

SPORT-2X2-S6

Slightly asymmetric ~60° spot beam with minimum spill light

SPECIFICATION:

| | |
|----------------|-------------|
| Dimensions | 50.0 x 50.0 |
| Height | 15.5 mm |
| Fastening | screw |
| ROHS compliant | yes ⓘ |



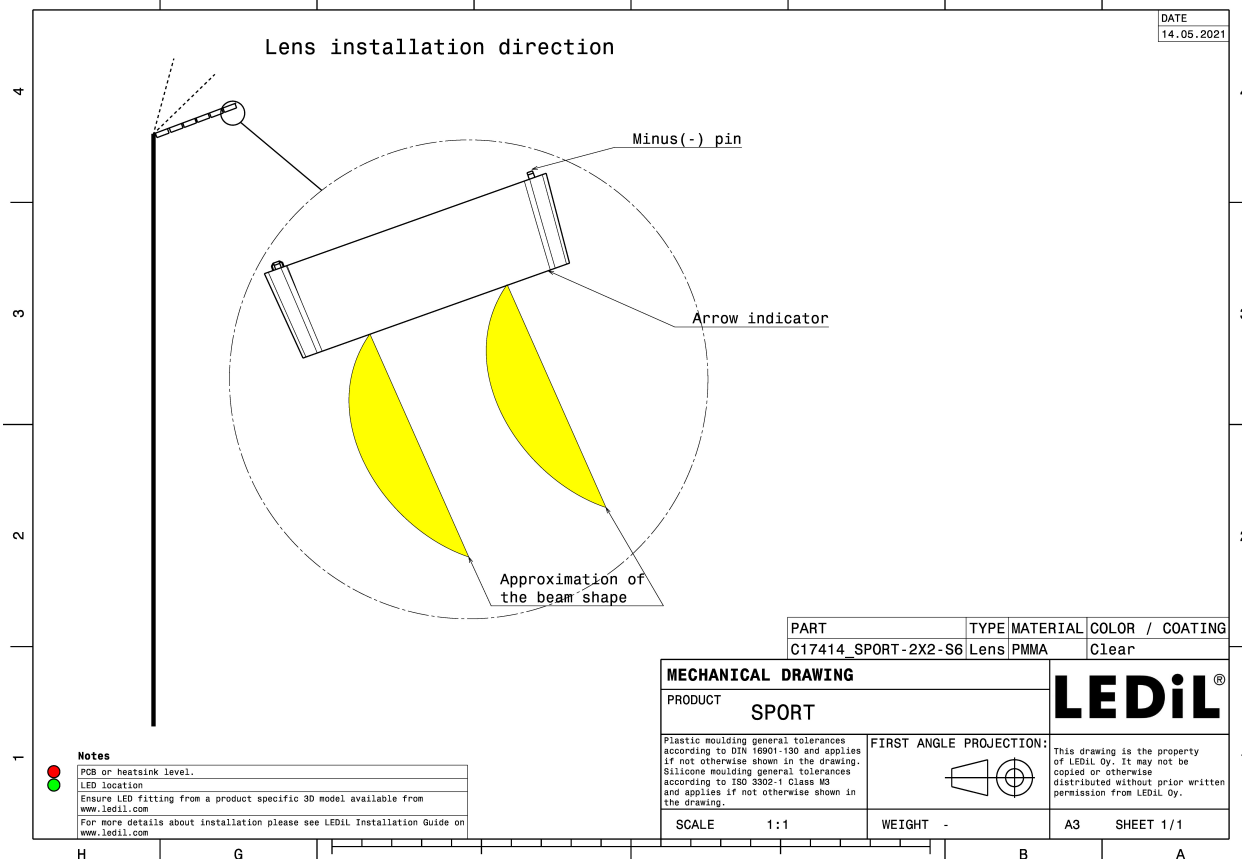
LEDiL

MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|--------------|------------|----------|--------|--------|-------------|
| SPORT-2X2-S6 | Multi-lens | PMMA | clear | | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| C17414_SPORT-2X2-S6 » Box size: 480 x 280 x 300 mm | 476 | 140 | 28 | 11.4 |

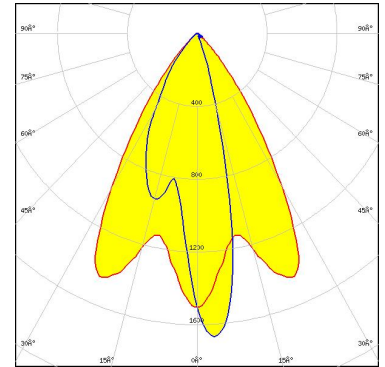


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OPTICAL RESULTS (MEASURED):



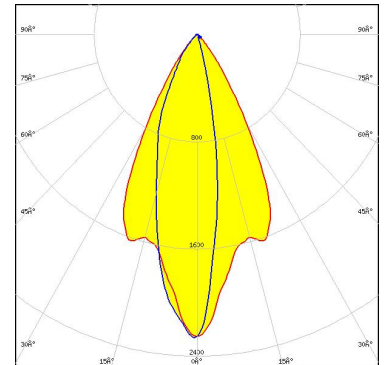
LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



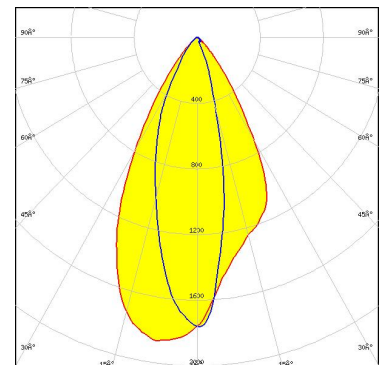
LED OSCONIQ C 3030
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED PassivePAQ-R-274x51-NI0-21K-857-5
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

