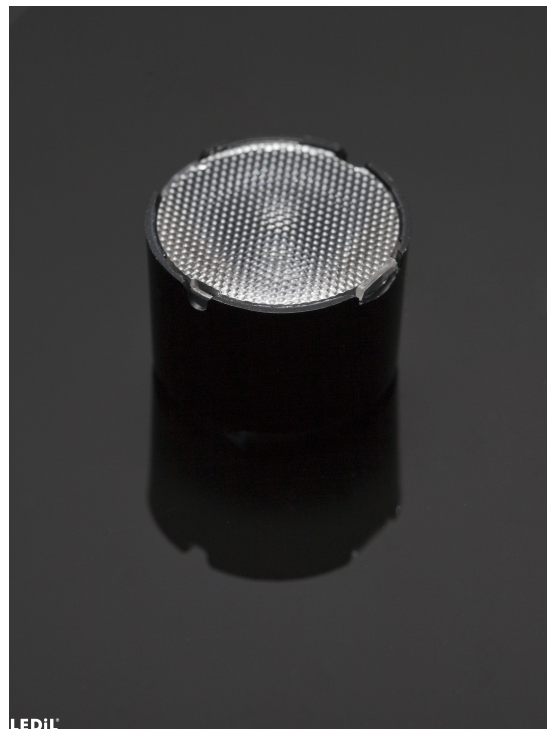


## G2-LXP2-M-P

~20° medium 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 ⓘ     |

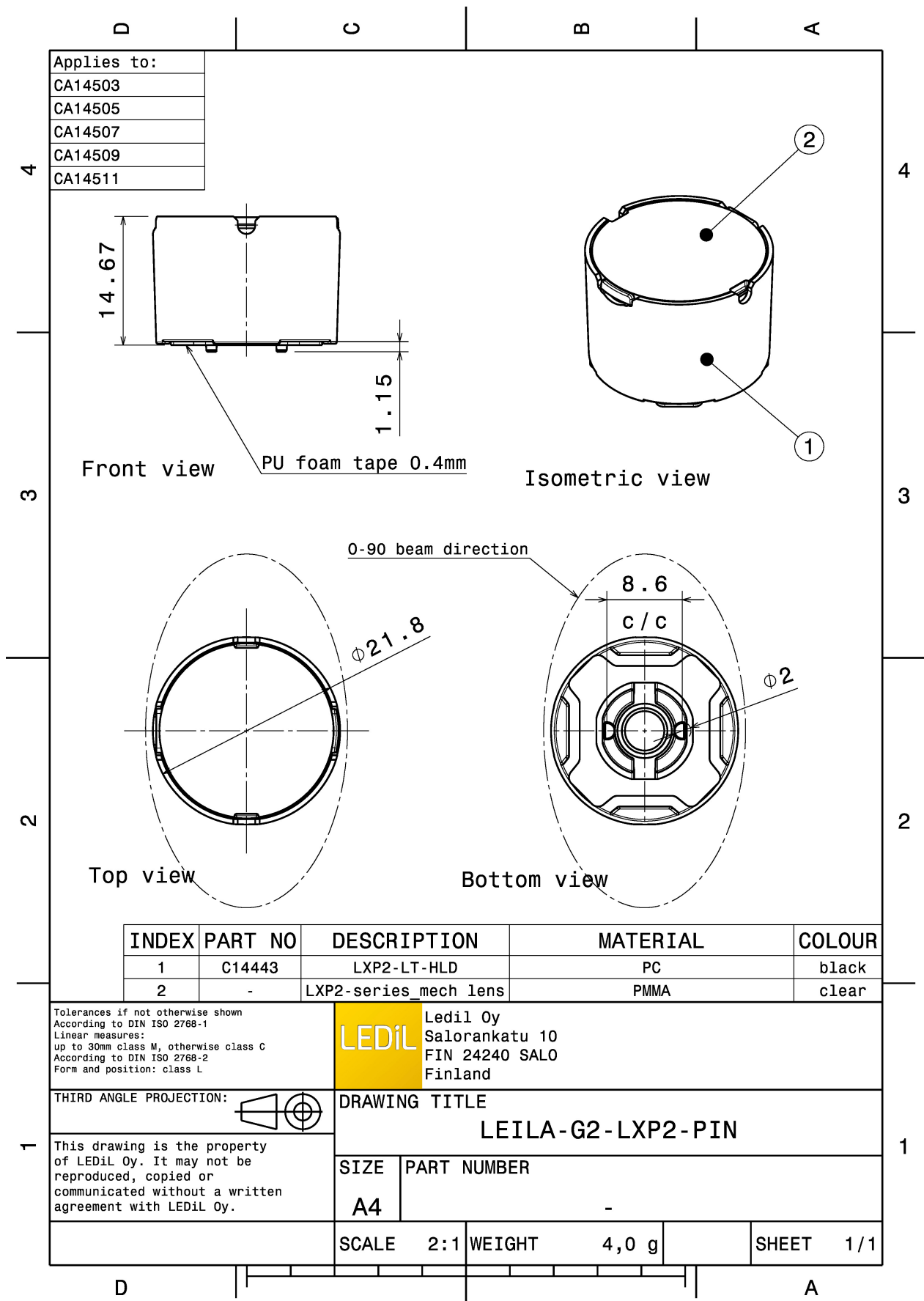


## MATERIALS:

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

## ORDERING INFORMATION:

| Component                          | Qty in box | MOQ | MPQ | Box weight (kg) |
|------------------------------------|------------|-----|-----|-----------------|
| CA14509_G2-LXP2-M-P<br>» Box size: | 1680       | 336 | 112 | 8.1             |

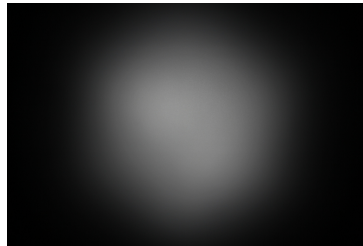


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



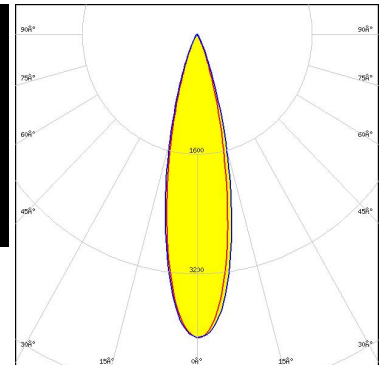
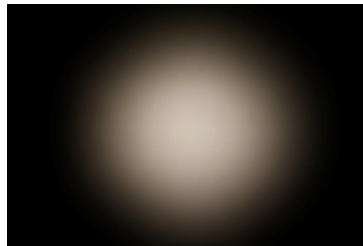
LED XP-E  
 FWHM / FWTM 22.0° / 40.0°  
 Efficiency 88 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



