

SPORT-2X2-S6

Slightly asymmetric ~60° spot beam with minimum spill light



SPECIFICATION:

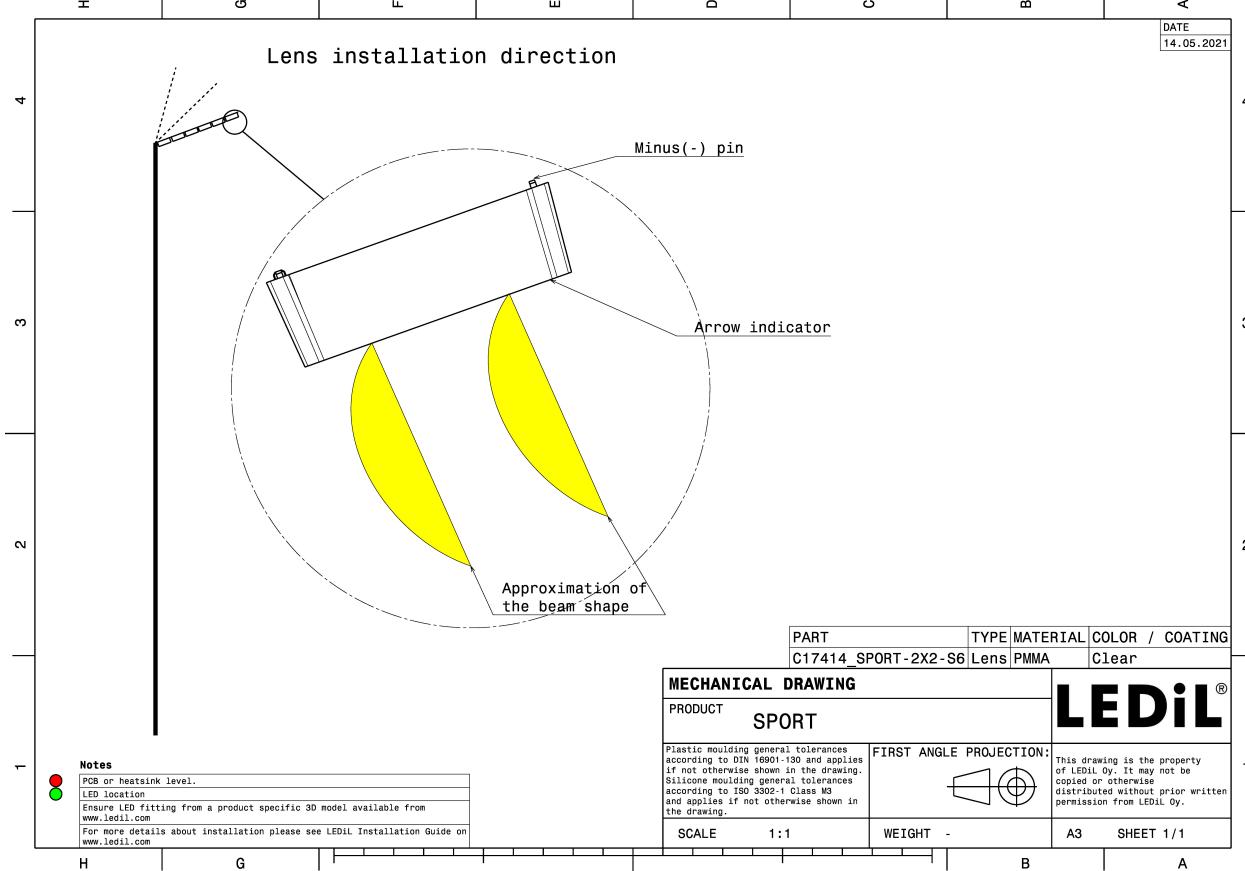
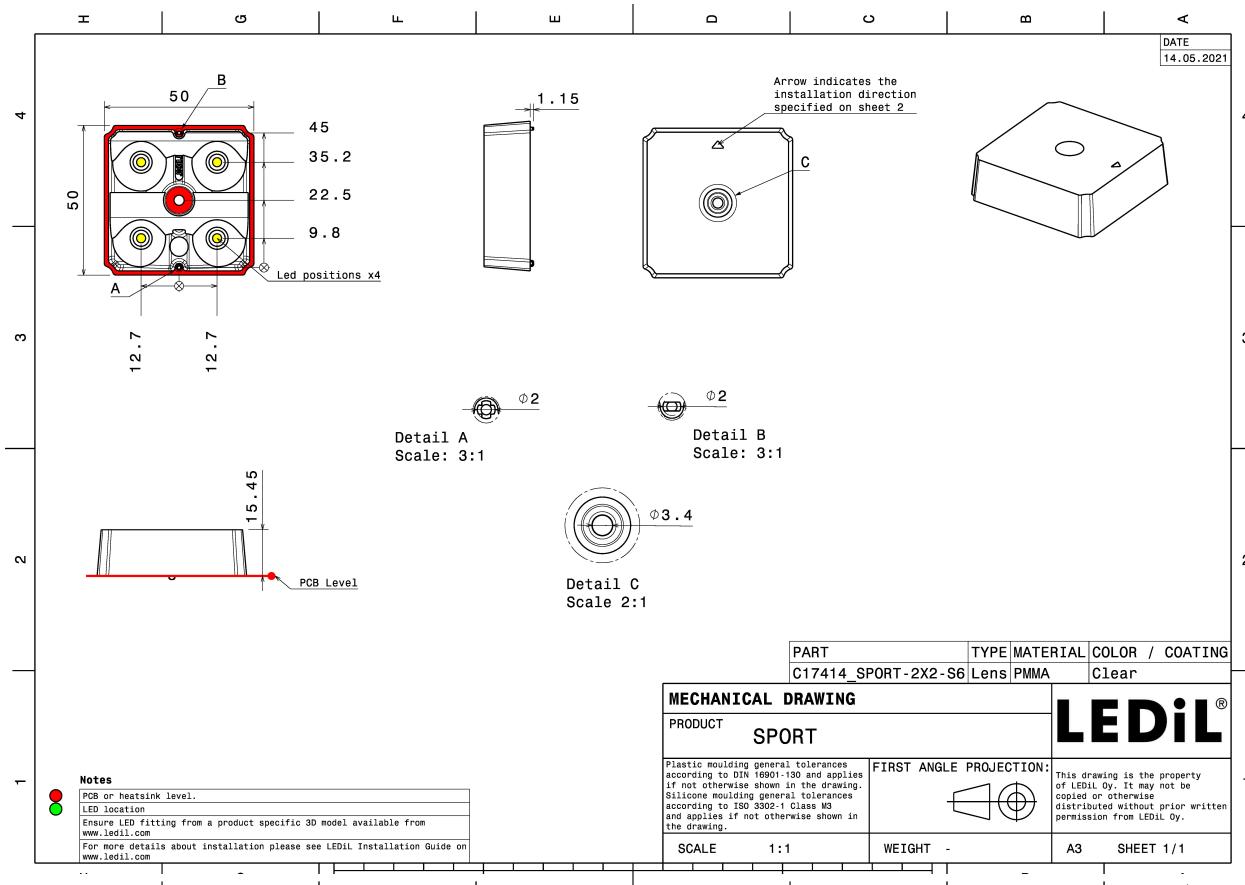
Dimensions	50.0 x 50.0
Height	15.5 mm
Fastening	screw
ROHS compliant	yes ⓘ