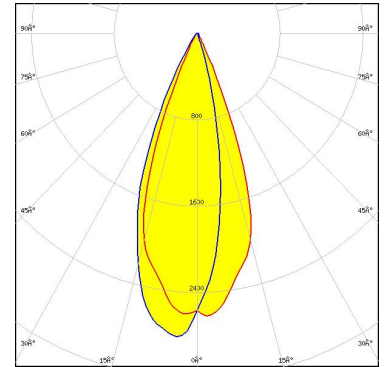


Light distribution files

OPTICAL RESULTS (SIMULATED):



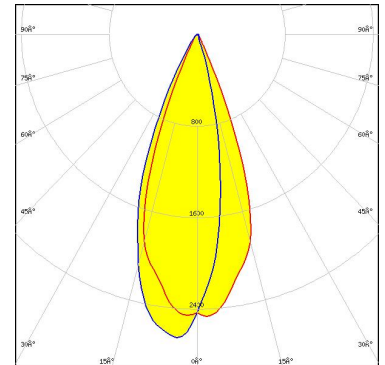
LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 2.8 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 2.7 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

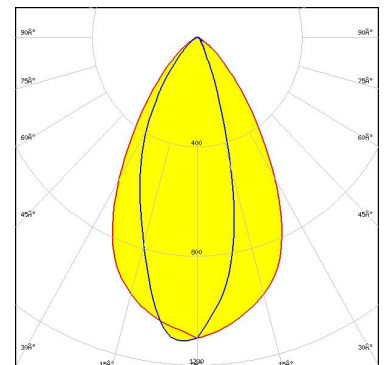


Light distribution files

Protective plate, glass



LED XHP35.2 HD
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1.1 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



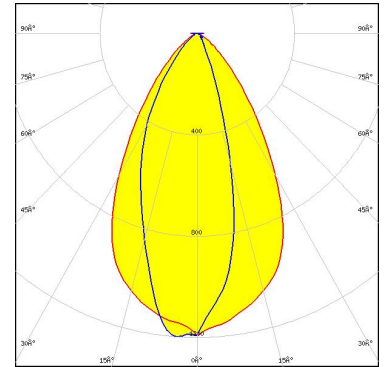
Light distribution files

Protective plate, glass

OPTICAL RESULTS (SIMULATED):



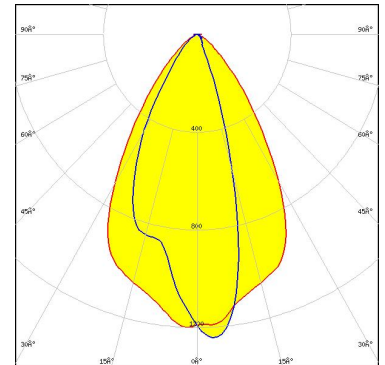
LED XHP35.2 HD
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.2 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



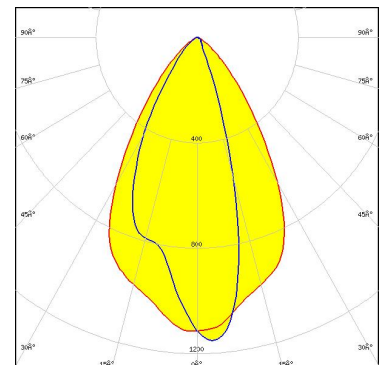
LED XM-L3
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.3 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XM-L3
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 1.2 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



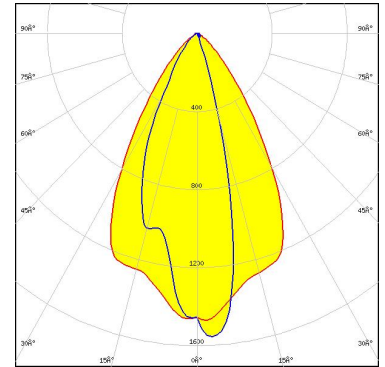
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



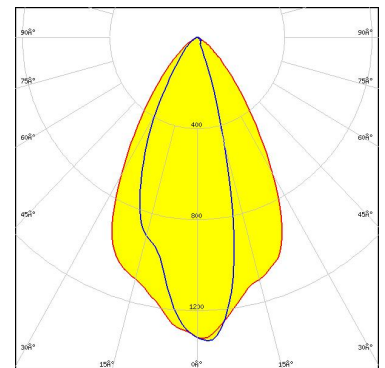
LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

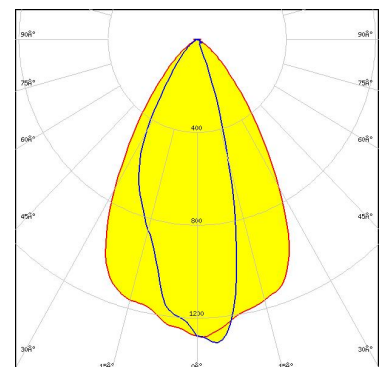


Light distribution files

Protective plate, glass



LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

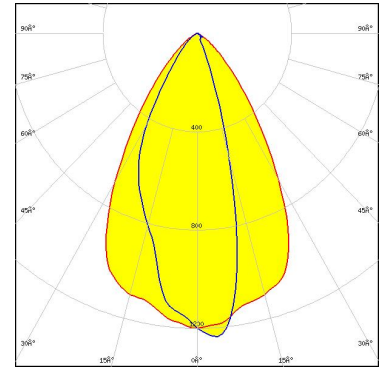
OPTICAL RESULTS (SIMULATED):



LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.3 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

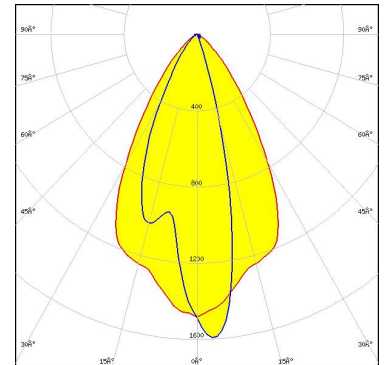
Protective plate, glass

Light distribution files



LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.6 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