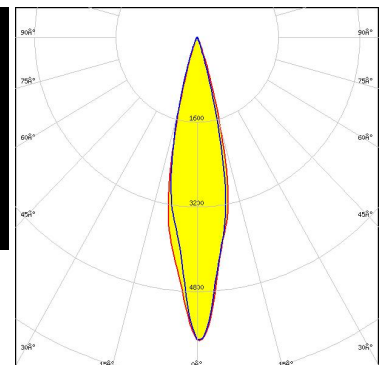
LED XP-L HD  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 86 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XQ-E HD  
 FWHM / FWTM 22.0° / 37.0°  
 Efficiency 86 %  
 Peak intensity 5.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

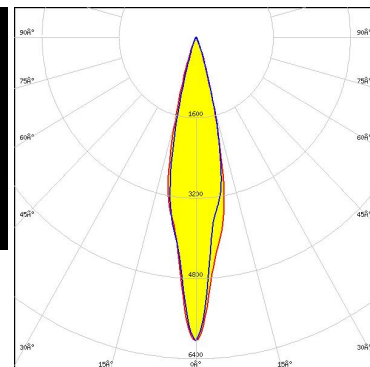
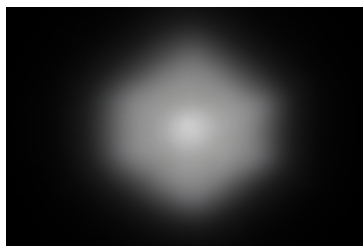


Light distribution files

#### OPTICAL RESULTS (MEASURED):



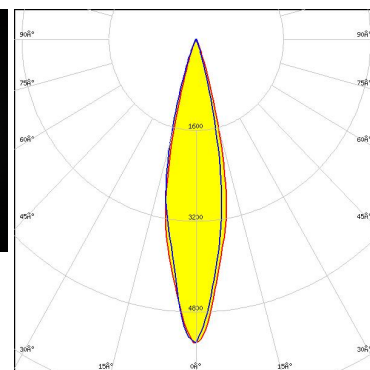
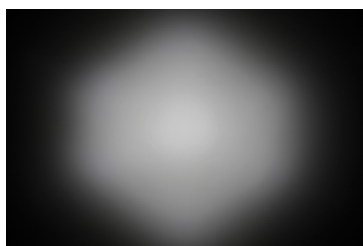
LED XQ-E HI  
 FWHM / FWTM 21.0° / 37.0°  
 Efficiency 85 %  
 Peak intensity 6.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



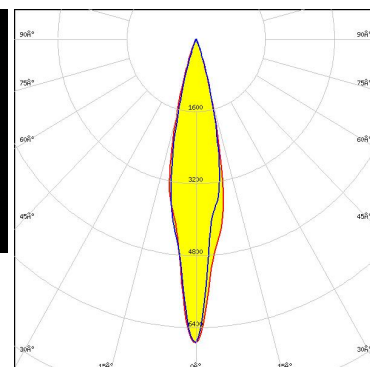
LED LUXEON C  
 FWHM / FWTM 23.0° / 38.0°  
 Efficiency 82 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON CZ  
 FWHM / FWTM 20.0° / 37.0°  
 Efficiency 89 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



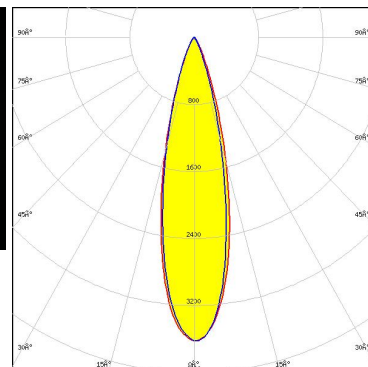
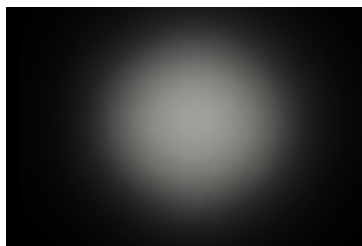
Light distribution files



#### OPTICAL RESULTS (MEASURED):



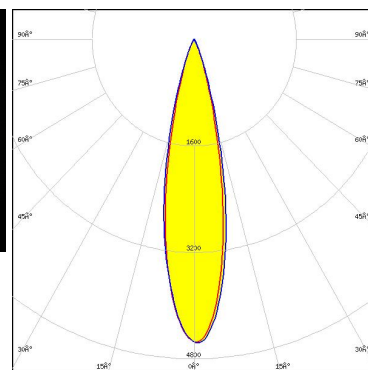
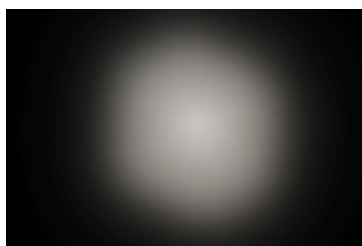
LED LUXEON V  
FWHM / FWTM 26.0° / 48.0°  
Efficiency 86 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



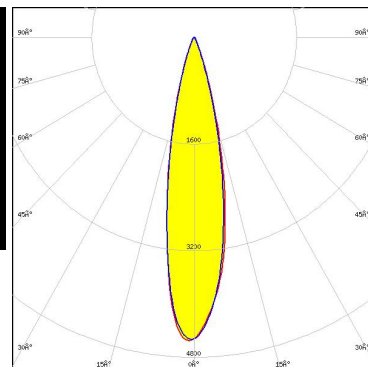
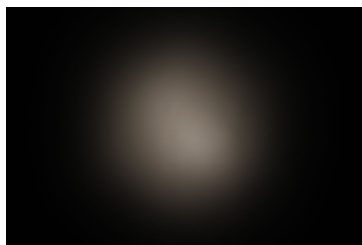
LED LUXEON V2  
FWHM / FWTM 23.0° / 41.0°  
Efficiency 89 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NCSxx19A  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 86 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