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	476	140	28	11.4
» Box size: 480 x 280 x 300 mm				

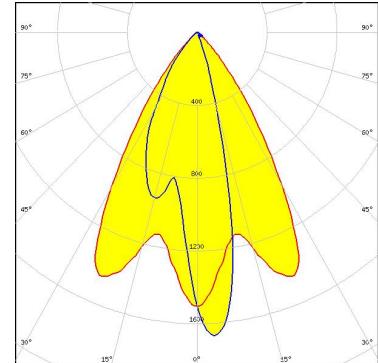


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



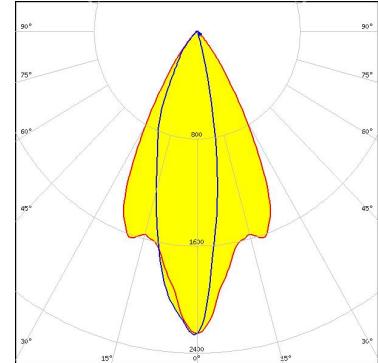
LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

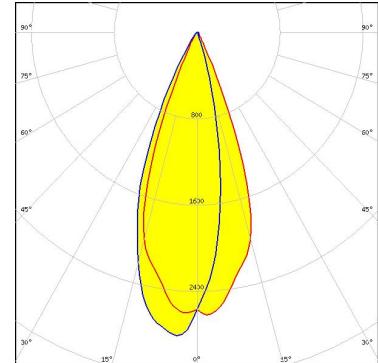


Light distribution files

OPTICAL RESULTS (SIMULATED):



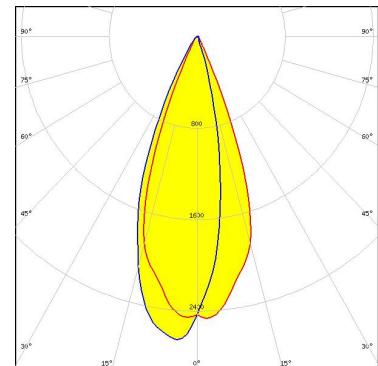
LED J Series 5050 6V P Class
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED J Series 5050 6V P Class
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

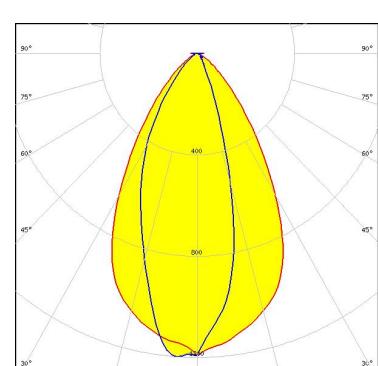


Protective plate, glass

Light distribution files



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



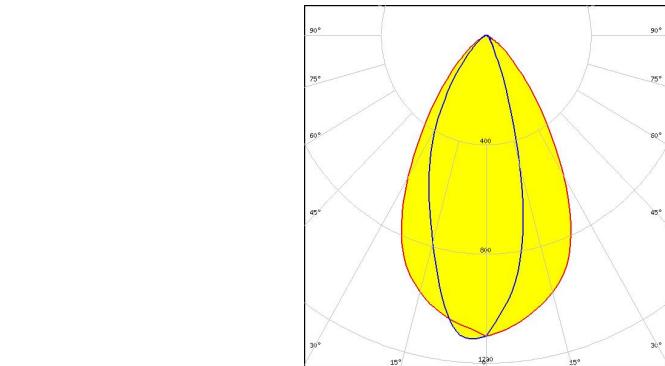
Light distribution files

OPTICAL RESULTS (SIMULATED):



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

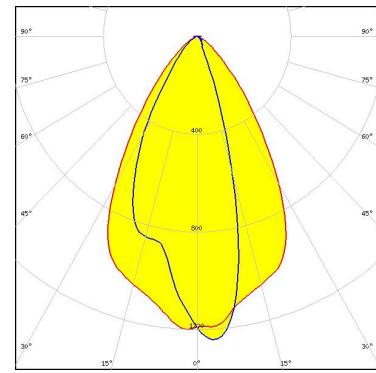
Protective plate, glass



Light distribution files



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

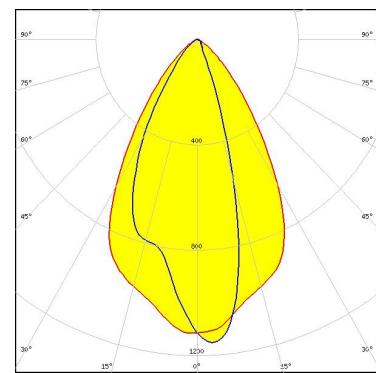


Light distribution files



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

Protective plate, glass

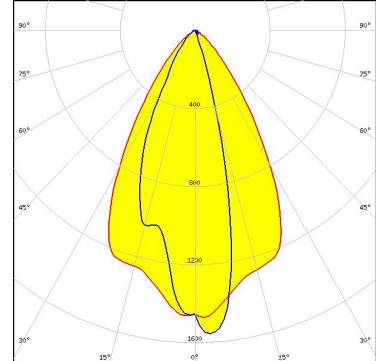


Light distribution files

OPTICAL RESULTS (SIMULATED):



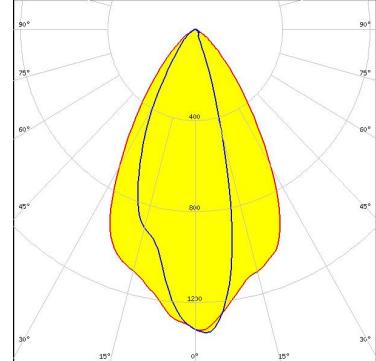
LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