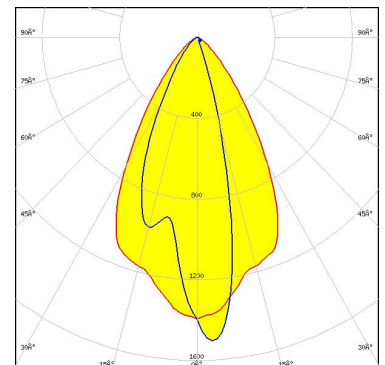
Light distribution files



LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

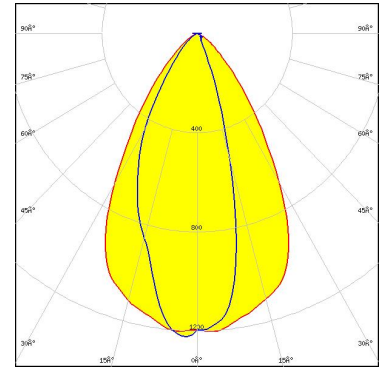
Light distribution files



OPTICAL RESULTS (SIMULATED):



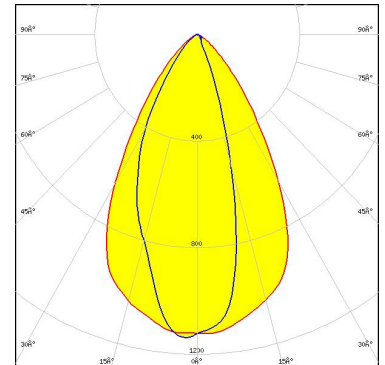
LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

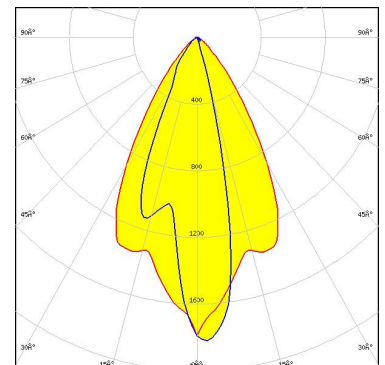


Light distribution files

Protective plate, glass



LED XP-P
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

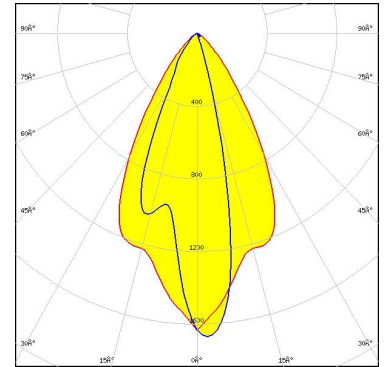
OPTICAL RESULTS (SIMULATED):



LED XP-P
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

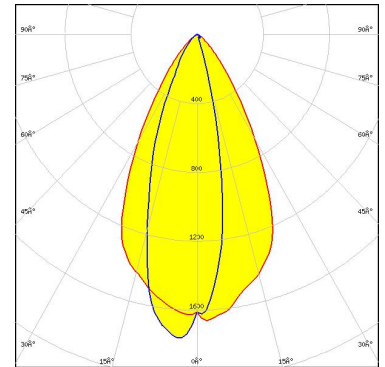
Light distribution files



LED LUXEON 3030 2D (Round LES)
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

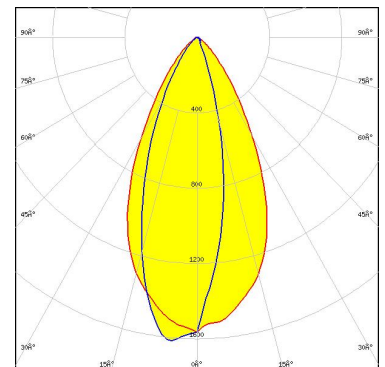
Protective plate, glass

Light distribution files



LED LUXEON 5050 HE
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



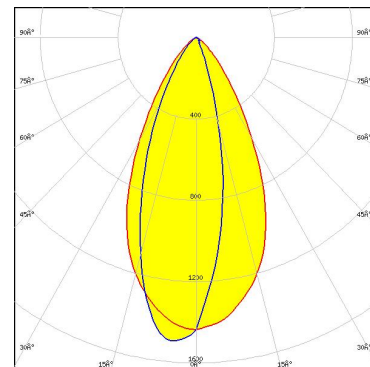
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

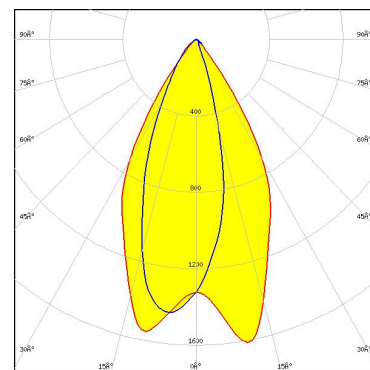
Light distribution files



LED LUXEON 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

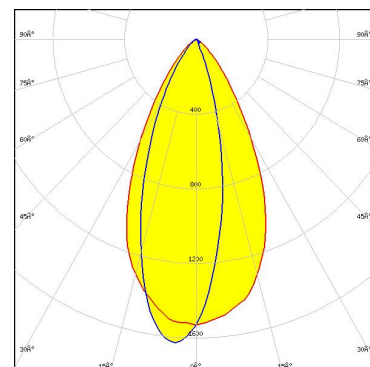
Protective plate, glass

Light distribution files



LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



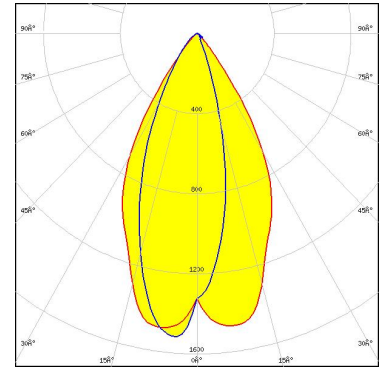
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