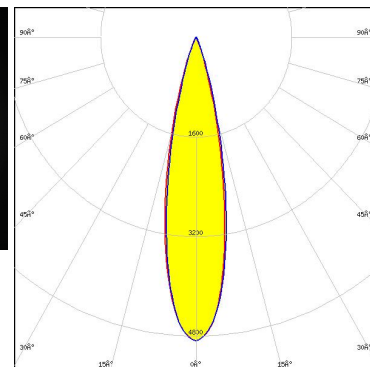
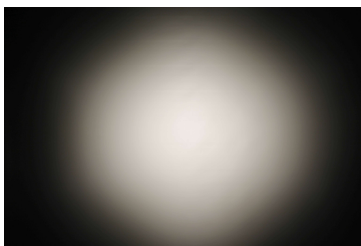


Light distribution files

#### OPTICAL RESULTS (MEASURED):



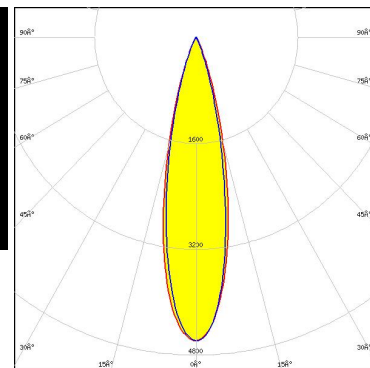
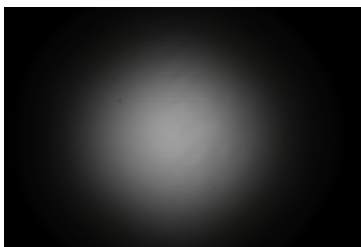
LED NVSW219F  
 FWHM / FWTM 23.0° / 40.0°  
 Efficiency 90 %  
 Peak intensity 4.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



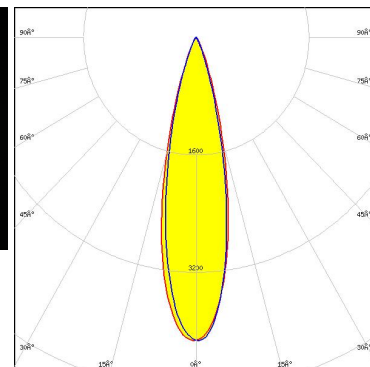
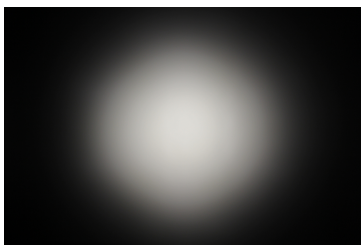
LED NVSW319B  
 FWHM / FWTM 24.0° / 43.0°  
 Efficiency 90 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSW3x9A  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 86 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

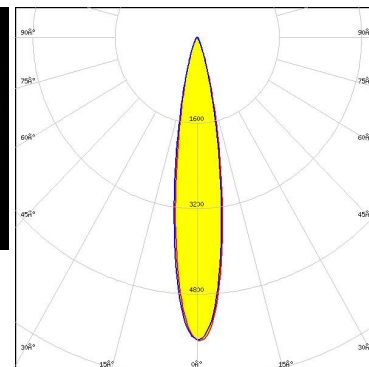
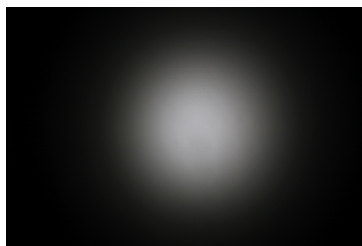


Light distribution files

#### OPTICAL RESULTS (MEASURED):



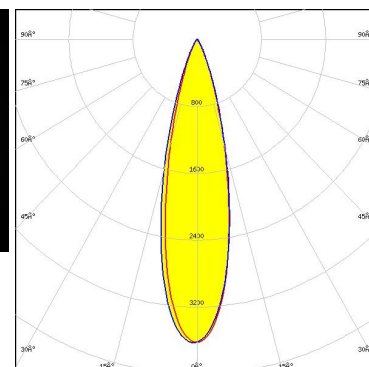
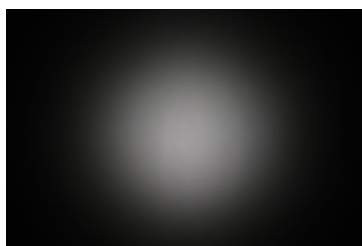
LED NVSW519A  
 FWHM / FWTM 18.0° / 37.0°  
 Efficiency 86 %  
 Peak intensity 5.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



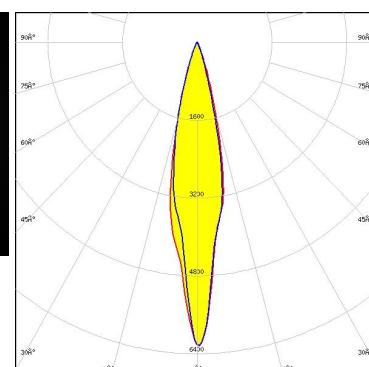
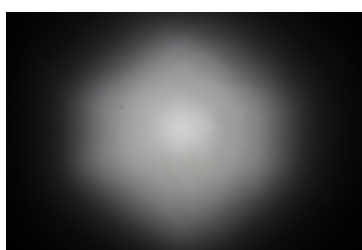
LED NWSx229A  
 FWHM / FWTM 25.0° / 47.0°  
 Efficiency 86 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLOM Black Flat (LUW HWQP)  
 FWHM / FWTM 20.0° / 38.0°  
 Efficiency 87 %  
 Peak intensity 6.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

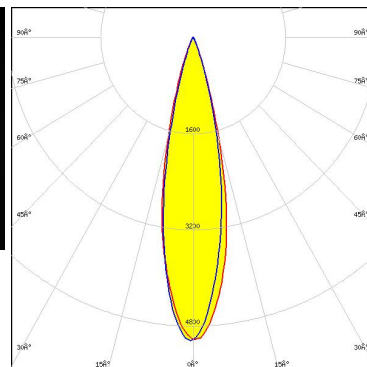
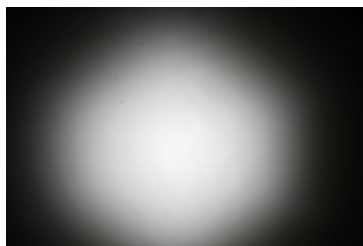