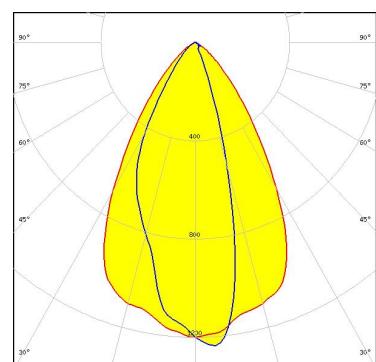


Protective plate, glass

Light distribution files



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



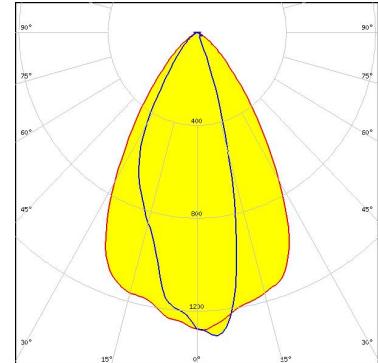
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



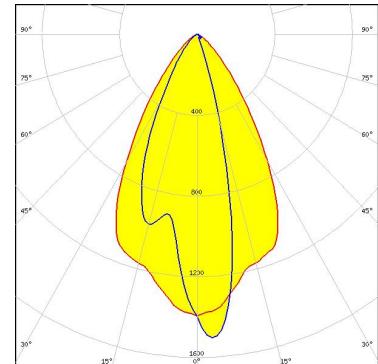
LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

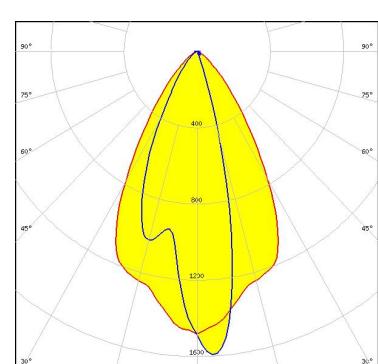


Protective plate, glass

Light distribution files



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

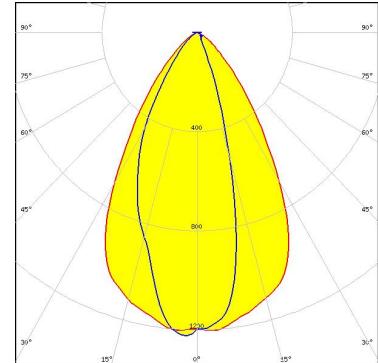


Light distribution files

OPTICAL RESULTS (SIMULATED):



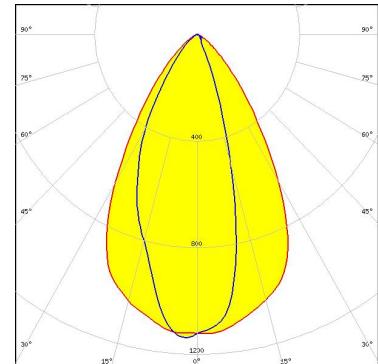
LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

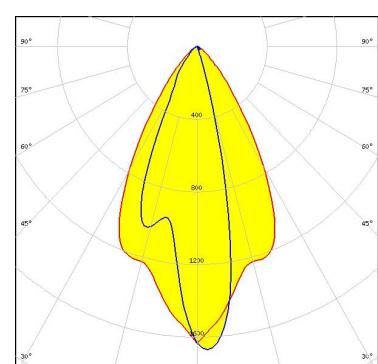


Protective plate, glass

Light distribution files



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



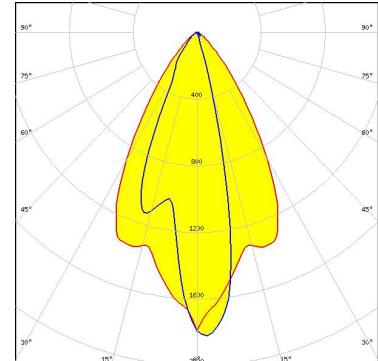
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



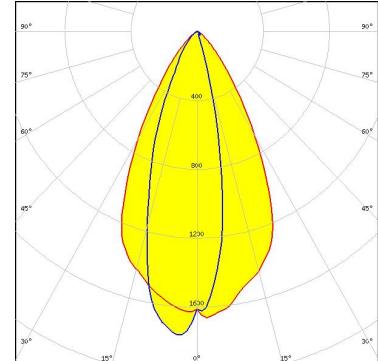
LED XP-P
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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:

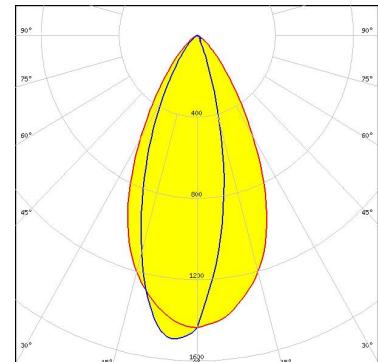


Protective plate, glass

Light distribution files



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



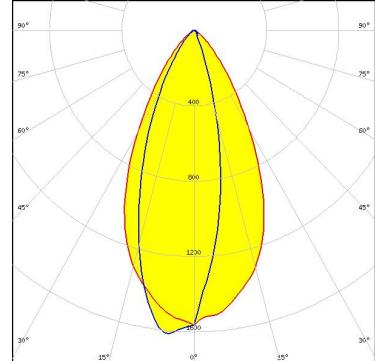
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



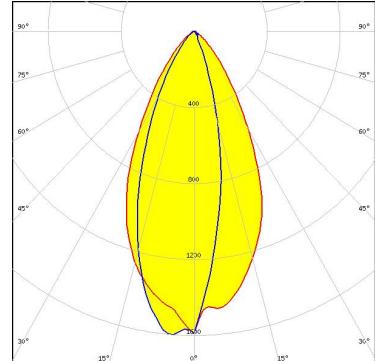
LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 5050 HE Plus
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

