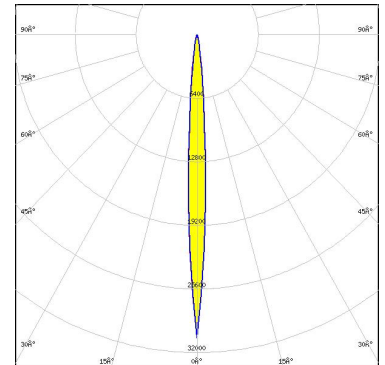
LED LUXEON CZ
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 92 %
 Peak intensity 53.2 cd/m
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files



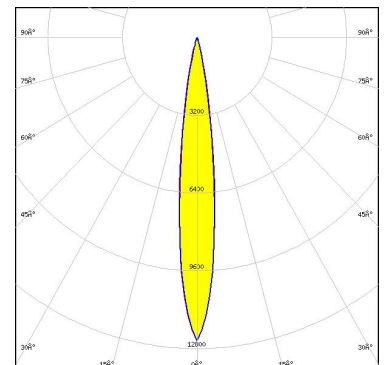
LED LUXEON HL1Z
 FWHM / FWTM 6.0° / 16.0° + 17.0°
 Efficiency 88 %
 Peak intensity 30.5 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON HL2X
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 93 %
 Peak intensity 12.5 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:

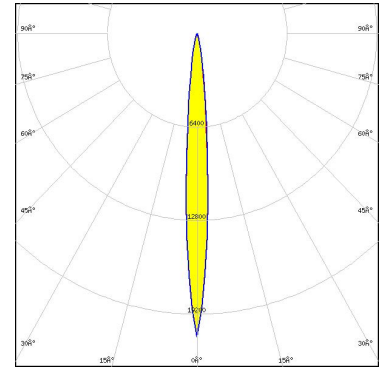


Light distribution files

OPTICAL RESULTS (SIMULATED):



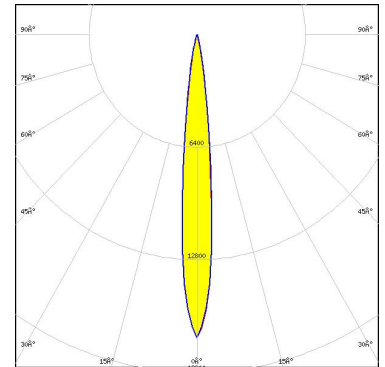
LED LUXEON HL2Z
 FWHM / FWTM 8.0° / 21.0°
 Efficiency 90 %
 Peak intensity 20.8 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON HL4Z
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 93 %
 Peak intensity 17.2 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

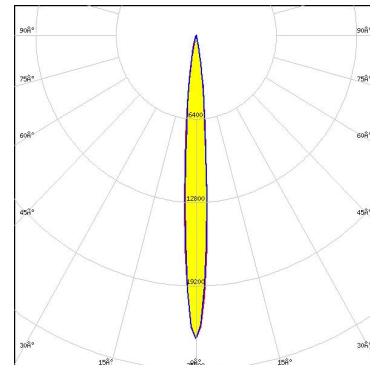


LED LUXEON IR Domed 150 (L110-0xxx150000000)
 FWHM / FWTM 9.0° / 20.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

OPTICAL RESULTS (SIMULATED):



LED LUXEON IR Domed 60 (L110-0xxx0600000000)
 FWHM / FWTM 8.0° / 20.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



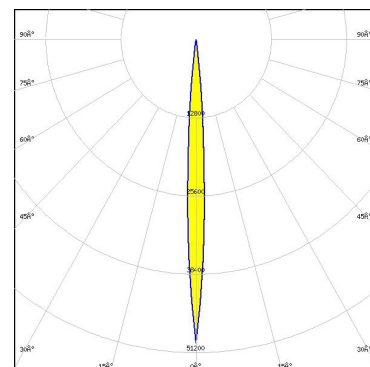
Light distribution files



LED LUXEON IR Domed 90 (L110-0xxx0900000000)
 FWHM / FWTM 10.0° / 23.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON Rubix
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 93 %
 Peak intensity 49.6 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:

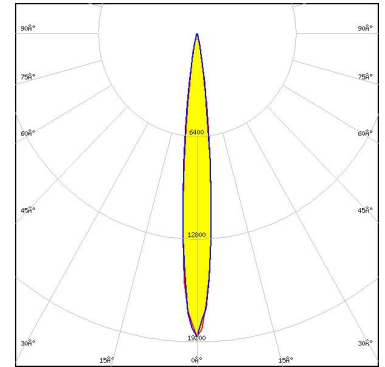


Light distribution files

OPTICAL RESULTS (SIMULATED):



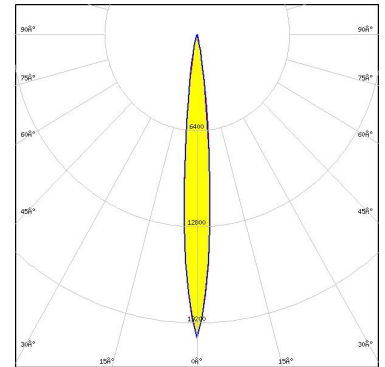
LED LUXEON T
FWHM / FWTM 11.0° / 21.0°
Efficiency 93 %
Peak intensity 19.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



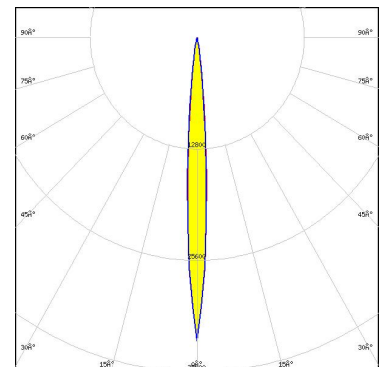
LED LUXEON TX
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 20.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Z ES
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 34.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

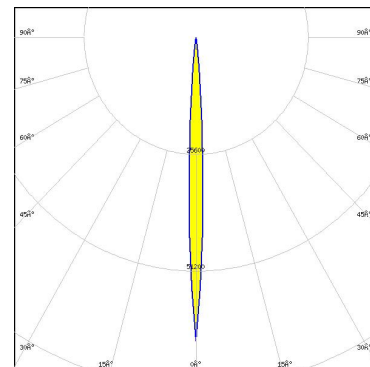


Light distribution files

OPTICAL RESULTS (SIMULATED):



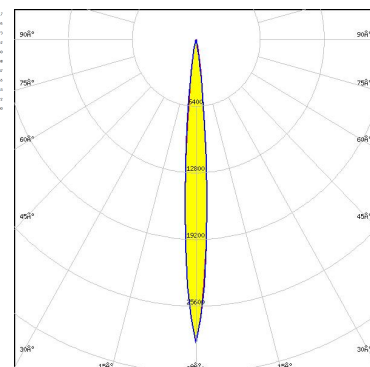
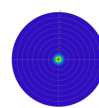
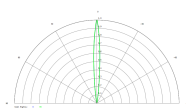
LED SFT-12R-W-A
FWHM / FWTM 6.0° / 12.0°
Efficiency 93 %
Peak intensity 66.5 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



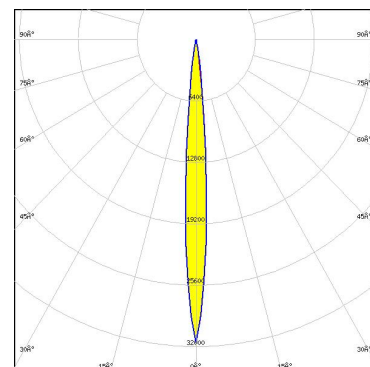
LED SST-10-B130
FWHM / FWTM 8.0° / 17.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



