

G2-LXP2-D-P

~14° diffused spot beam with light, black holder.
Assembly with location pins and installation tape.

SPECIFICATION:

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

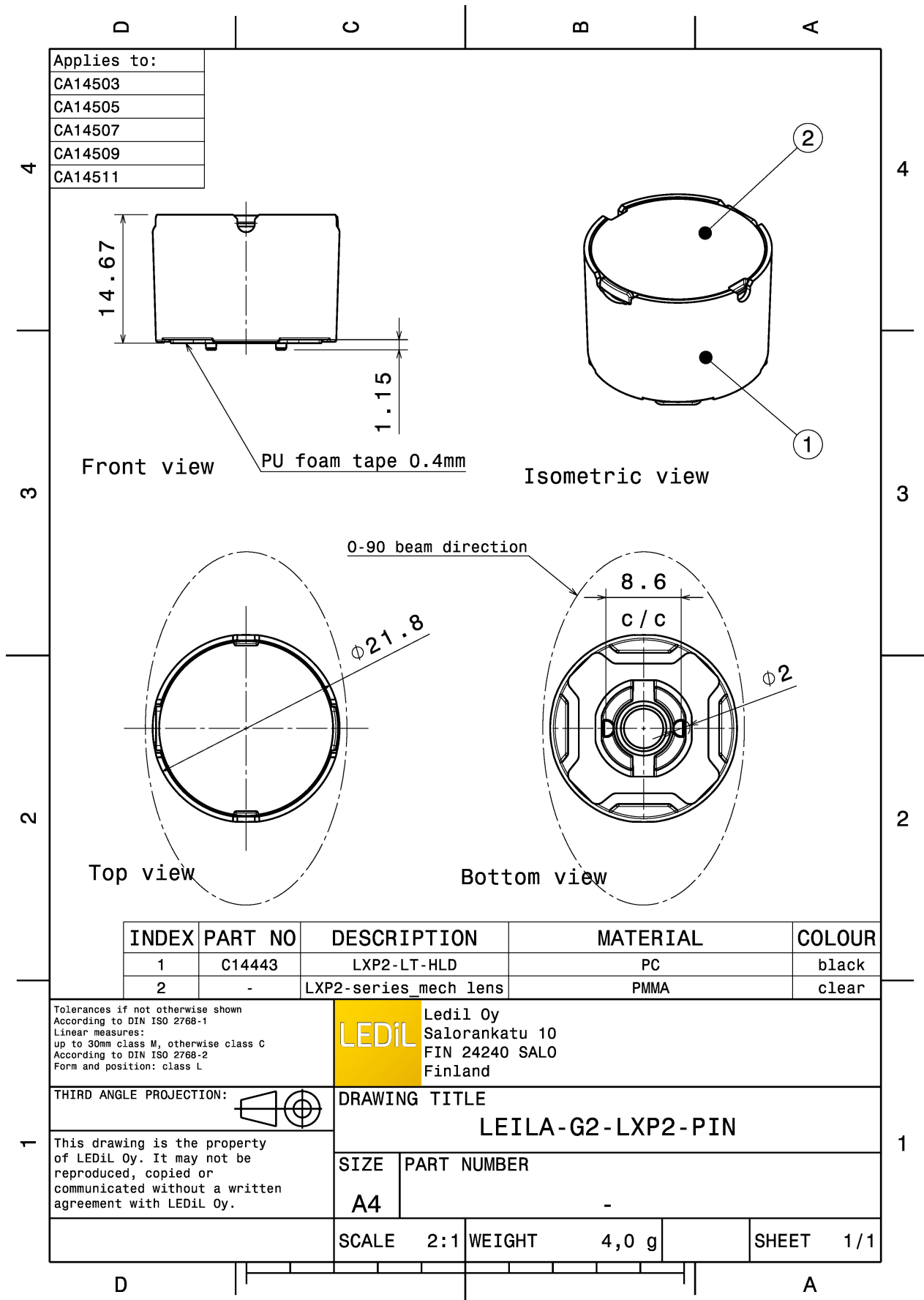


MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|-------------|-------------|------------|--------|--------|-------------|
| LXP2-D | Single lens | PMMA | clear | | |
| LXP2-LT-HLD | Holder | PC | black | | |
| HEIDI-TAPE | Tape | Acryl tape | black | | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| CA14507_G2-LXP2-D-P » Box size: 480 x 280 x 300 mm | 1680 | | 112 | 8.3 |

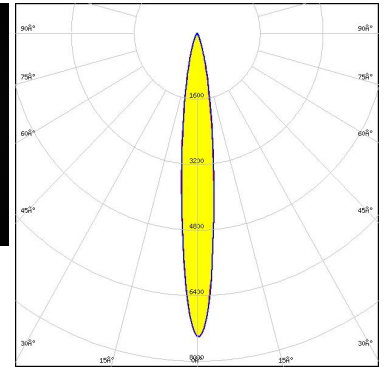


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



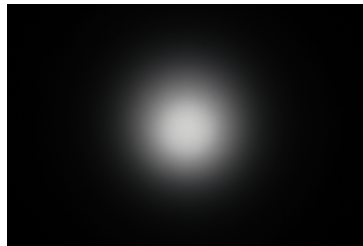
LED XD16
FWHM / FWTM 13.0° / 32.0°
Efficiency 78 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



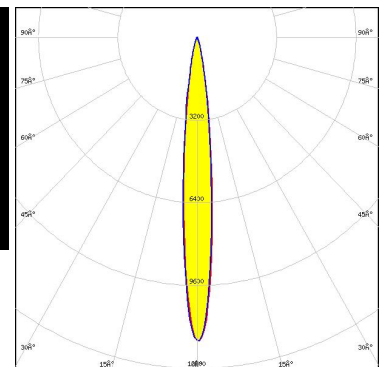
LED XP-E
FWHM / FWTM 9.7° / 22.0°
Efficiency 88 %
Peak intensity 19.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XQ-E HD
FWHM / FWTM 11.0° / 25.0°
Efficiency 85 %
Peak intensity 11.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