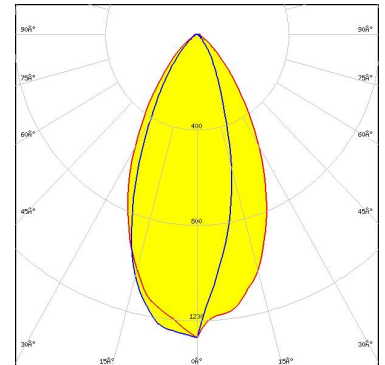
Protective plate, glass

Light distribution files



LED LUXEON 7070
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

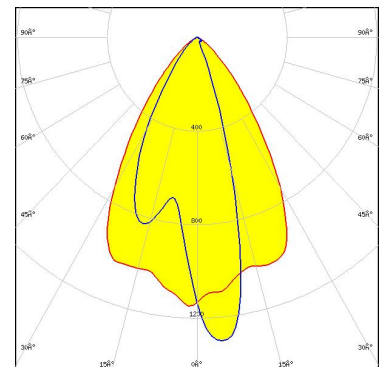
Light distribution files



LED LUXEON HL2X
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files

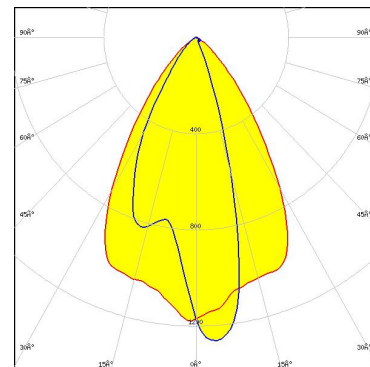


OPTICAL RESULTS (SIMULATED):



LED LUXEON HL2X-E
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

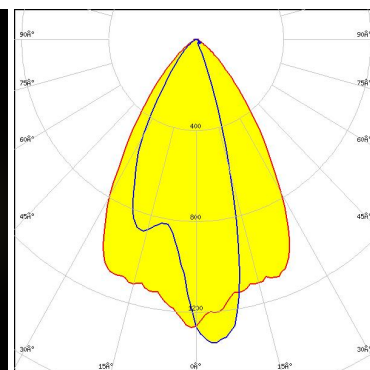
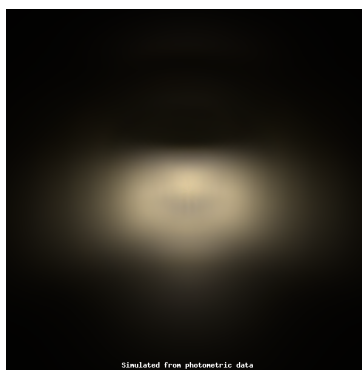
Protective plate, glass



Light distribution files



LED LUXEON HL2X-E
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

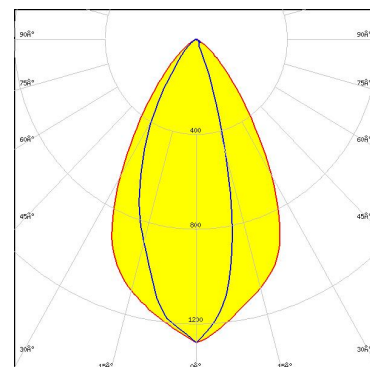


Light distribution files



LED LUXEON HL4X
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

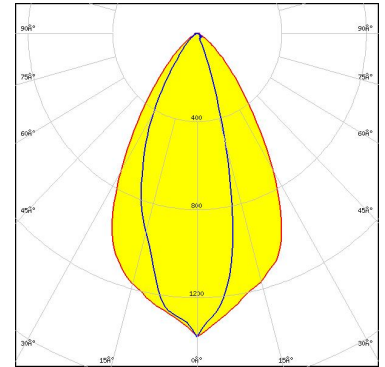


Light distribution files

OPTICAL RESULTS (SIMULATED):



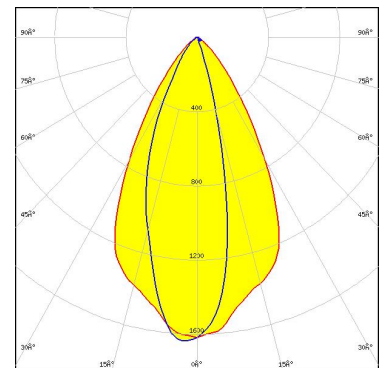
LED LUXEON HL4X
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



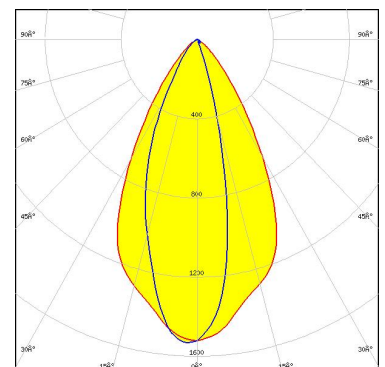
LED LUXEON HL4Z
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON HL4Z
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

Light distribution files

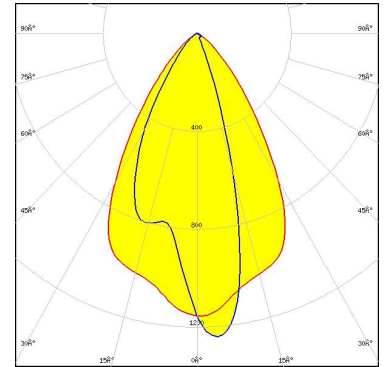
OPTICAL RESULTS (SIMULATED):



| | |
|----------------------|-------------------------------------|
| LED | LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) |
| FWHM / FWTM | Asymmetric |
| Efficiency | 87 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