LED SST-12 Gen1
FWHM / FWTM 8.0° / 16.0°
Efficiency 92 %
Peak intensity 31.6 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

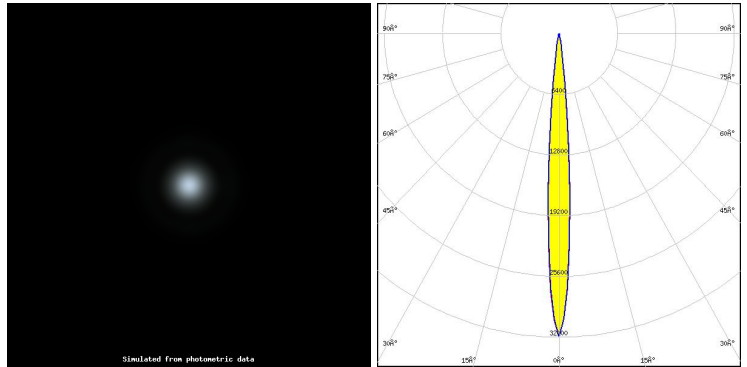


Light distribution files

OPTICAL RESULTS (SIMULATED):



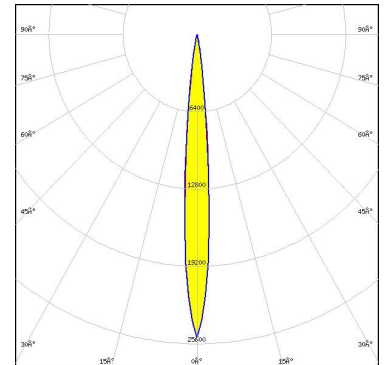
LED SST-12 Gen2
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 93 %
 Peak intensity 32 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



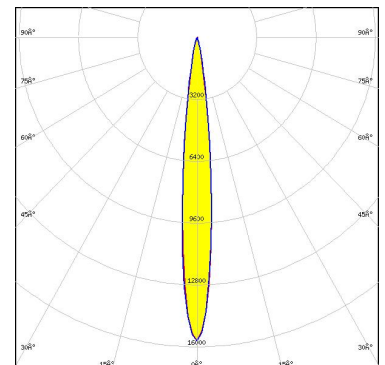
LED SST-20 Gen2
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 92 %
 Peak intensity 25.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 89 %
 Peak intensity 15.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

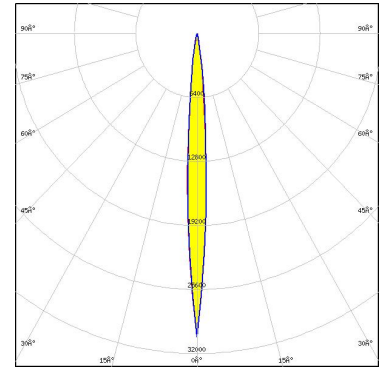


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

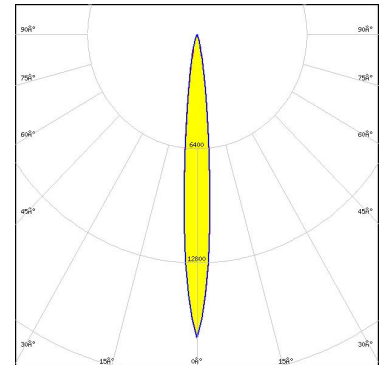
LED OSCONIQ P 3030
FWHM / FWTM 8.0° / 18.0°
Efficiency 92 %
Peak intensity 30.3 cd/m
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files

OSRAM
Opto Semiconductors

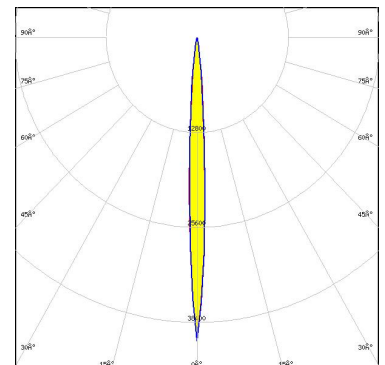
LED OSCONIQ P 3737 Flat
FWHM / FWTM 10.0° / 23.0°
Efficiency 93 %
Peak intensity 17 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Black Flat (LUW HWQP)
FWHM / FWTM 6.2° / 15.0°
Efficiency 92 %
Peak intensity 40.9 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