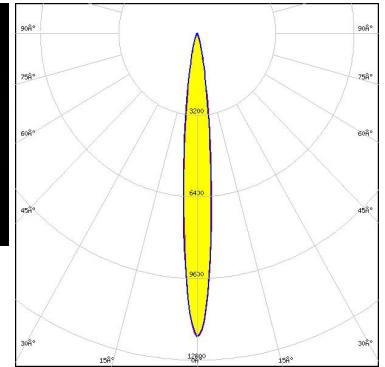
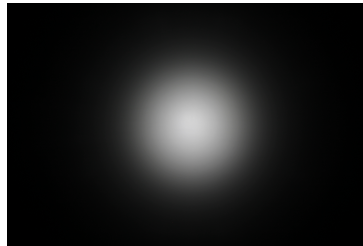


Light distribution files

OPTICAL RESULTS (MEASURED):



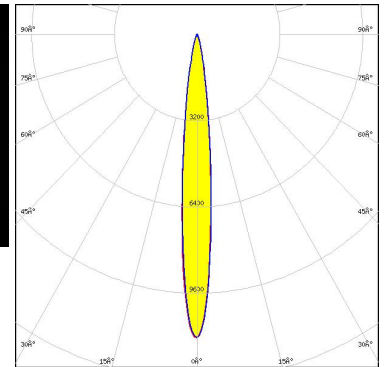
LED XQ-E HI
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 84 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



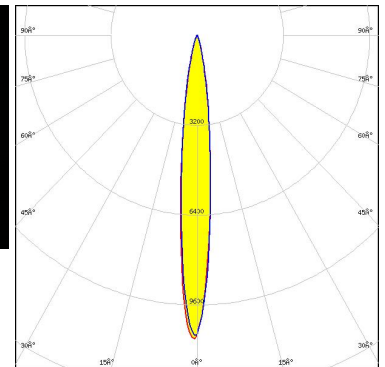
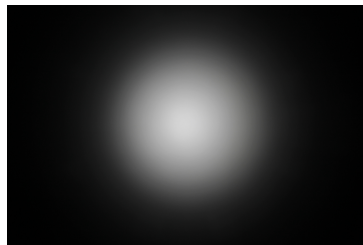
LED LUXEON C
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 80 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON CZ
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 86 %
 Peak intensity 10.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

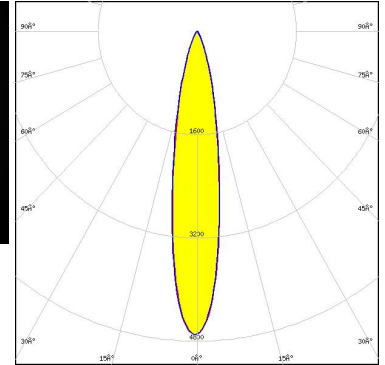


Light distribution files

OPTICAL RESULTS (MEASURED):



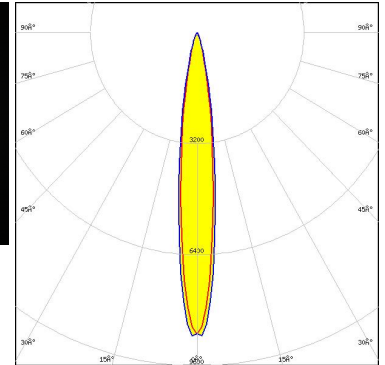
LED LUXEON V
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 83 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



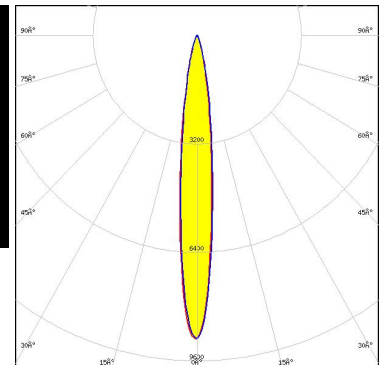
LED LUXEON Z ES
 FWHM / FWTM 14.0° / 31.0°
 Efficiency 83 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NCSxx19A
 FWHM / FWTM 13.0° / 30.0°
 Efficiency 86 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

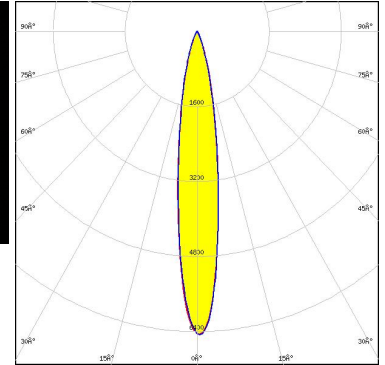


Light distribution files

OPTICAL RESULTS (MEASURED):



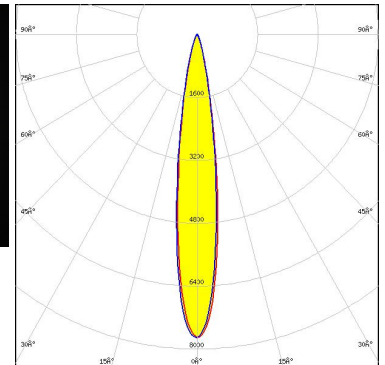
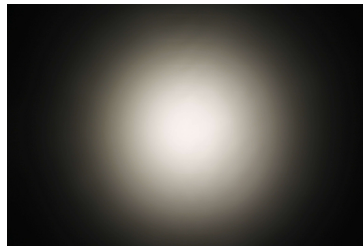
LED NF2x757G
 FWHM / FWTM 16.0° / 37.0°
 Efficiency 88 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