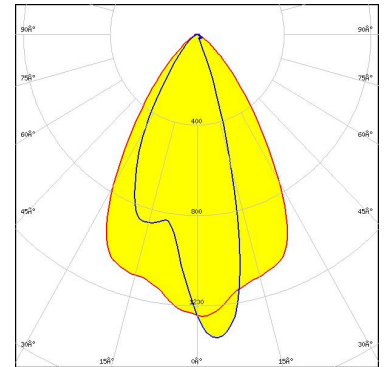
Protective plate, glass

Light distribution files



| | |
|----------------------|-------------------------------------|
| LED | LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) |
| FWHM / FWTM | Asymmetric |
| Efficiency | 94 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

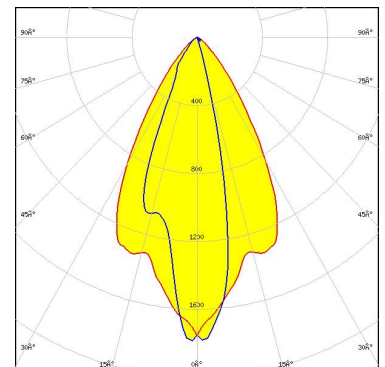
Light distribution files



| | |
|----------------------|-------------|
| LED | SFT-12R-W-A |
| FWHM / FWTM | Asymmetric |
| Efficiency | 89 % |
| Peak intensity | 1.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Protective plate, glass

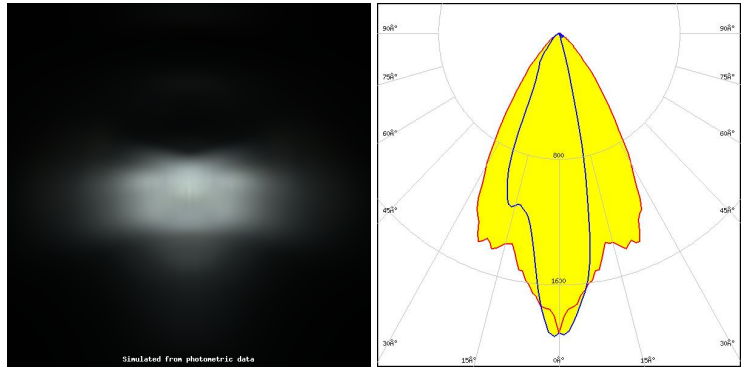
Light distribution files



OPTICAL RESULTS (SIMULATED):



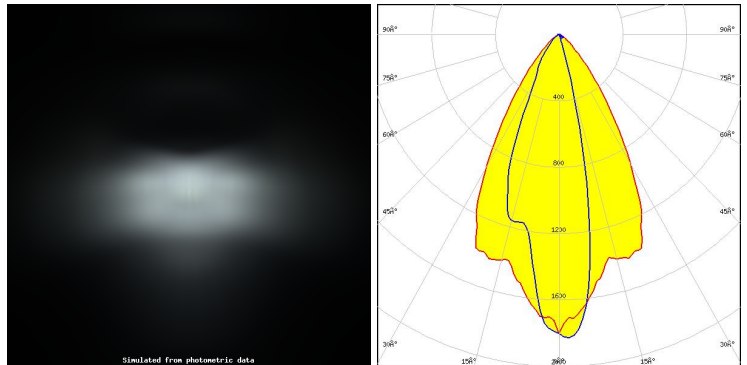
LED SFT-12R-W-A
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



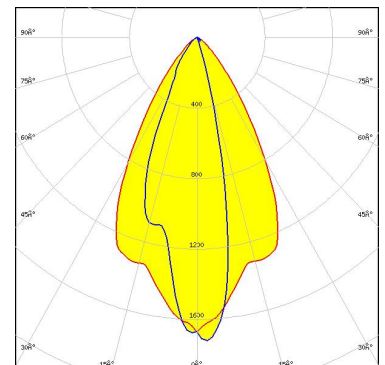
LED SFT-25R-W-A
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SFT-25R-W-A
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

Light distribution files

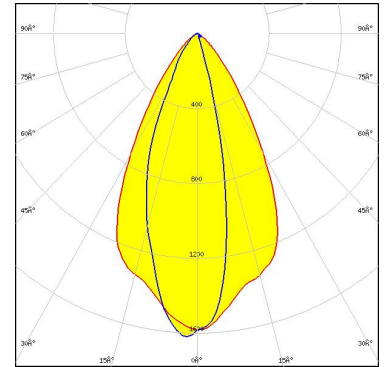
OPTICAL RESULTS (SIMULATED):



LED SST-20 Gen1
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.6 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

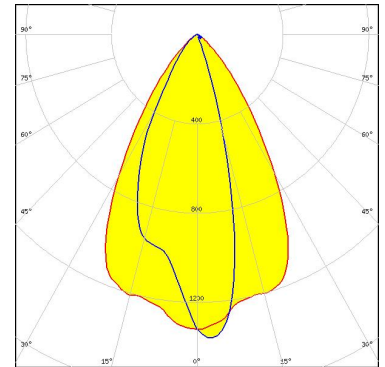
Light distribution files



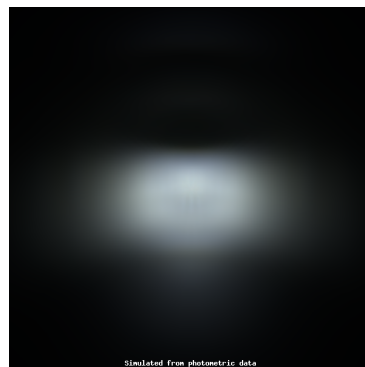
LED SST-20F-W
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.4 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