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

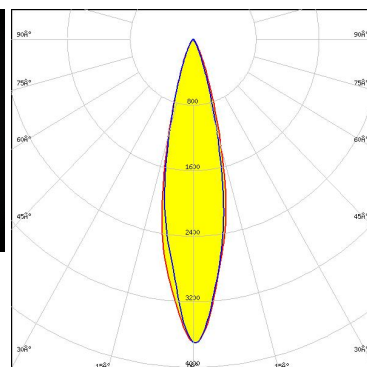
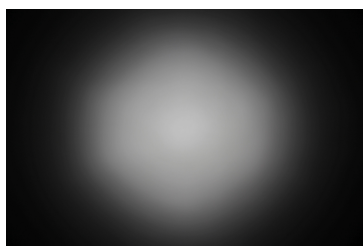
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 24.0° / 41.0°  
Efficiency 90 %  
Peak intensity 5.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

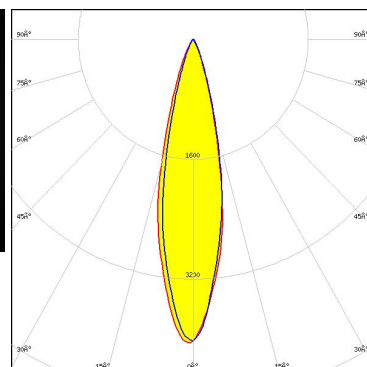
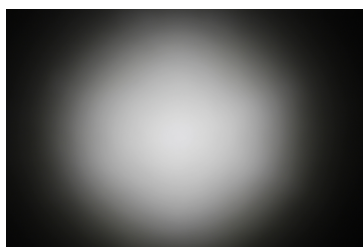
LED LH181A  
FWHM / FWTM 24.0° / 45.0°  
Efficiency 80 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

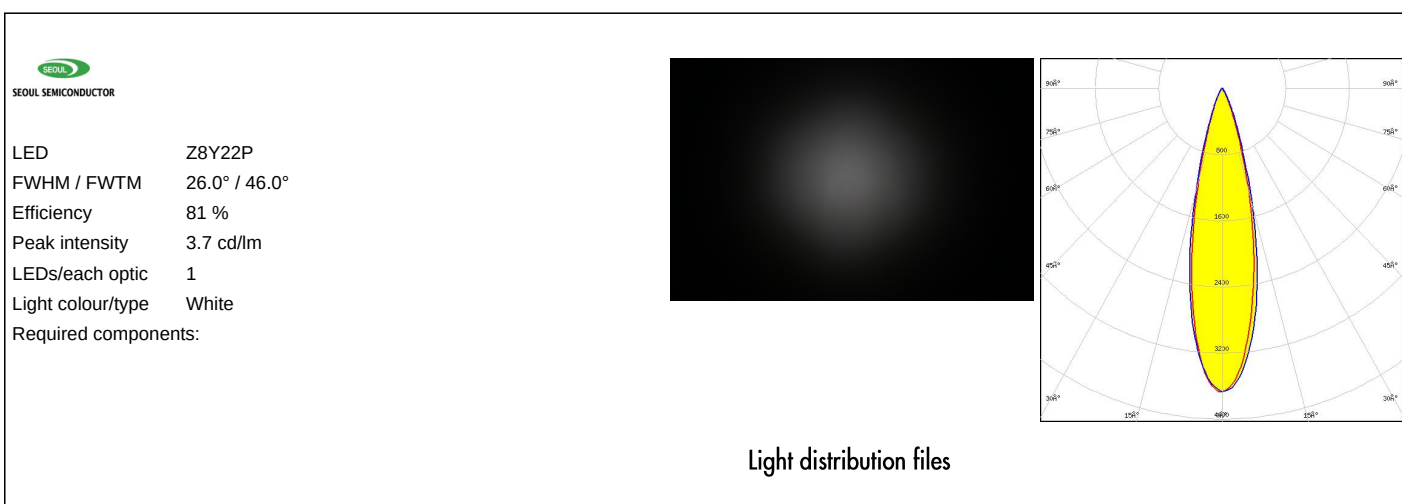
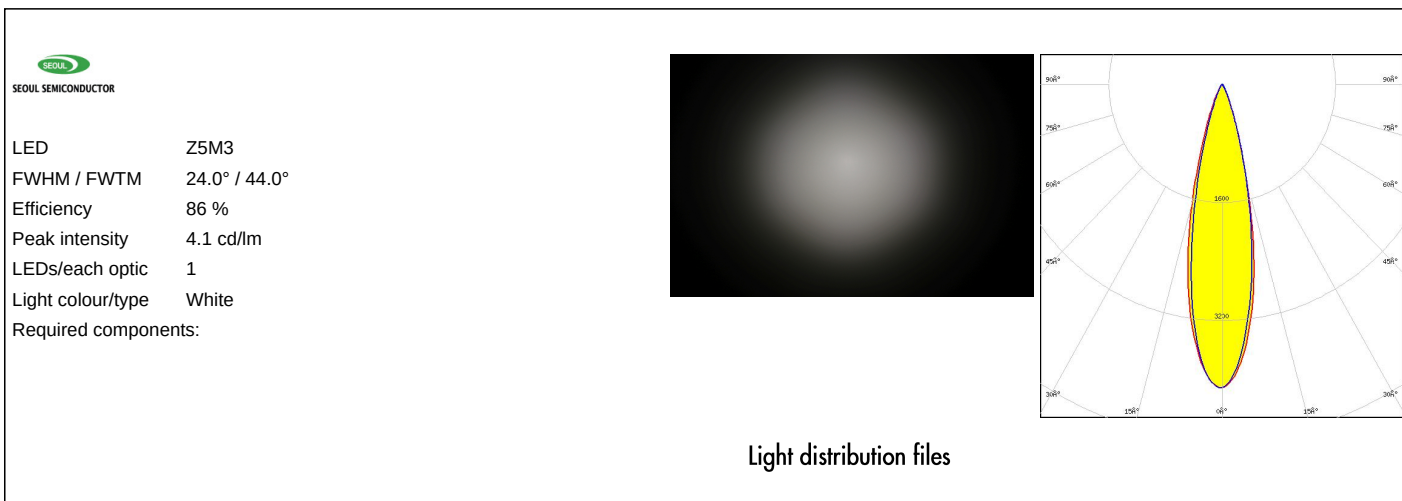
**SAMSUNG**