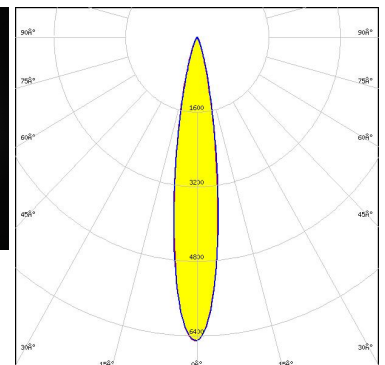
LED NVSW219F
 FWHM / FWTM 15.0° / 32.0°
 Efficiency 87 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW319B
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 87 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

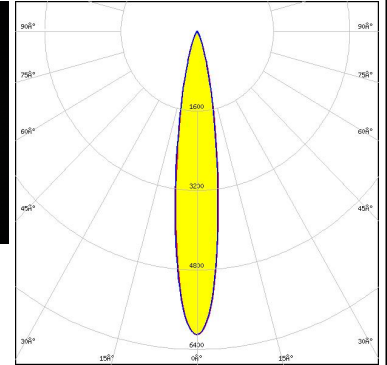


Light distribution files

OPTICAL RESULTS (MEASURED):



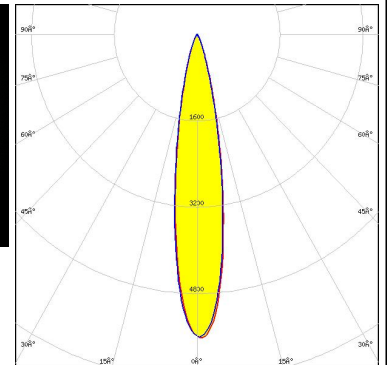
LED NVSW3x9A
 FWHM / FWTM 17.0° / 36.0°
 Efficiency 81 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



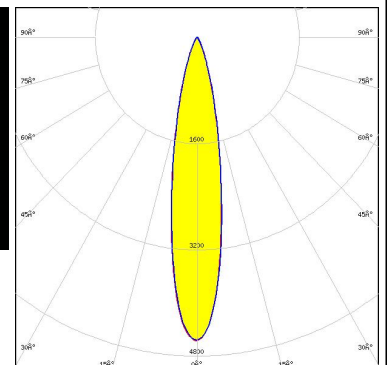
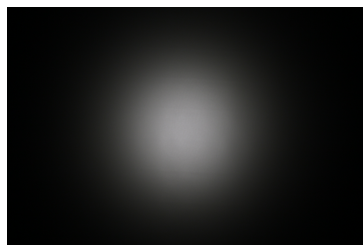
LED NVSW519A
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 86 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NWSx229A
 FWHM / FWTM 29.0° / 42.0°
 Efficiency 83 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

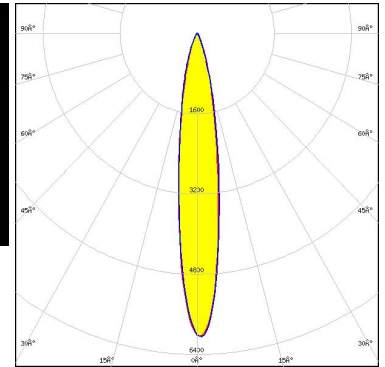
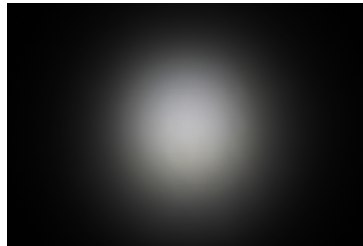


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

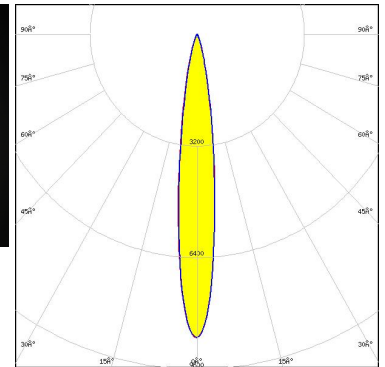
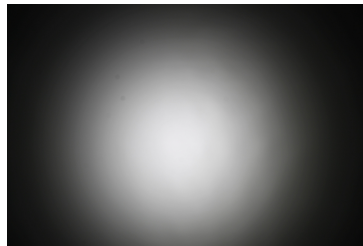
LED Duris S5 (Single chip)
 FWHM / FWTM 16.0° / 38.0°
 Efficiency 86 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

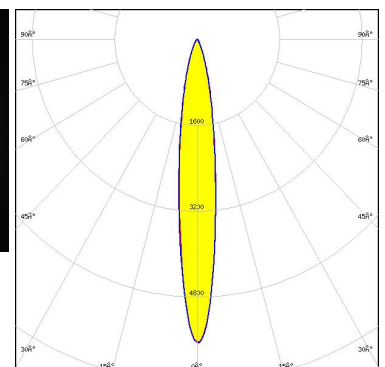
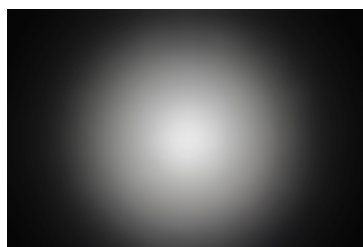
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 14.0° / 31.0°
 Efficiency 88 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LH181A
 FWHM / FWTM 15.0° / 37.0°
 Efficiency 78 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

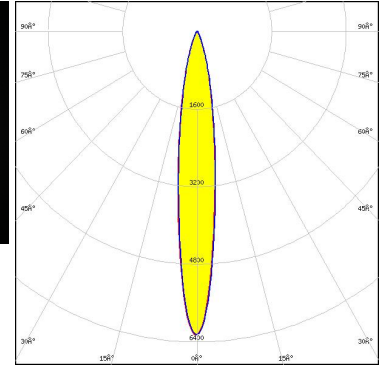


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

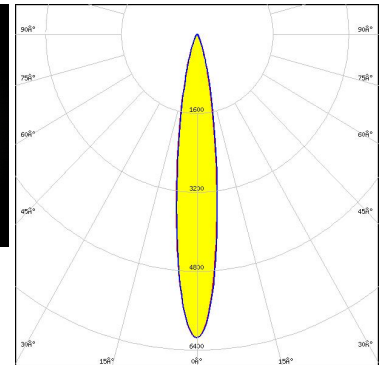
LED LH181B
 FWHM / FWTM 15.0° / 37.0°
 Efficiency 82 %
 Peak intensity 6.3 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