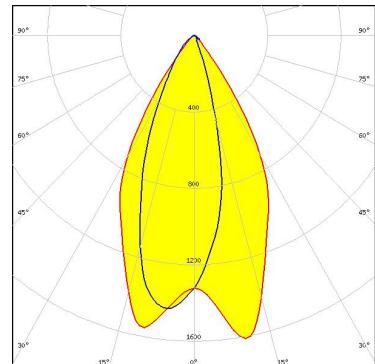


Light distribution files



LED 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



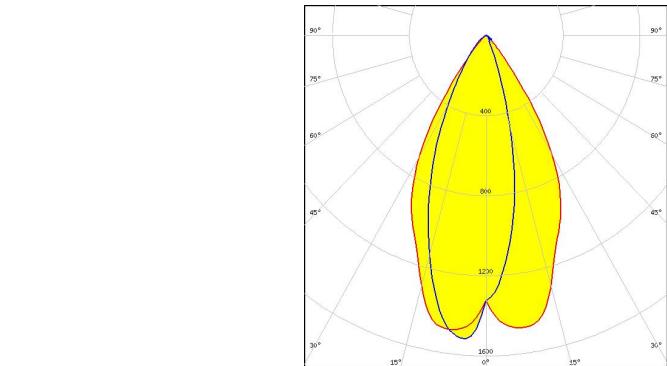
Light distribution files

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:

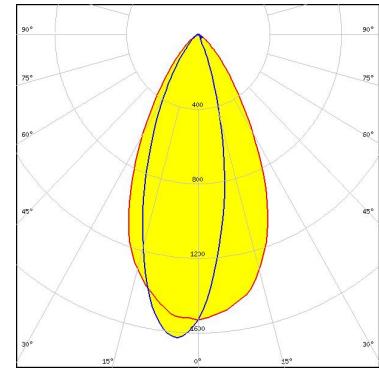
Protective plate, glass



Light distribution files



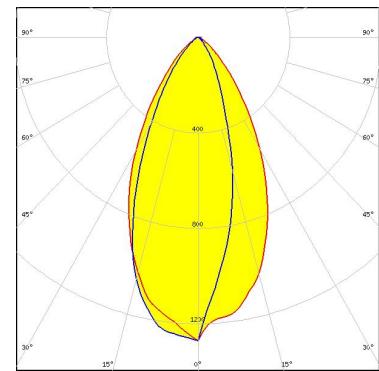
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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



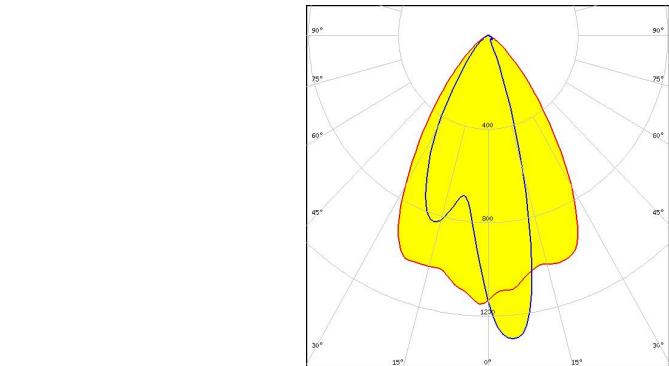
Light distribution files

OPTICAL RESULTS (SIMULATED):



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

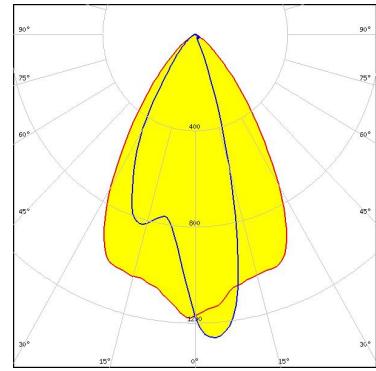


Light distribution files



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:

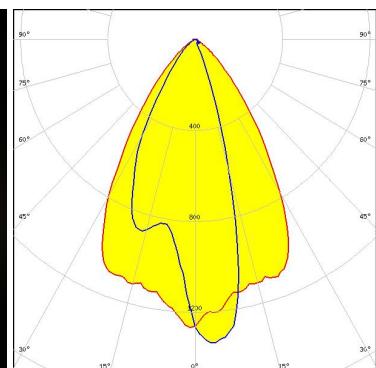
Protective plate, glass



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:



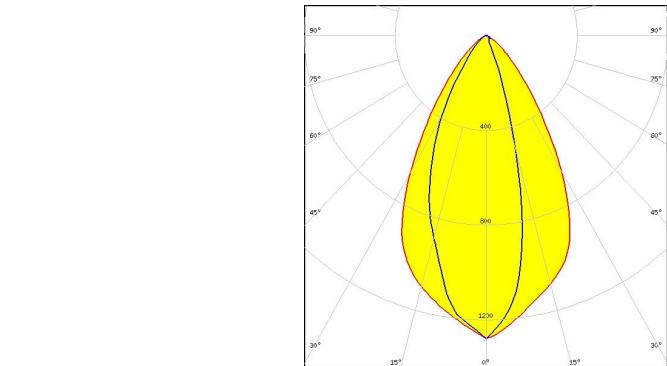
Light distribution files

OPTICAL RESULTS (SIMULATED):



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

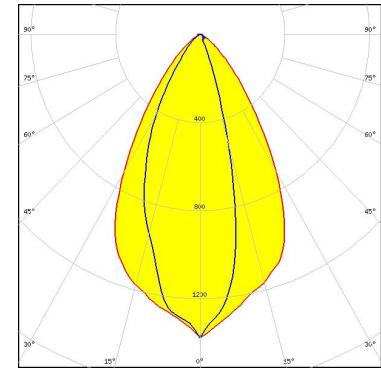
Protective plate, glass



Light distribution files



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

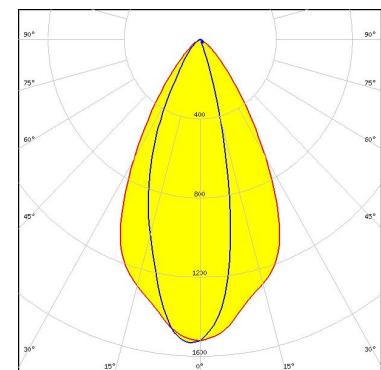


Light distribution files



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

Protective plate, glass

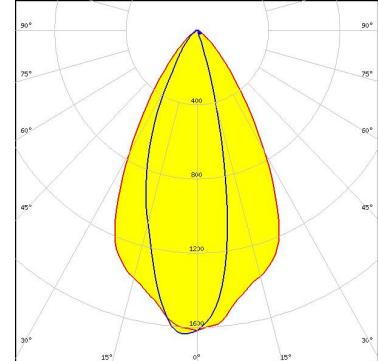


Light distribution files

OPTICAL RESULTS (SIMULATED):