LED LH181B  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 85 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

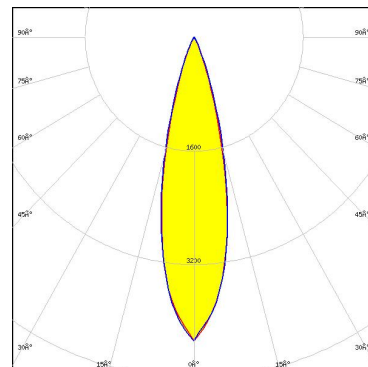
### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (SIMULATED):



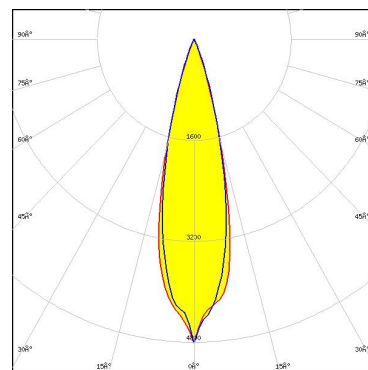
LED J Series 2835  
 FWHM / FWTM 26.0° / 45.0°  
 Efficiency 92 %  
 Peak intensity 4.3 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



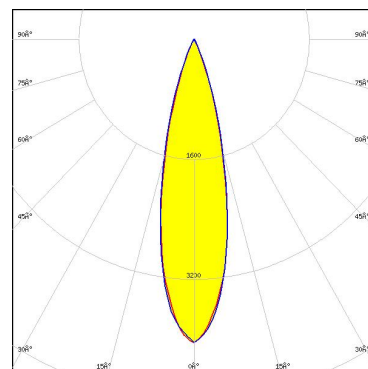
LED XP-G2  
 FWHM / FWTM 25.0° / 41.0°  
 Efficiency 93 %  
 Peak intensity 4.8 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G2 HE  
 FWHM / FWTM 26.0° / 45.0°  
 Efficiency 90 %  
 Peak intensity 4 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

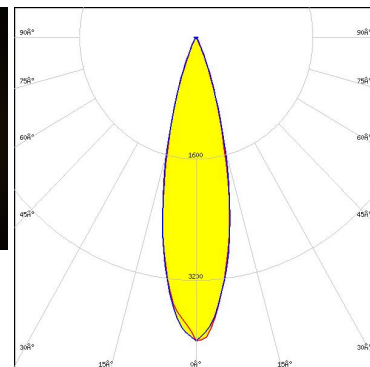
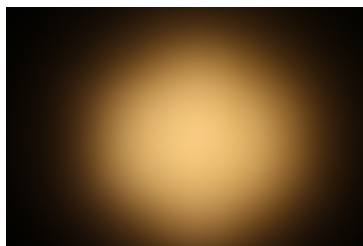


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



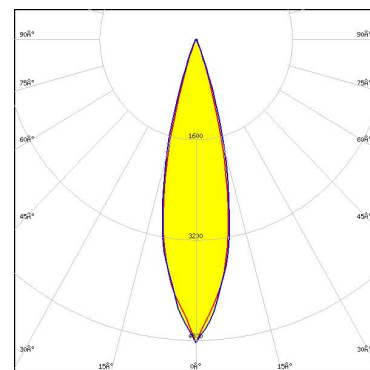
LED XP-G3  
FWHM / FWTM 26.0° / 45.0°  
Efficiency 89 %  
Peak intensity 4 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



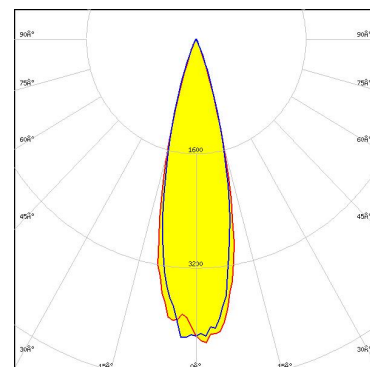
LED XQ-E HD  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 94 %  
Peak intensity 4.8 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XT-E  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 89 %  
Peak intensity 4.3 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



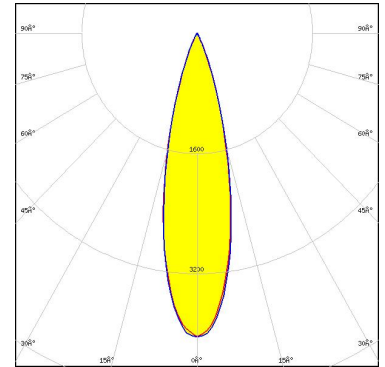
Light distribution files



#### OPTICAL RESULTS (SIMULATED):



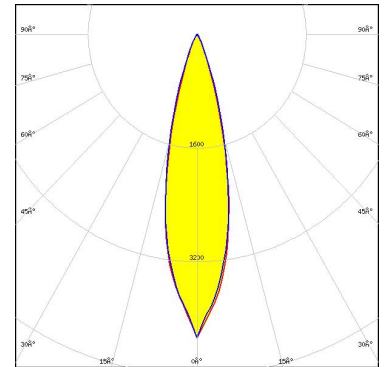
LED LUXEON HL2X  
 FWHM / FWTM 26.0° / 46.0°  
 Efficiency 91 %  
 Peak intensity 4.1 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



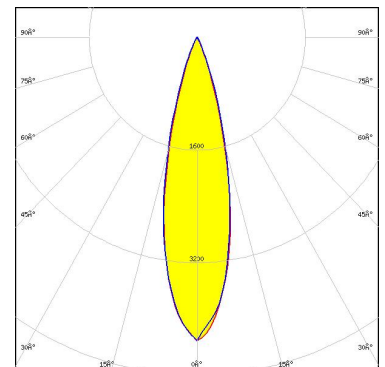
LED LUXEON HL2Z  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 89 %  
 Peak intensity 4.3 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON HL4Z  
 FWHM / FWTM 26.0° / 45.0°  
 Efficiency 92 %  
 Peak intensity 4.3 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