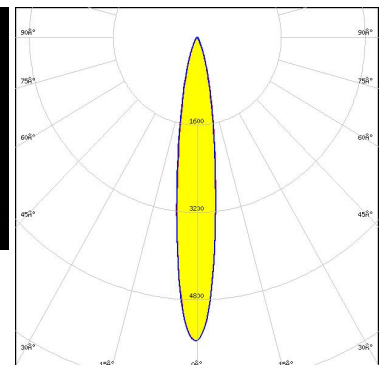
LED Z5M3
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 84 %
 Peak intensity 6.2 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z8Y22P
 FWHM / FWTM 15.0° / 37.0°
 Efficiency 78 %
 Peak intensity 5.6 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:

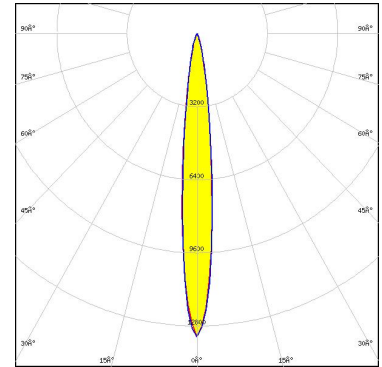


Light distribution files

OPTICAL RESULTS (SIMULATED):



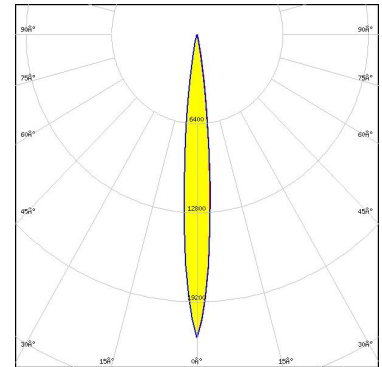
LED J Series 2835
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 93 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



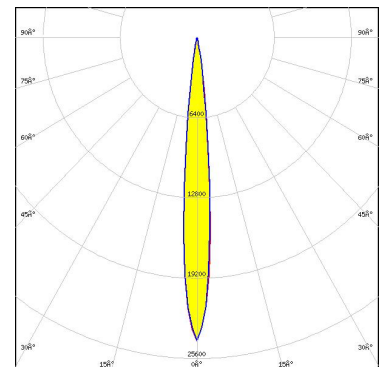
LED XP-E2
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 92 %
 Peak intensity 21.8 cd/lm
 LEDs/each optic 1
 Light colour/type Amber
 Required components:



Light distribution files



LED XP-G2
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 94 %
 Peak intensity 24.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

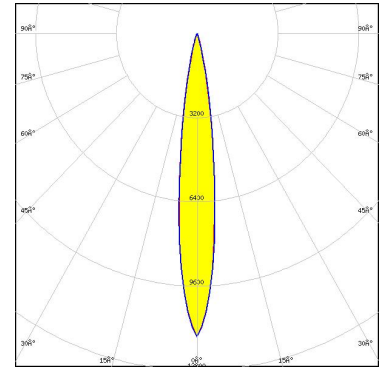


Light distribution files

OPTICAL RESULTS (SIMULATED):



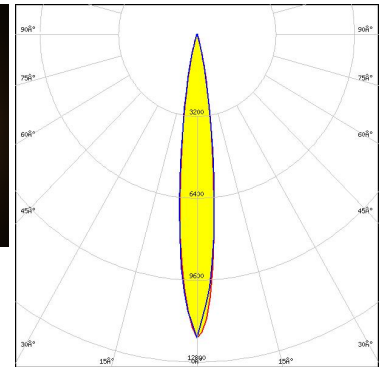
LED XP-G2 HE
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 91 %
 Peak intensity 11.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



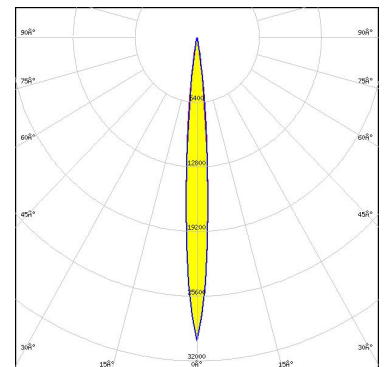
LED XP-G3
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 91 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-P
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 93 %
 Peak intensity 30 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

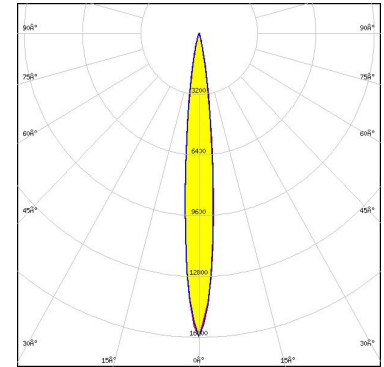


Light distribution files

OPTICAL RESULTS (SIMULATED):



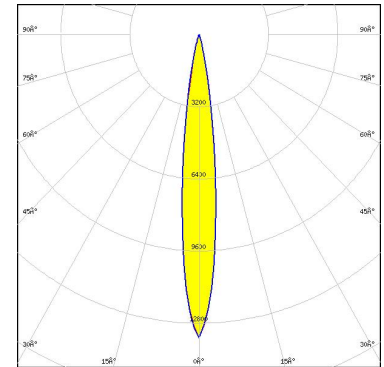
LED XT-E
FWHM / FWTM 11.0° / 23.0°
Efficiency 90 %
Peak intensity 16 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