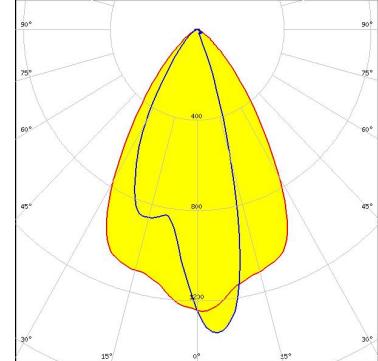
LED LUXEON HL4Z
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON XR-HL2X (L2H2-xxxxxxMLU010)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

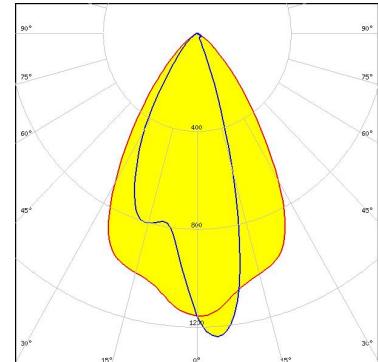


Light distribution files



LED LUXEON XR-HL2X (L2H2-xxxxxxMLU010)
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



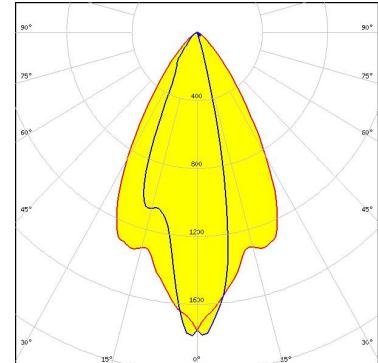
Light distribution files

OPTICAL RESULTS (SIMULATED):



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:

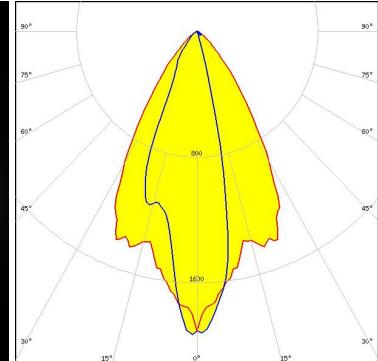
Protective plate, glass



Light distribution files



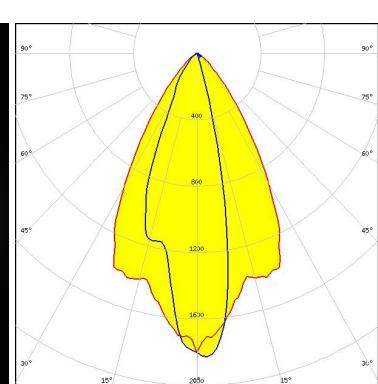
LED SFT-12R-W-A
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:



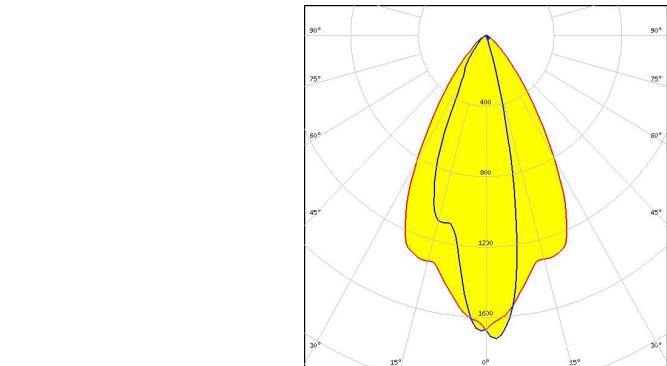
Light distribution files

OPTICAL RESULTS (SIMULATED):



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

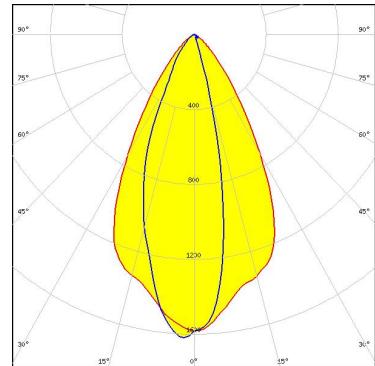


Light distribution files



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

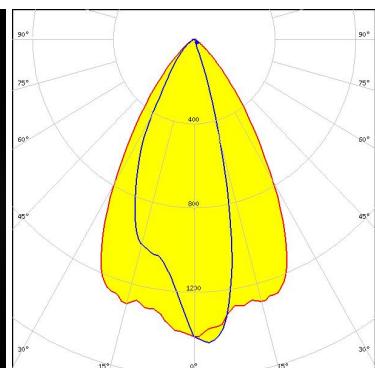
Protective plate, glass



Light distribution files



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



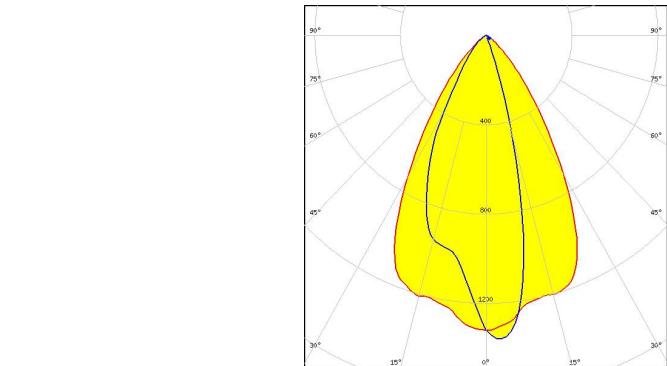
Light distribution files

OPTICAL RESULTS (SIMULATED):



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

Protective plate, glass

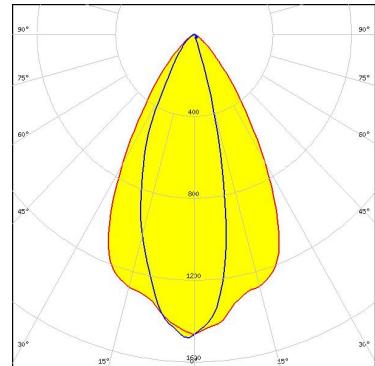


Light distribution files



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

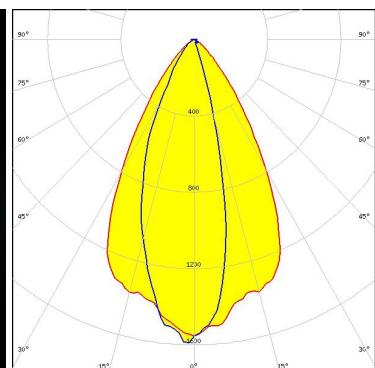
Protective plate, glass



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:

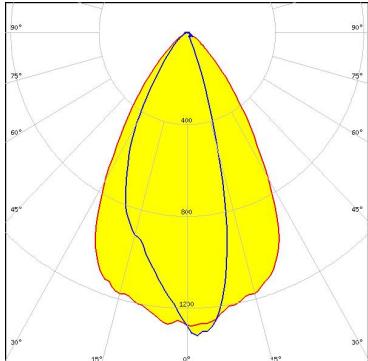


Light distribution files

OPTICAL RESULTS (SIMULATED):



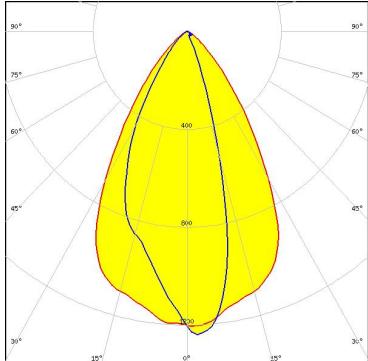
LED	SST-36F-W
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



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:	

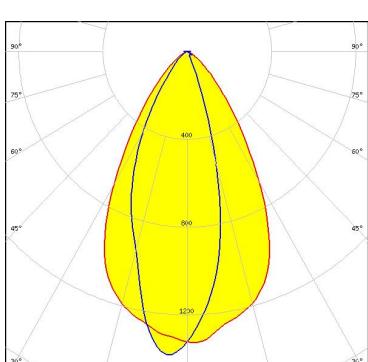


Protective plate, glass

Light distribution files



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



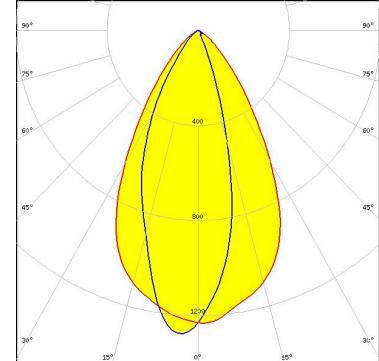
Light distribution files

OPTICAL RESULTS (SIMULATED):



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:

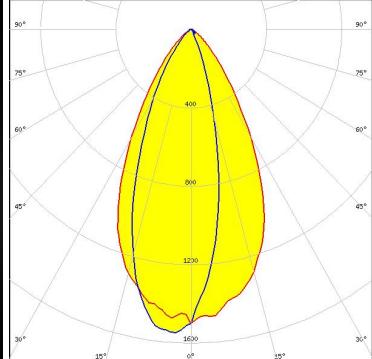
Protective plate, glass



Light distribution files



LED NFMW486AM-V2
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

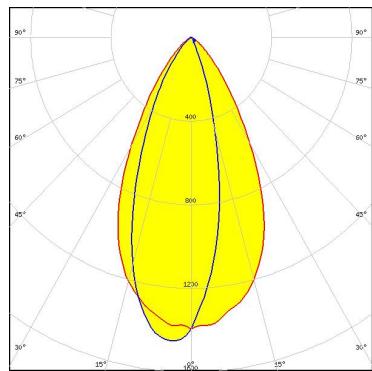


Light distribution files



LED NFMW486AM-V2
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



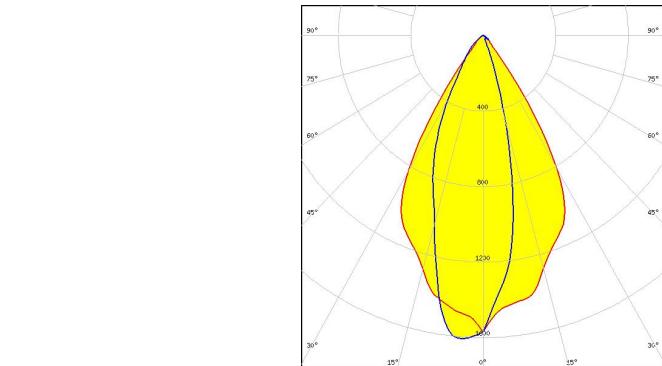
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED 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

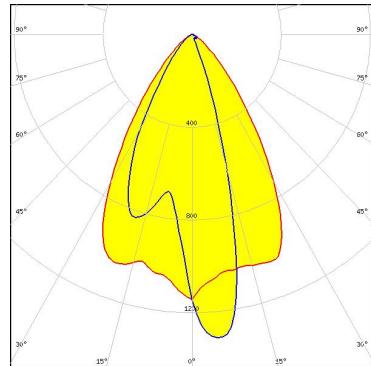


Light distribution files



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

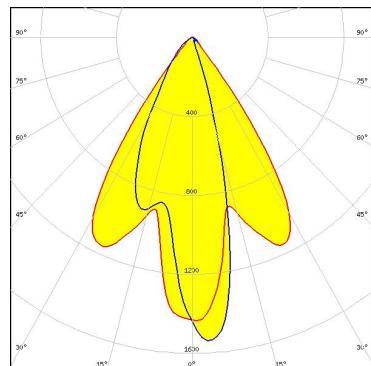


Light distribution files



LED NVSW219F-V2
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

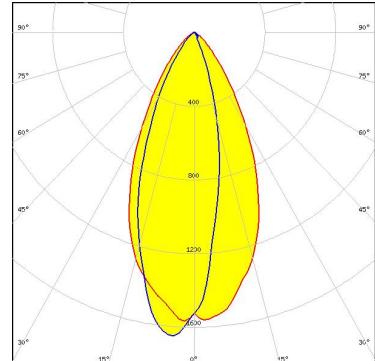


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

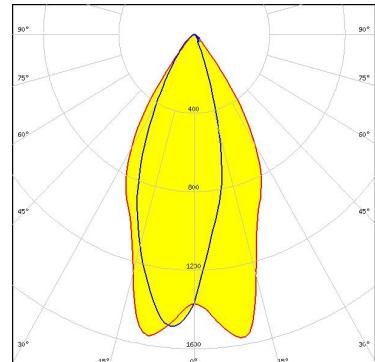
LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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:

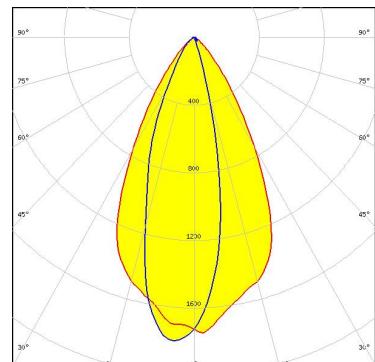


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

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



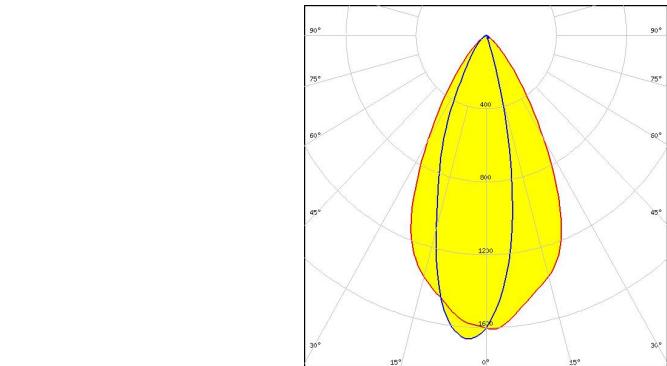
Light distribution files

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

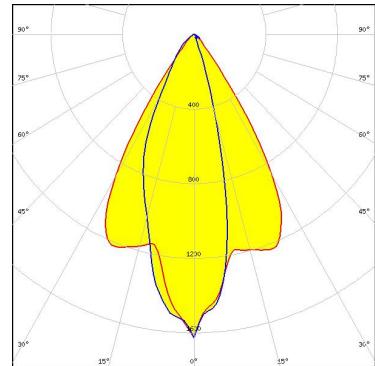


Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W) PUSTA1
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

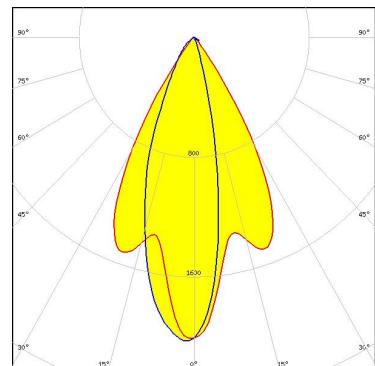


Light distribution files

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



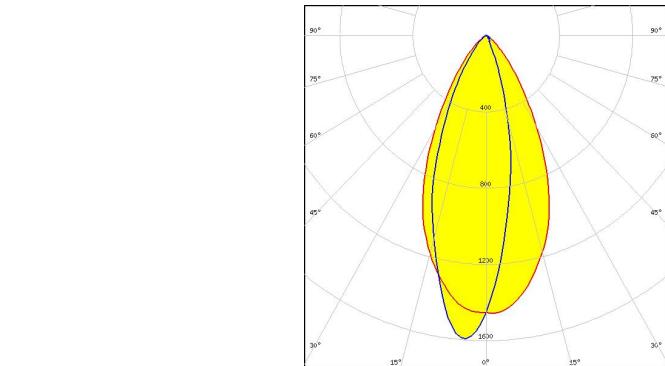
OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSCONIQ S 5050 (Q9LR32)
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

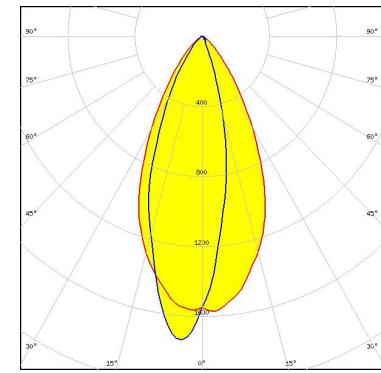


Light distribution files

OSRAM

Opto Semiconductors

LED OSCONIQ S 5050 (Q9LR32)
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

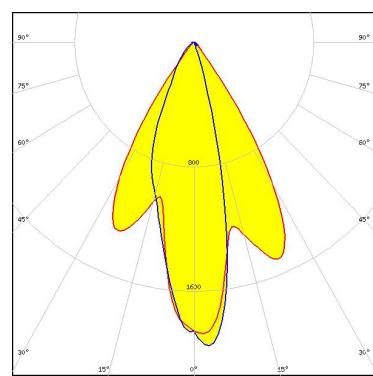


Light distribution files

OSRAM

Opto Semiconductors

LED 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):

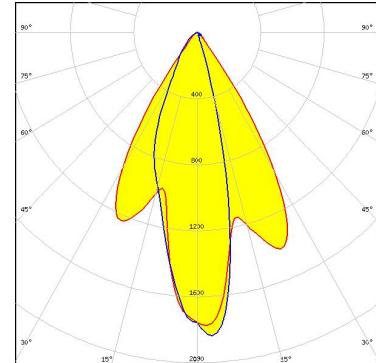
OSRAM

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

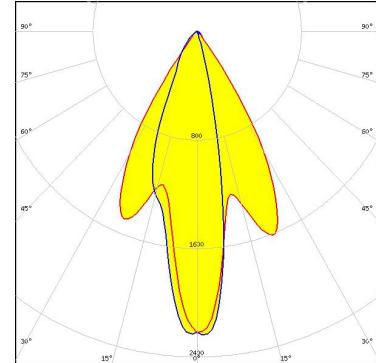


OSRAM

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

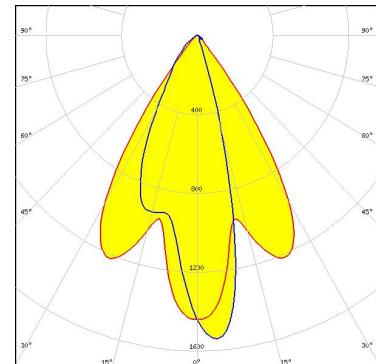


SAMSUNG

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

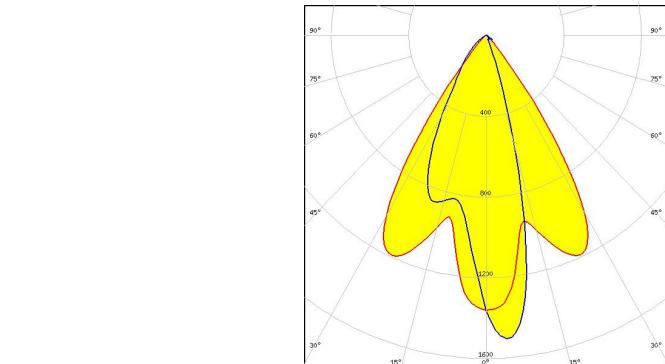


OPTICAL RESULTS (SIMULATED):