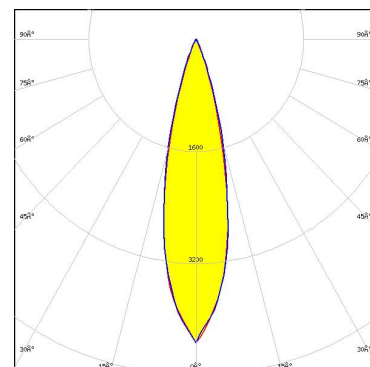
#### OPTICAL RESULTS (SIMULATED):



LED LUXEON IR Compact  
 FWHM / FWTM 26.0° / 40.0°  
 Efficiency 84 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



LED LUXEON IR Domed 60 (L1I0-0xxx0600000000)  
 FWHM / FWTM 24.0° / 43.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour/type IR  
 Required components:



Light distribution files



LED LUXEON IR Domed 60 (L1I0-0xxx0600000000)  
 FWHM / FWTM 24.0° / 42.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

#### OPTICAL RESULTS (SIMULATED):



LED LUXEON IR Domed 90 (L110-0xxx090000000)

FWHM / FWTM 26.0° / 44.0°

Efficiency 90 %

LEDs/each optic 1

Light colour/type White

Required components:



LED LUXEON T

FWHM / FWTM 26.0° / 43.0°

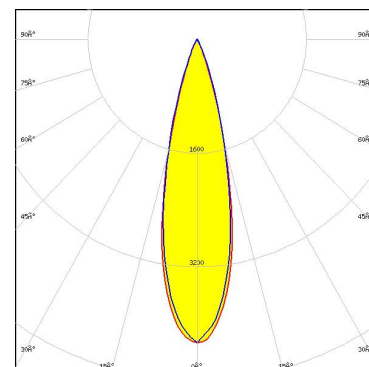
Efficiency 92 %

Peak intensity 4.3 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files



LED LUXEON TX

FWHM / FWTM 26.0° / 43.0°

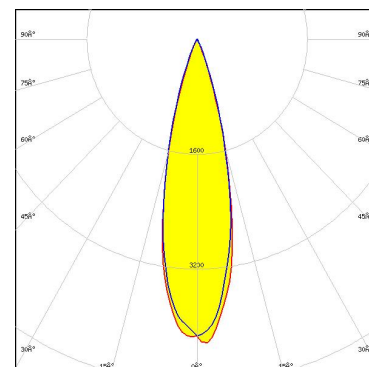
Efficiency 91 %

Peak intensity 4.2 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

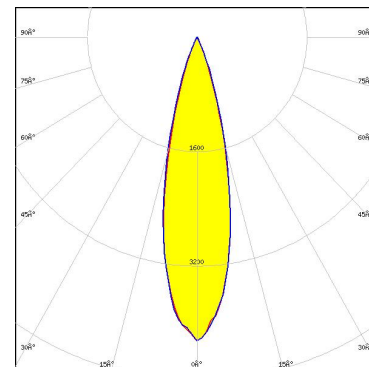


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



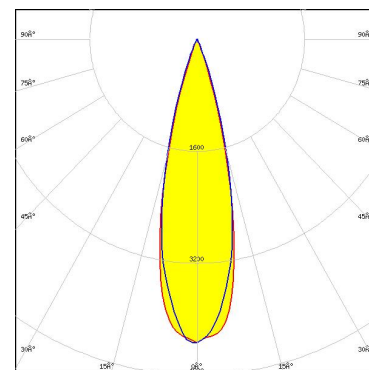
LED LUXEON V2  
 FWHM / FWTM 26.0° / 43.0°  
 Efficiency 91 %  
 Peak intensity 4.3 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



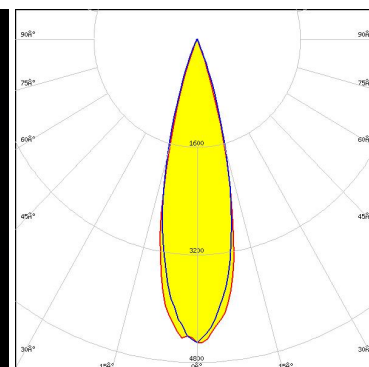
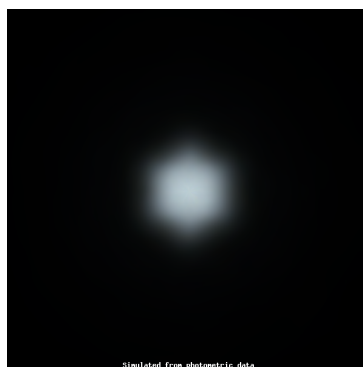
LED SST-12 Gen1  
 FWHM / FWTM 26.0° / 40.0 + 42.0°  
 Efficiency 92 %  
 Peak intensity 4.4 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED SST-12 Gen2  
 FWHM / FWTM 26.0° / 40.0 + 42.0°  
 Efficiency 92 %  
 Peak intensity 4.5 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

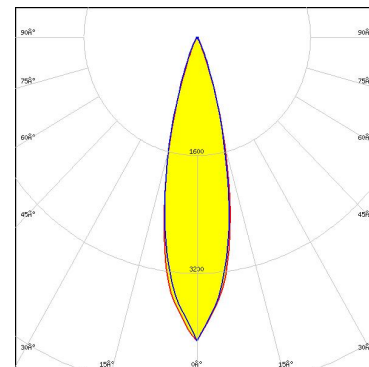


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



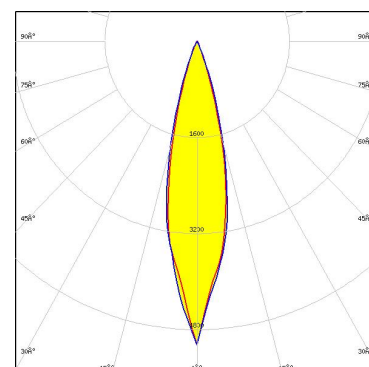
LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 25.0° / 44.0°  
 Efficiency 88 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