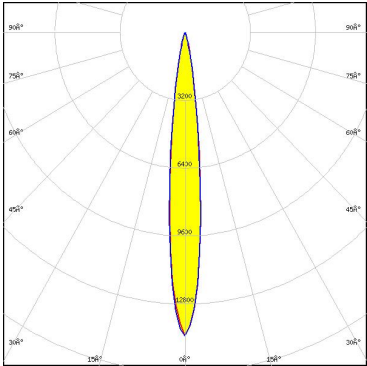


LED LUXEON IR Compact
FWHM / FWTM 8.0° / 17.0°
Efficiency 84 %
LEDs/each optic 1
Light colour/type White
Required components:

OPTICAL RESULTS (SIMULATED):

LUMILEDS

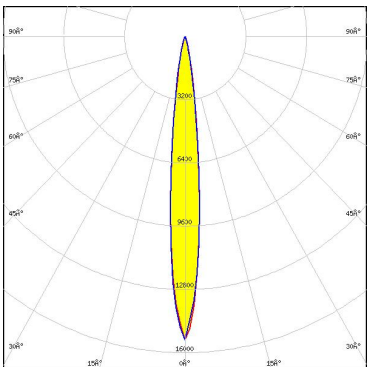
| | |
|----------------------|---------------|
| LED | LUXEON T |
| FWHM / FWTM | 12.0° / 24.0° |
| Efficiency | 93 % |
| Peak intensity | 14.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files

LUMILEDS

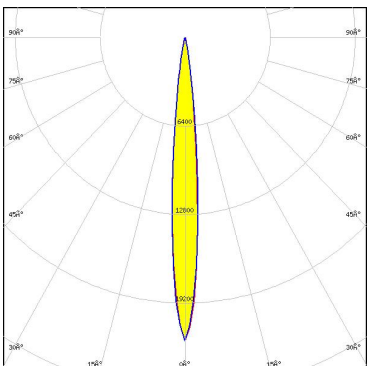
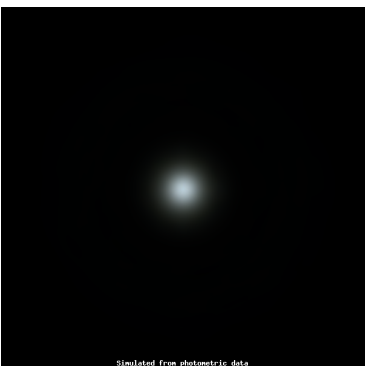
| | |
|----------------------|---------------|
| LED | LUXEON TX |
| FWHM / FWTM | 11.0° / 24.0° |
| Efficiency | 92 % |
| Peak intensity | 15.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files

LUMINUS

| | |
|----------------------|---------------|
| LED | SST-12 Gen1 |
| FWHM / FWTM | 10.0° / 20.0° |
| Efficiency | 92 % |
| Peak intensity | 21.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

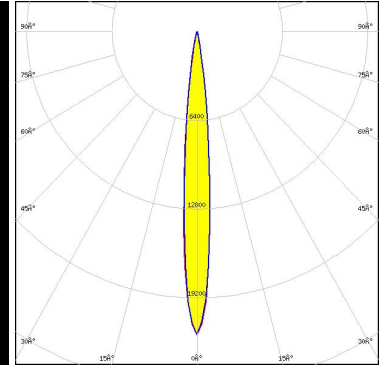
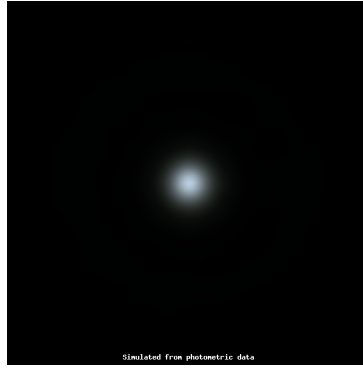



Light distribution files

OPTICAL RESULTS (SIMULATED):



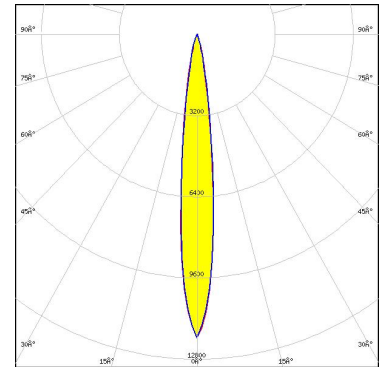
LED SST-12 Gen2
FWHM / FWTM 10.0° / 20.0°
Efficiency 93 %
Peak intensity 21.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



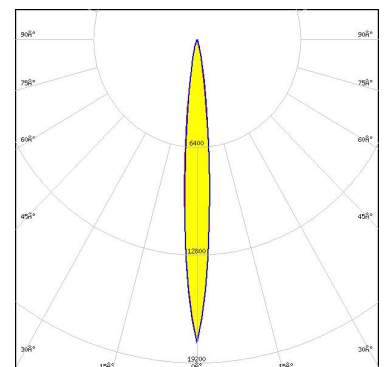
LED NVSxx19B/NVSxx19C
FWHM / FWTM 13.0° / 27.0°
Efficiency 89 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ P 3030
FWHM / FWTM 10.0° / 22.0°
Efficiency 92 %
Peak intensity 18 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:

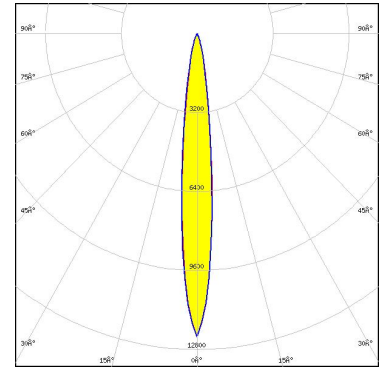


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

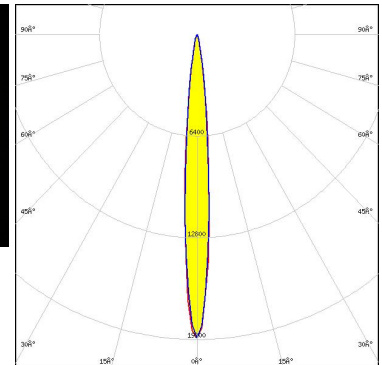
LED OSCONIQ P 3737 Flat
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 93 %
 Peak intensity 12.3 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