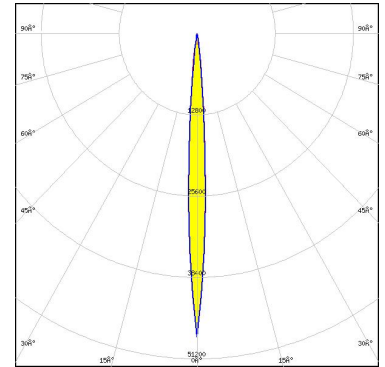


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

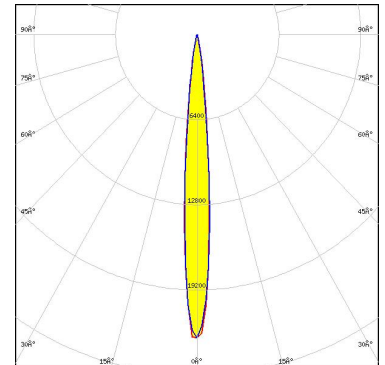
LED OSLON Pure 1414
FWHM / FWTM 6.0° / 14.0°
Efficiency 93 %
Peak intensity 47.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

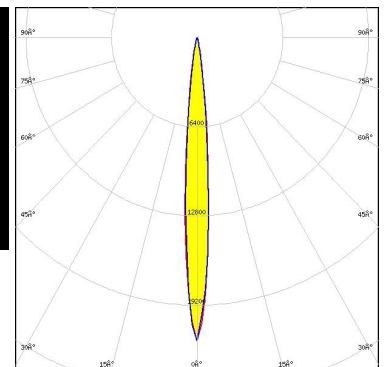
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 9.6° / 19.0°
Efficiency 92 %
Peak intensity 22.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square Flat
FWHM / FWTM 9.1° / 20.0°
Efficiency 91 %
Peak intensity 21.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

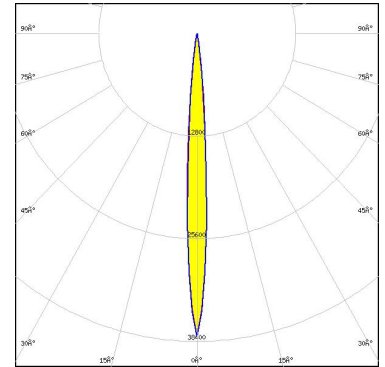


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 37.8 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



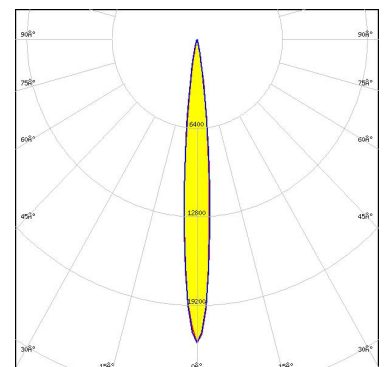
Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 8.0° / 23.0°
Efficiency 85 %
LEDs/each optic 1
Light colour/type White
Required components:

SAMSUNG

LED LH351A
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 21.9 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

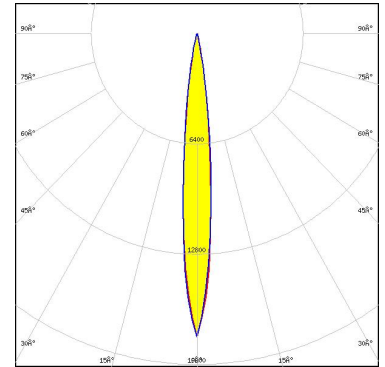


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351B
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 92 %
 Peak intensity 17.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