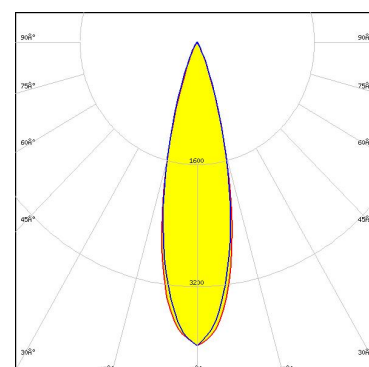
LED OSCONIQ P 3030  
 FWHM / FWTM 23.0° / 42.0°  
 Efficiency 91 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type Blue  
 Required components:



Light distribution files



LED OSCONIQ P 3737 Flat  
 FWHM / FWTM 26.0° / 46.0°  
 Efficiency 92 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

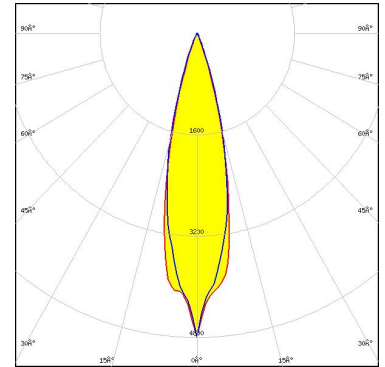


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

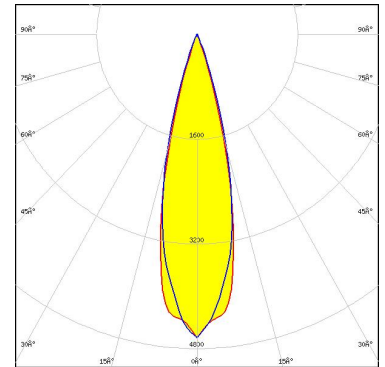
LED OSLON Black Flat (LUW HWQP)  
FWHM / FWTM 24.0° / 41.0°  
Efficiency 91 %  
Peak intensity 4.8 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

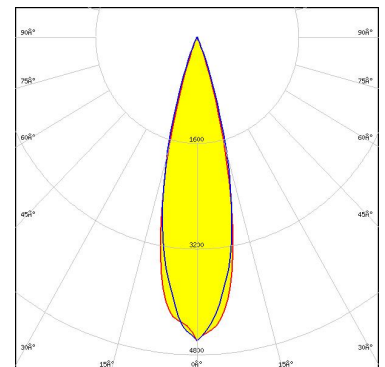
LED OSLON Pure 1414  
FWHM / FWTM 26.0° / 39.0 + 42.0°  
Efficiency 93 %  
Peak intensity 4.6 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 93 %  
Peak intensity 4.6 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

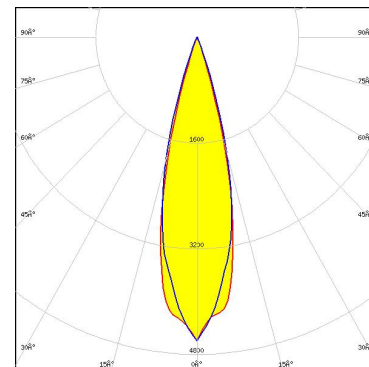


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 27.0° / 40.0°  
Efficiency 91 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



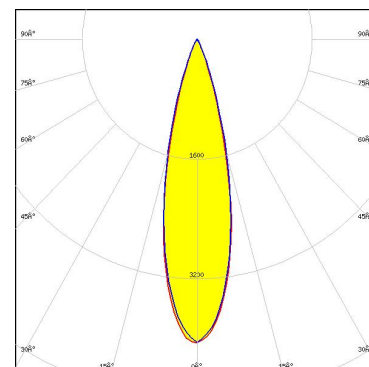
Light distribution files

**OSRAM**  
Opto Semiconductors

LED SFH 4770S  
FWHM / FWTM 25.0° / 48.0°  
Efficiency 84 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

**SAMSUNG**

LED LH181B  
FWHM / FWTM 26.0° / 45.0°  
Efficiency 90 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



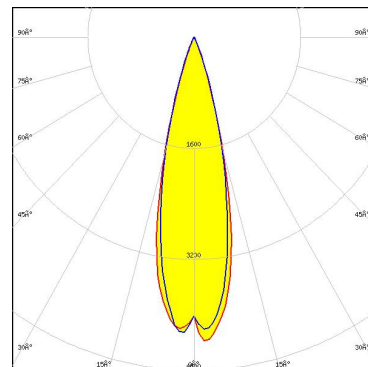
Light distribution files



#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

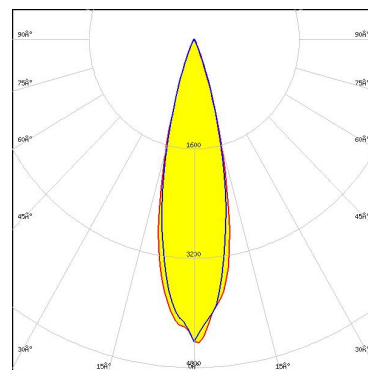
LED LH351A  
 FWHM / FWTM 25.0° / 41.0°  
 Efficiency 91 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

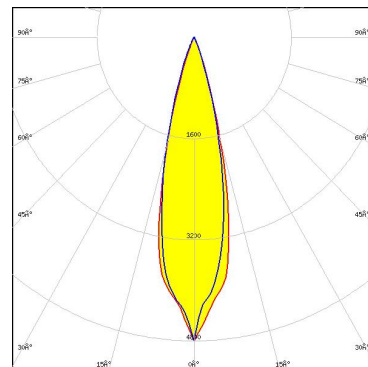
LED LH351B  
 FWHM / FWTM 25.0° / 41.0°  
 Efficiency 91 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED Z5M1/Z5M2  
 FWHM / FWTM 24.0° / 40.0°  
 Efficiency 92 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