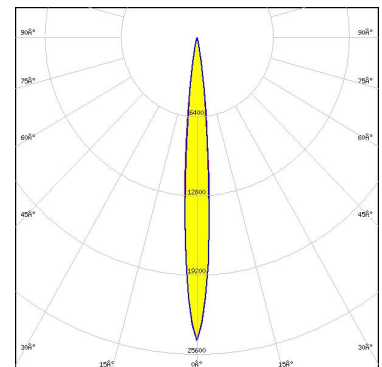
LED OSLO Square Flat
 FWHM / FWTM 9.4° / 20.0°
 Efficiency 91 %
 Peak intensity 19.1 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLO SSL 150
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 93 %
 Peak intensity 24.5 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:

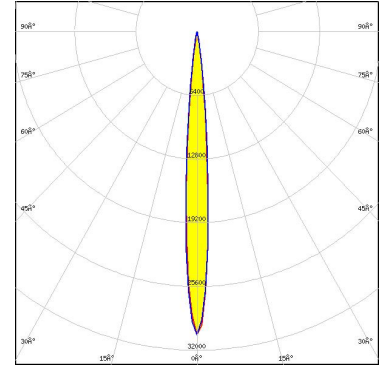


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

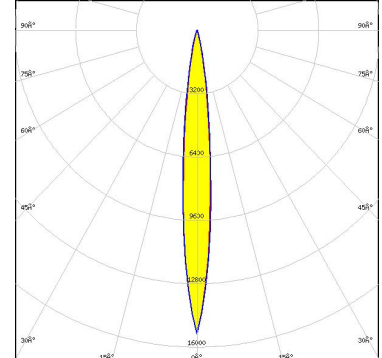
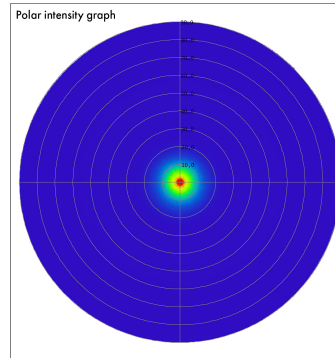
LED OSLOM SSL 80
 FWHM / FWTM 8.3° / 17.0°
 Efficiency 92 %
 Peak intensity 30.5 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4715AS
 FWHM / FWTM 11.0° / 24.0°
 Efficiency 92 %
 Peak intensity 15.8 cd/m
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files

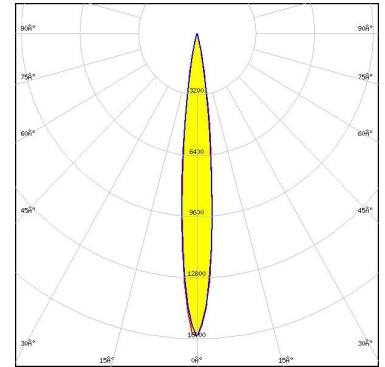
OSRAM
Opto Semiconductors

LED SFH 4770S
 FWHM / FWTM 9.0° / 26.0°
 Efficiency 85 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

OPTICAL RESULTS (SIMULATED):

SAMSUNG

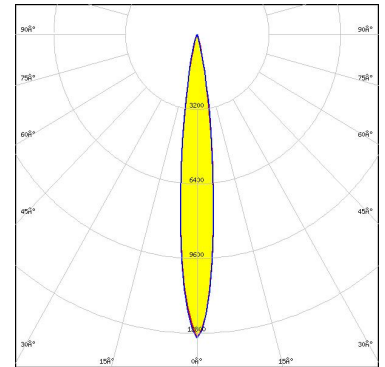
LED LH351A
FWHM / FWTM 11.0° / 23.0°
Efficiency 91 %
Peak intensity 15.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351B
FWHM / FWTM 12.0° / 26.0°
Efficiency 92 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