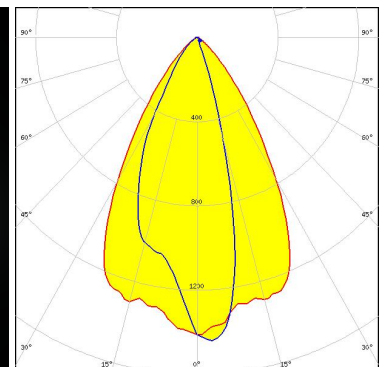
Light distribution files



LED SST-20F-W
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



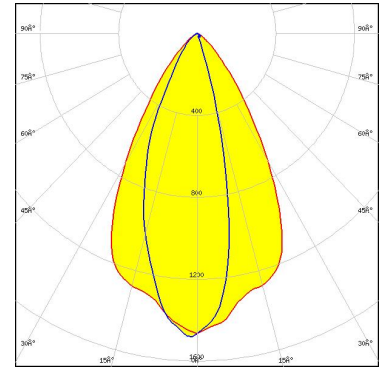
OPTICAL RESULTS (SIMULATED):



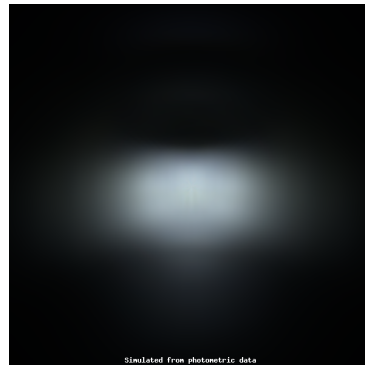
LED SST-25-W
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

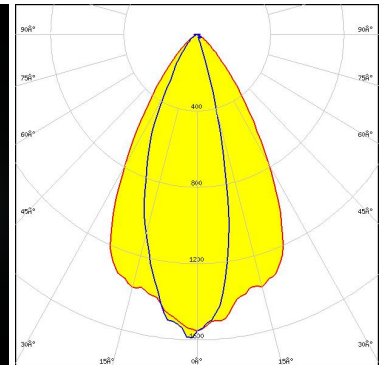
Light distribution files



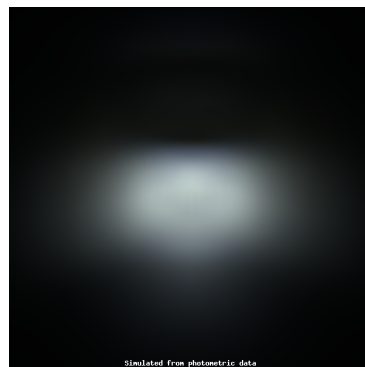
LED SST-25-W
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



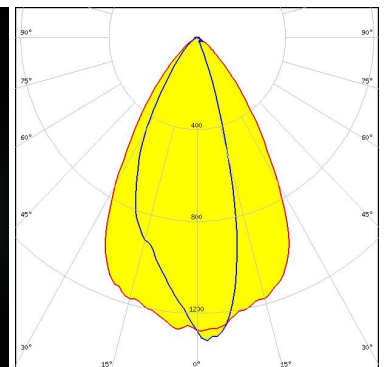
Light distribution files



LED SST-36F-W
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



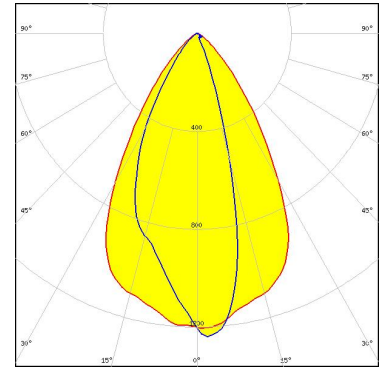
OPTICAL RESULTS (SIMULATED):



LED SST-36F-W
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

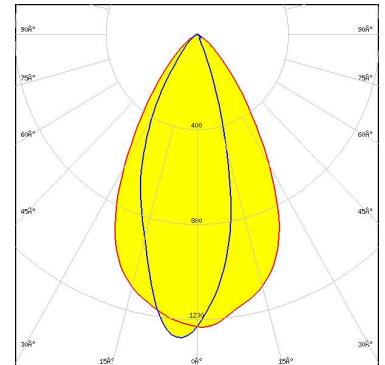
Light distribution files



LED SST-70X-WCS
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

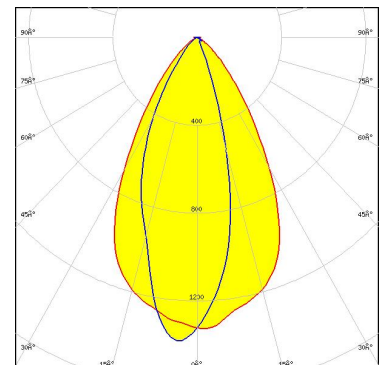
Protective plate, glass

Light distribution files



LED SST-70X-WCS
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



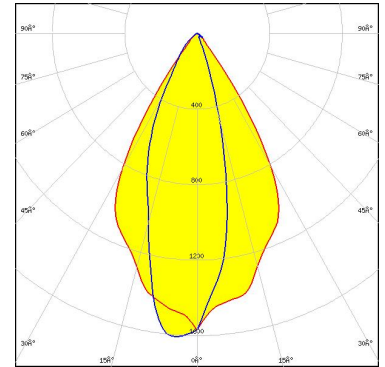
OPTICAL RESULTS (SIMULATED):



LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

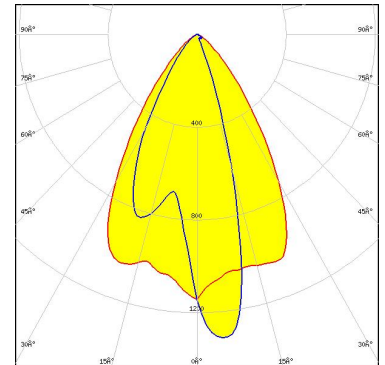
Light distribution files



LED NVSW219D
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

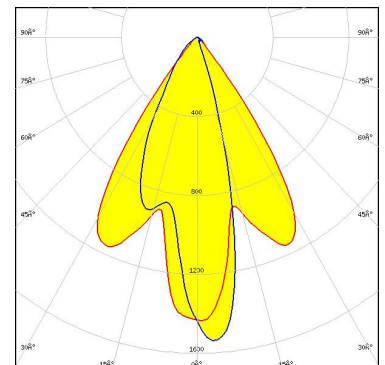
Light distribution files



LED NVSW219F
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files



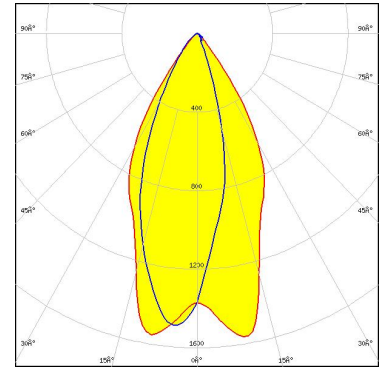
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