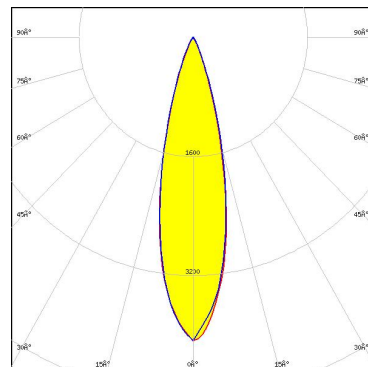


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



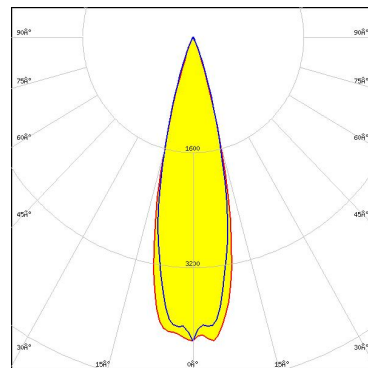
LED Z5M4  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 93 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



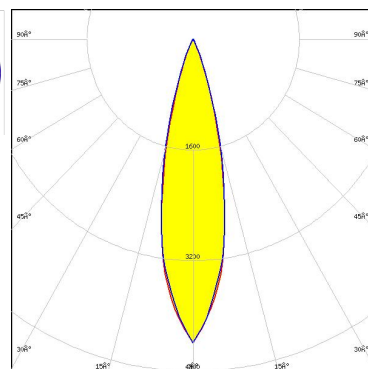
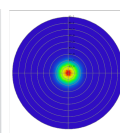
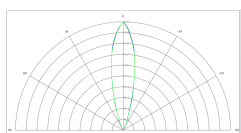
LED Z5P  
FWHM / FWTM 26.0° / 41.0°  
Efficiency 91 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED FWR1107MS  
FWHM / FWTM 24.0° / 44.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:

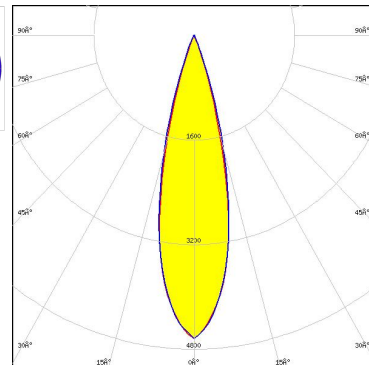
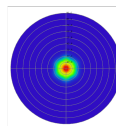
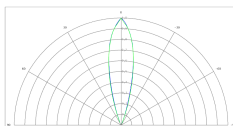


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



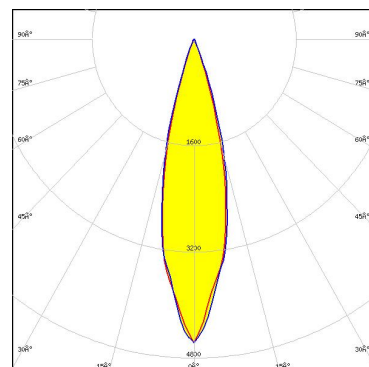
LED FWR1108MS  
FWHM / FWTM 25.0° / 41.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files



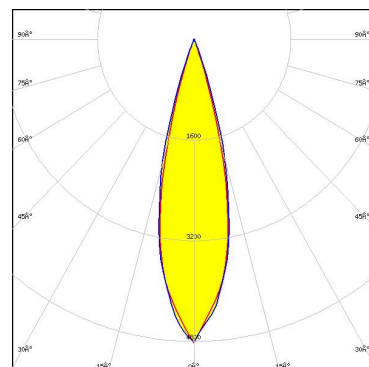
LED MFN1107MS  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 88 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files



LED MFN1108MS  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 91 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour/type IR  
Required components:

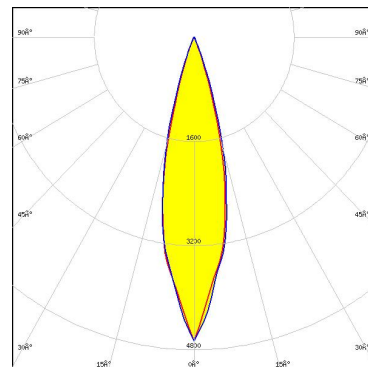


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



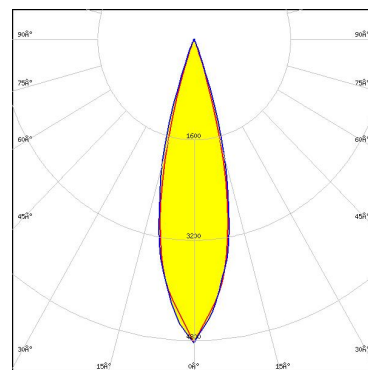
LED MGN1107MS  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 88 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files



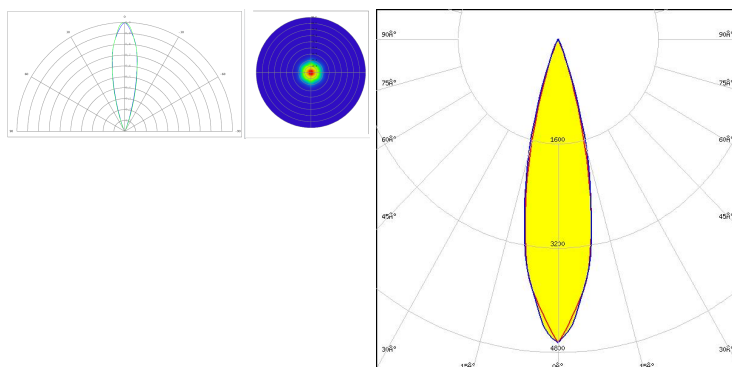
LED MGN1108MS  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 91 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files



LED MJN1107MS  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:

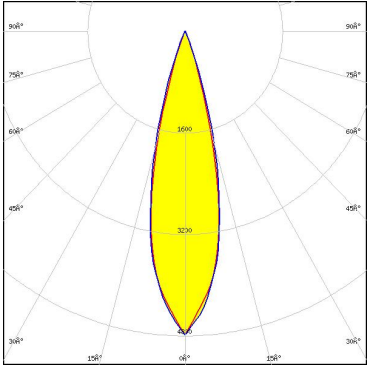
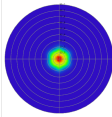
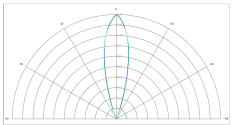


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED MJN1108MS  
FWHM / FWTM 26.0° / 41.0°  
Efficiency 93 %  
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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