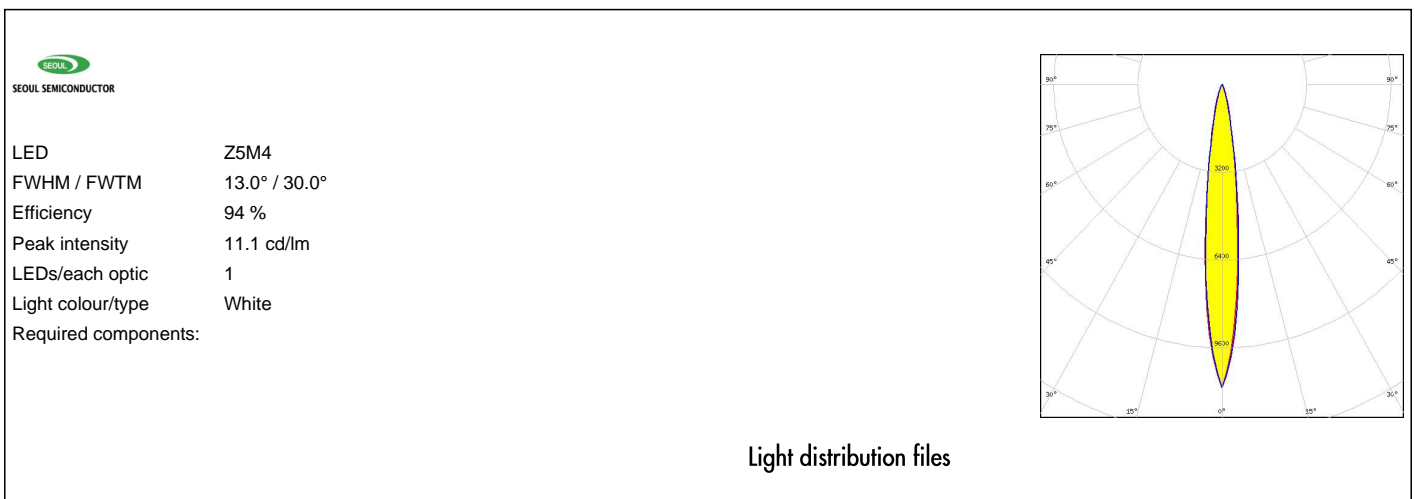
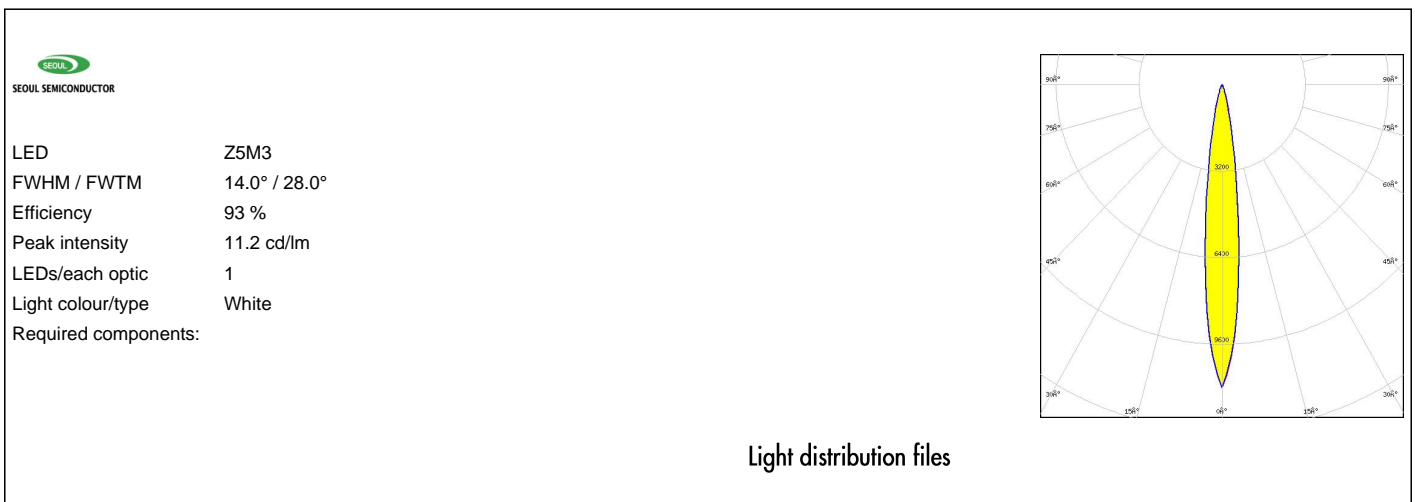
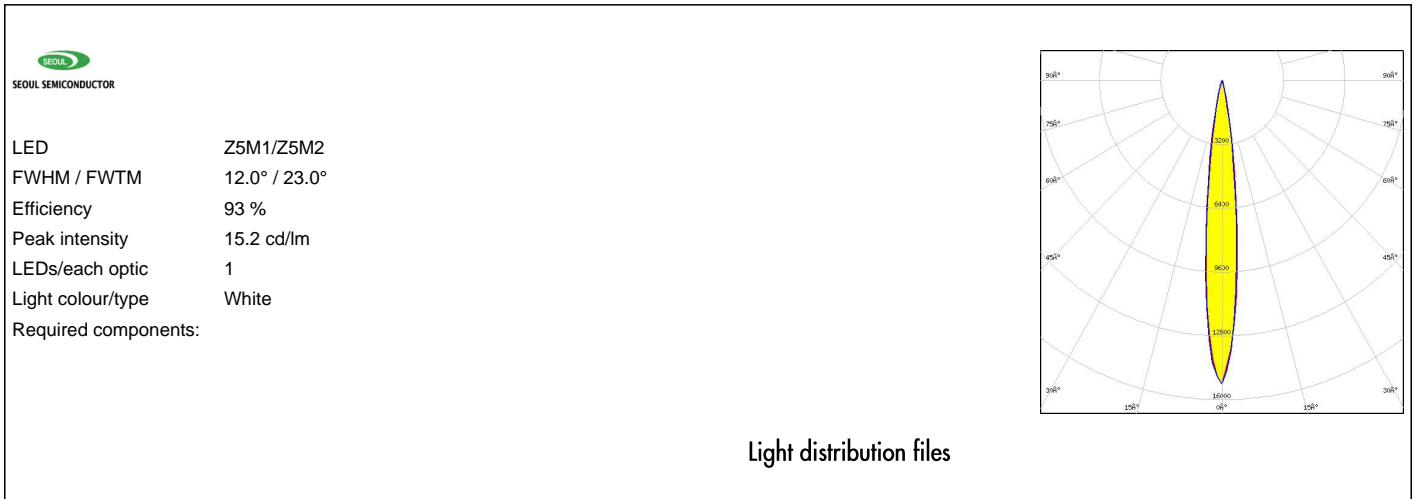
Light distribution files