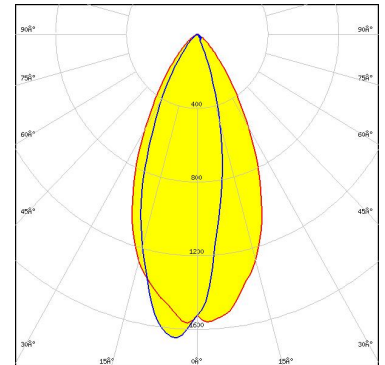
Light distribution files



OSRAM
Opto Semiconductors

LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

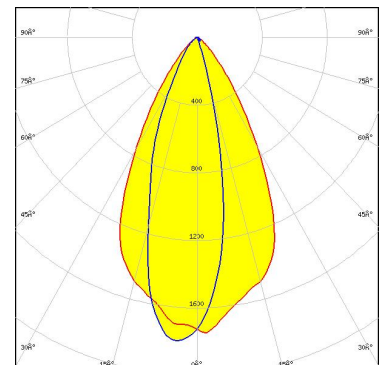
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



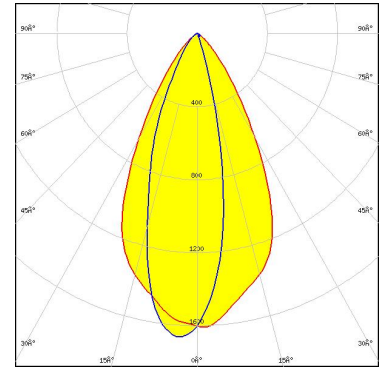
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files

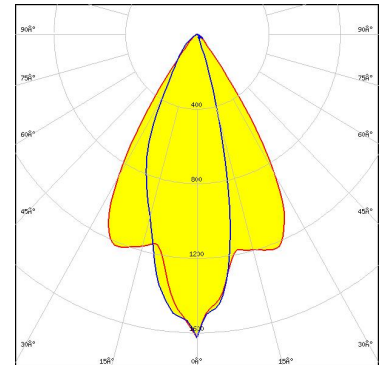


OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

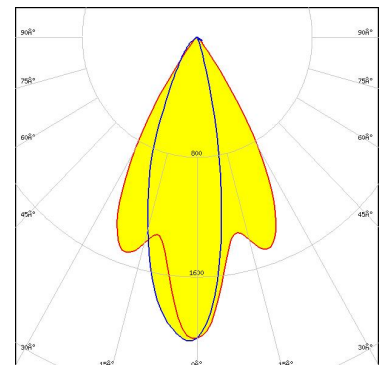
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 Flat
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

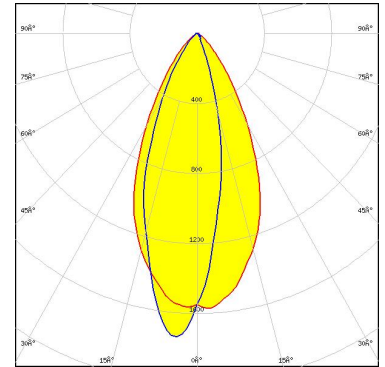
Light distribution files



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

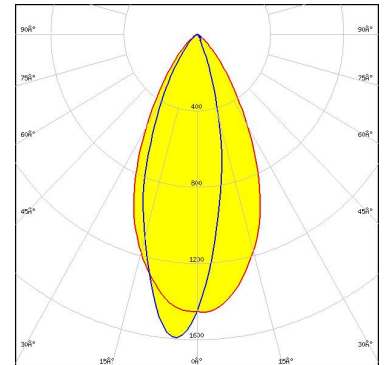
LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

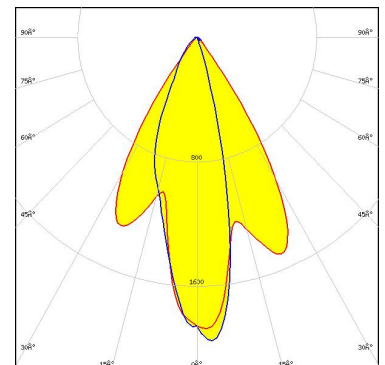


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

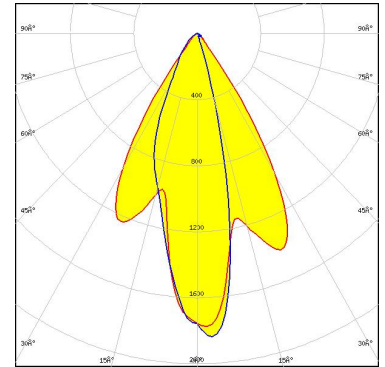
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