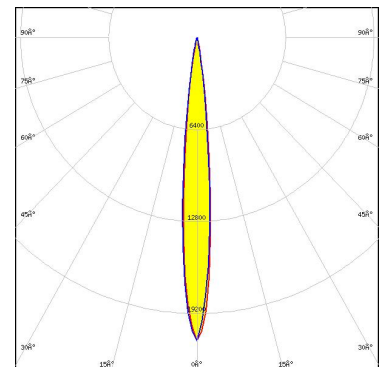
SAMSUNG

LED LH351D
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 90 %
 Peak intensity 8.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



LED Z5M1/Z5M2
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 93 %
 Peak intensity 21.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

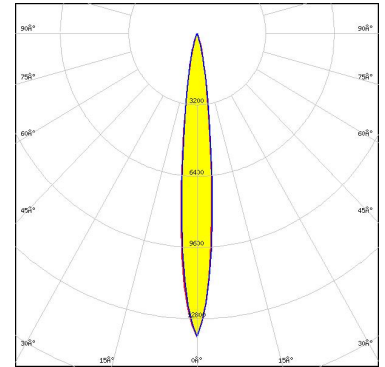


Light distribution files

OPTICAL RESULTS (SIMULATED):



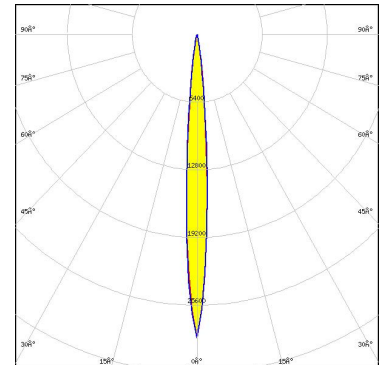
LED Z5M4
FWHM / FWTM 12.0° / 26.0°
Efficiency 94 %
Peak intensity 13.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



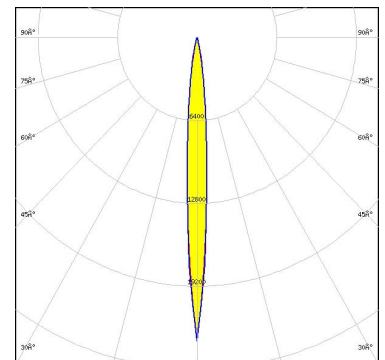
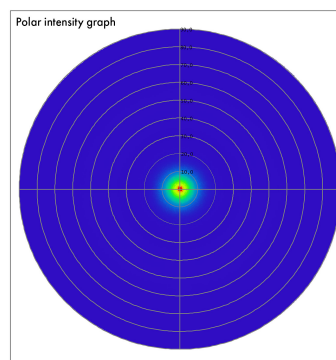
LED Z5P
FWHM / FWTM 8.0° / 17.0°
Efficiency 92 %
Peak intensity 28.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED FWR1107MS
FWHM / FWTM 8.0° / 21.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type IR
Required components:

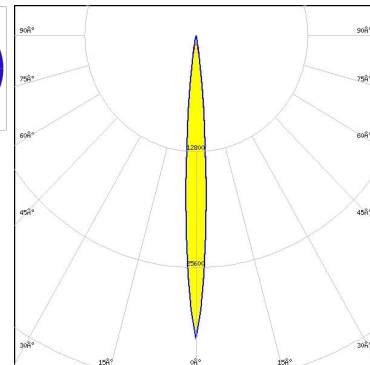
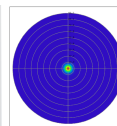
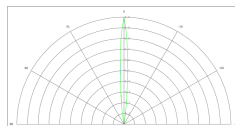


Light distribution files

OPTICAL RESULTS (SIMULATED):