SAMSUNG

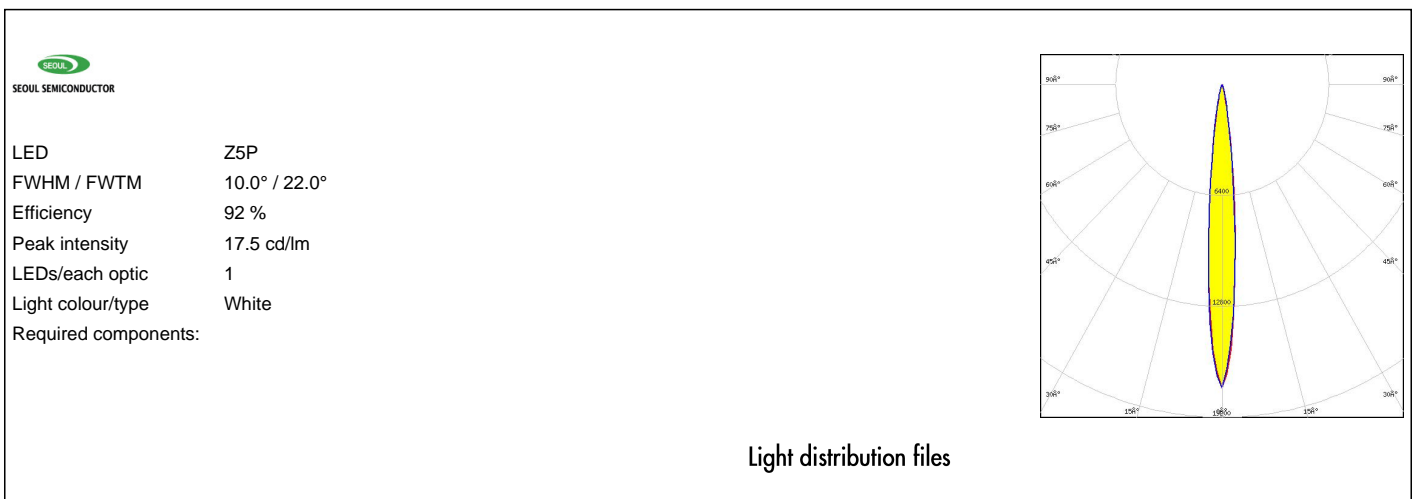
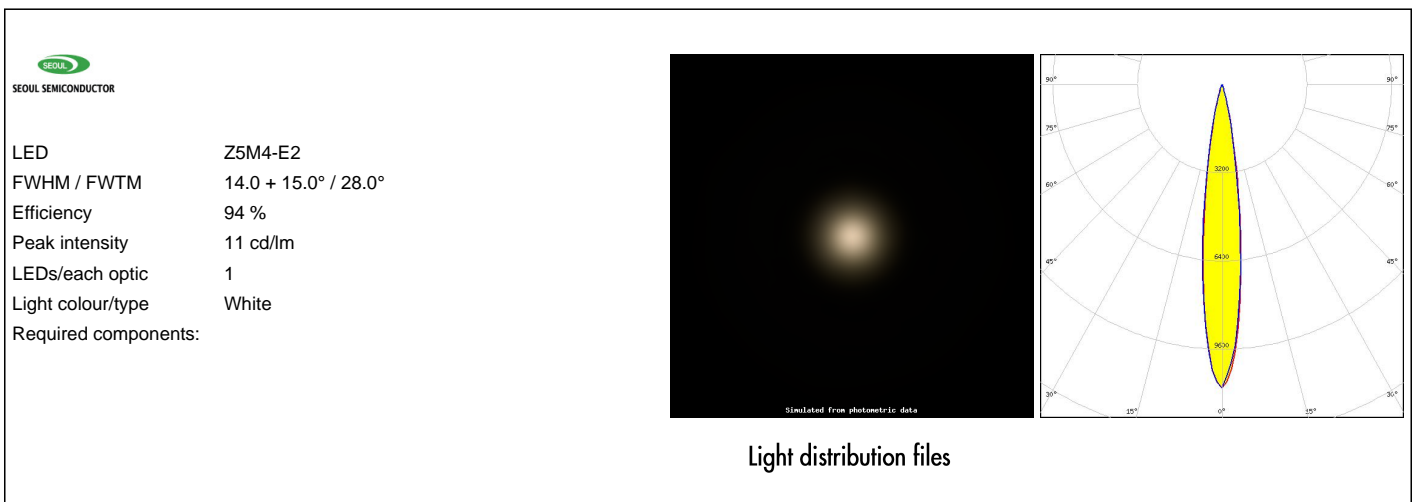
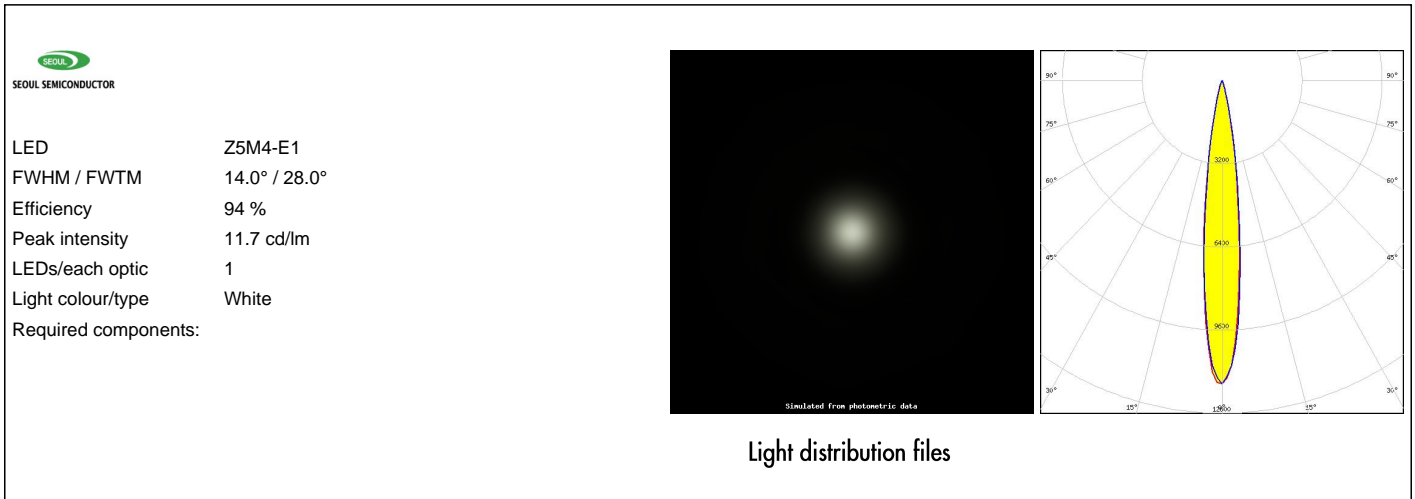
LED LH351C
FWHM / FWTM 18.0° / 32.0°
Efficiency 93 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



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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LEDiL Oy

Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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