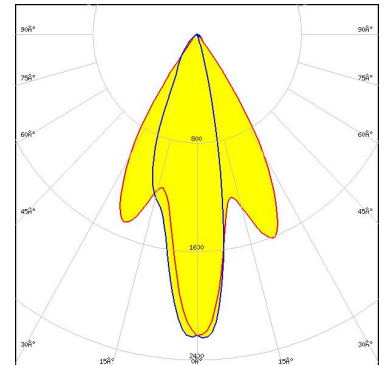
Light distribution files



OSRAM
Opto Semiconductors

LED OSLON Square Flat
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

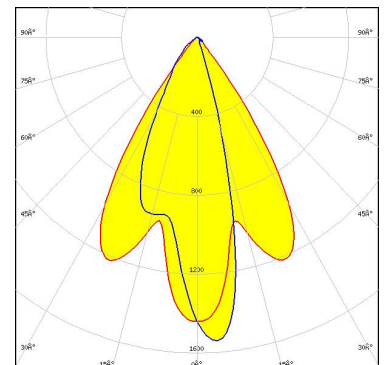


SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files



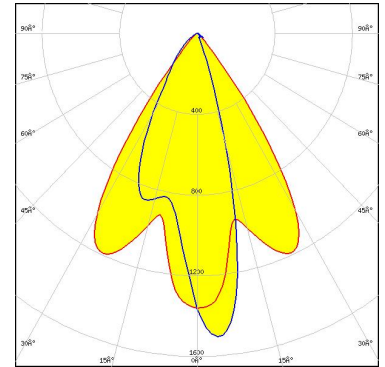
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351C
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files

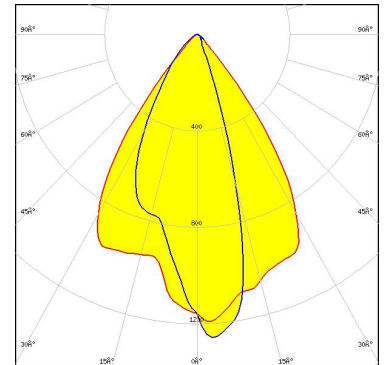


SAMSUNG

LED LH351D
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

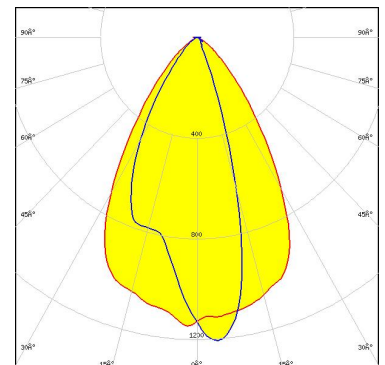
Light distribution files



SAMSUNG

LED LH351D
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

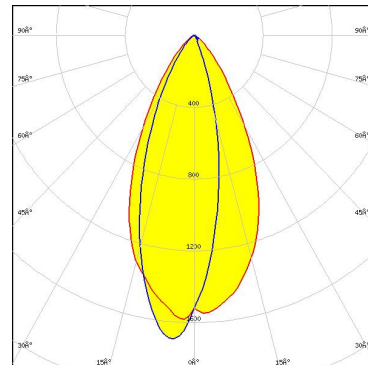
Light distribution files



OPTICAL RESULTS (SIMULATED):

SAMSUNG

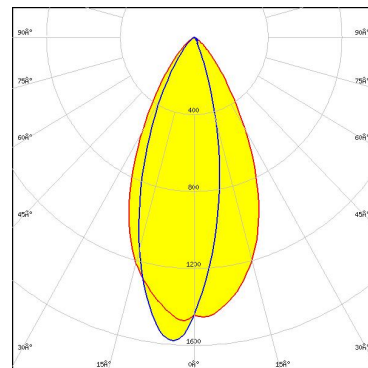
LED LH502C
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LH502C
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

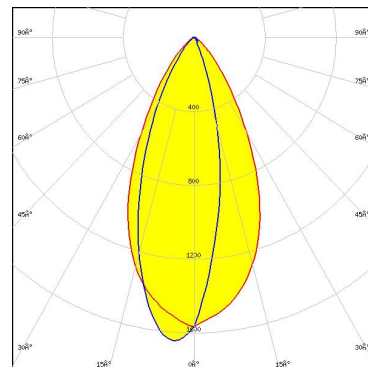


Light distribution files

Protective plate, glass



LED SEOUL DC 5050 6V
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

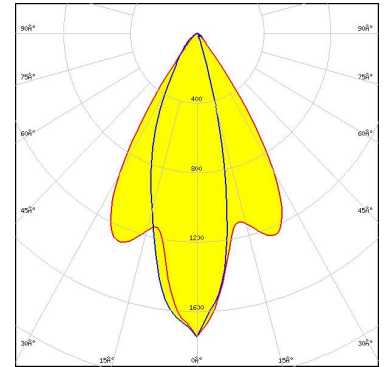
OPTICAL RESULTS (SIMULATED):



LED Z5M3
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

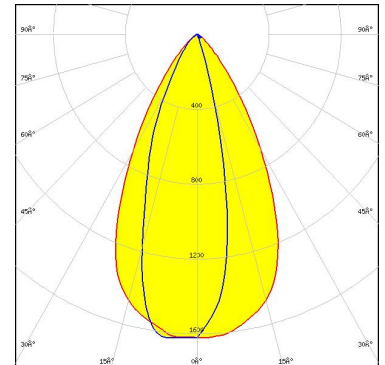
Protective plate, glass

Light distribution files



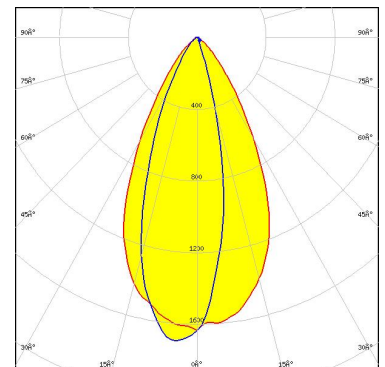
LED Z5M4
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED Z5M5
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



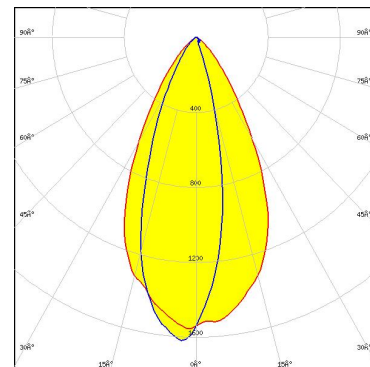
OPTICAL RESULTS (SIMULATED):



LED Z5M5
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

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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