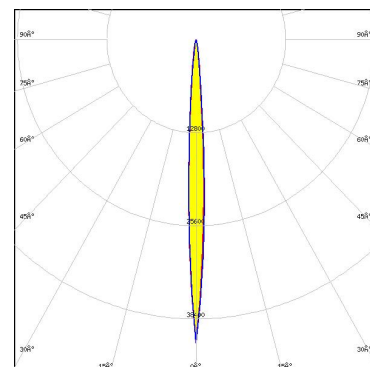
LED FWR1108MS
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



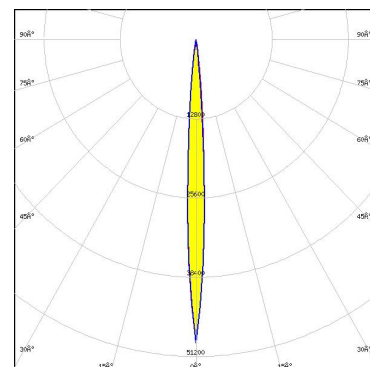
LED MFN1107MS
FWHM / FWTM 6.0° / 14.0°
Efficiency 89 %
Peak intensity 41.7 cd/m
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



LED MFN1108MS
FWHM / FWTM 6.0° / 14.0°
Efficiency 91 %
Peak intensity 49 cd/m
LEDs/each optic 1
Light colour/type IR
Required components:

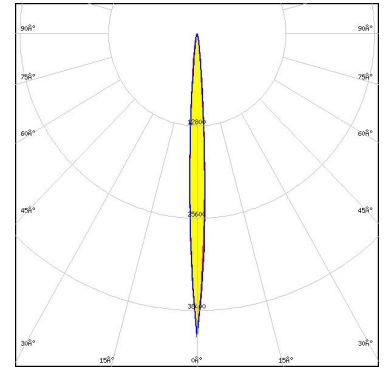


Light distribution files

OPTICAL RESULTS (SIMULATED):



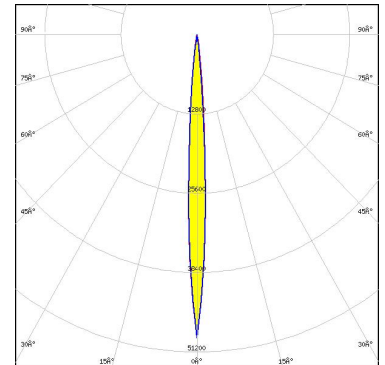
LED MGN1107MS
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 89 %
 Peak intensity 42.1 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



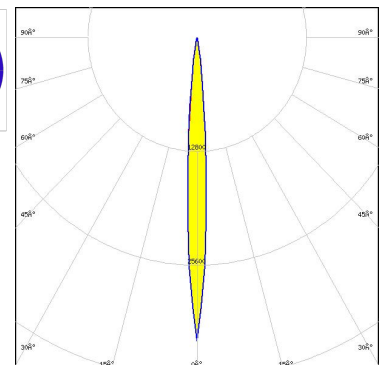
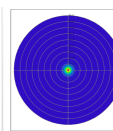
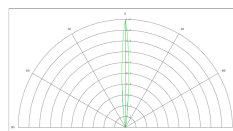
LED MGN1108MS
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 91 %
 Peak intensity 48.9 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MJN1107MS
 FWHM / FWTM 7.0° / 16.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:

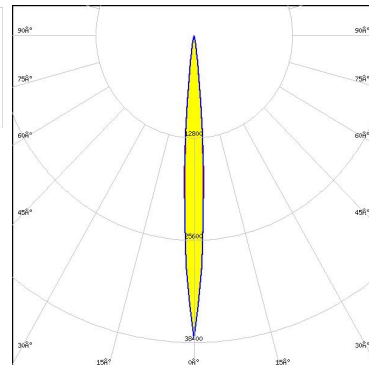
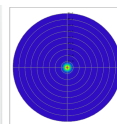
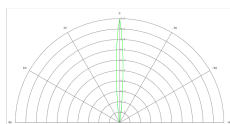


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED MJN1108MS
FWHM / FWTM 7.0° / 15.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type IR
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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