SAMSUNG

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

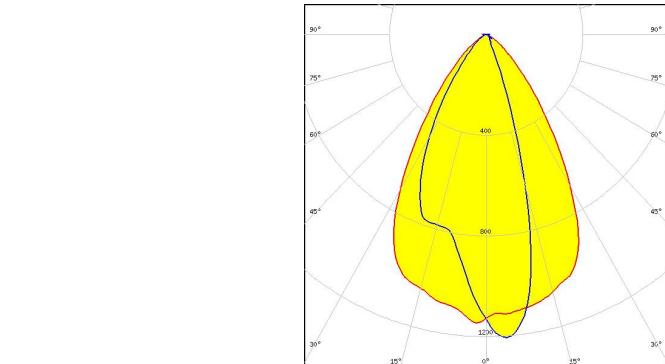
Protective plate, glass



Light distribution files

SAMSUNG

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

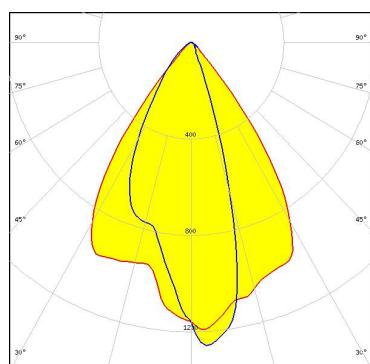


Light distribution files

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



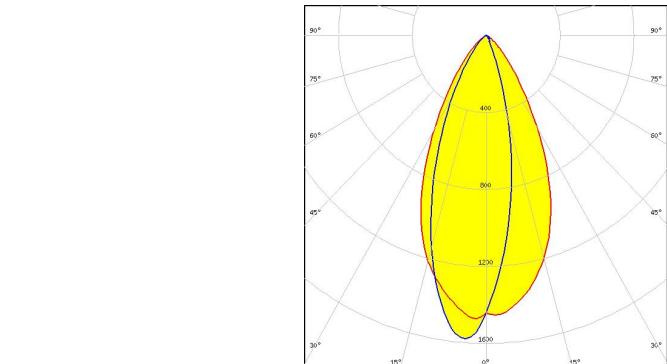
Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

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

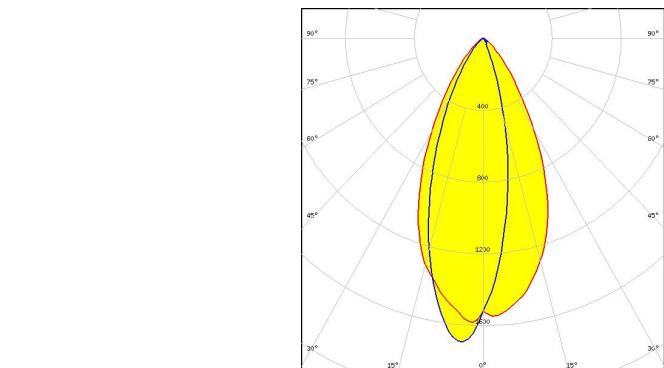
Protective plate, glass



Light distribution files

SAMSUNG

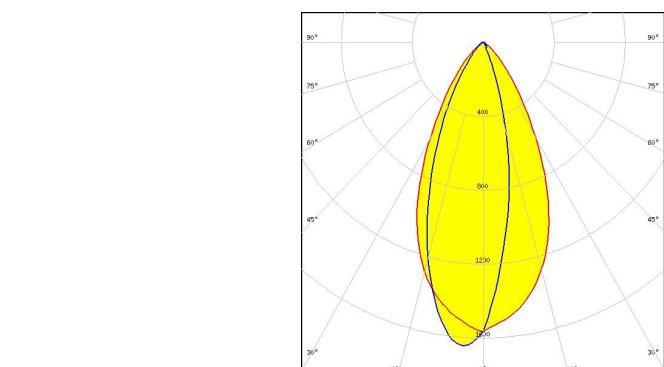
LED LH502C
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

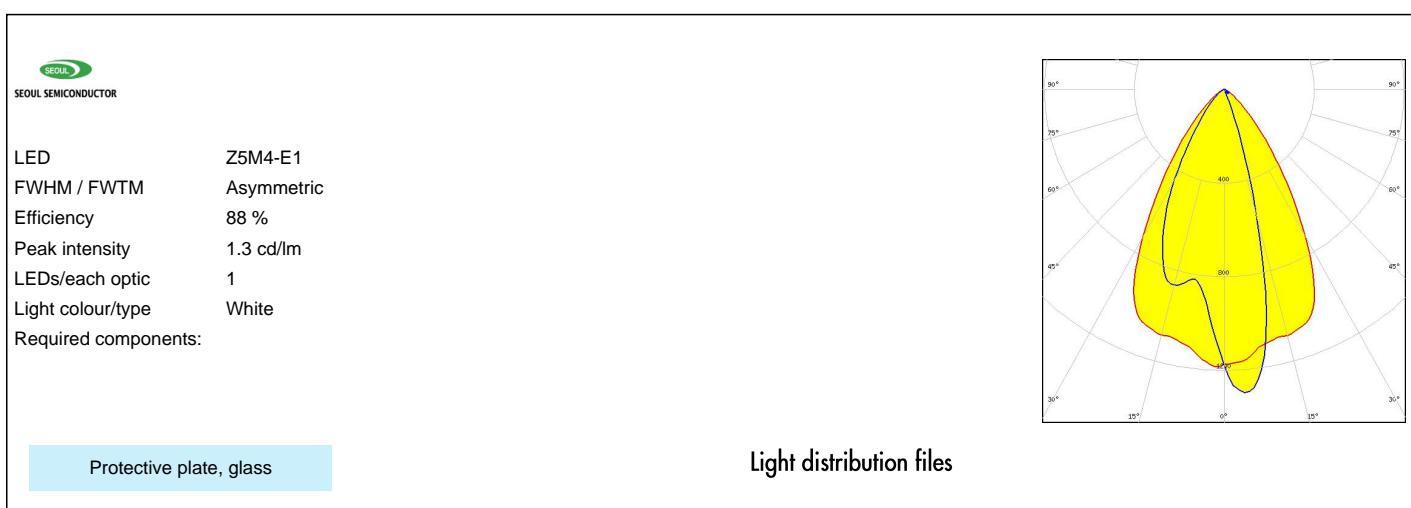
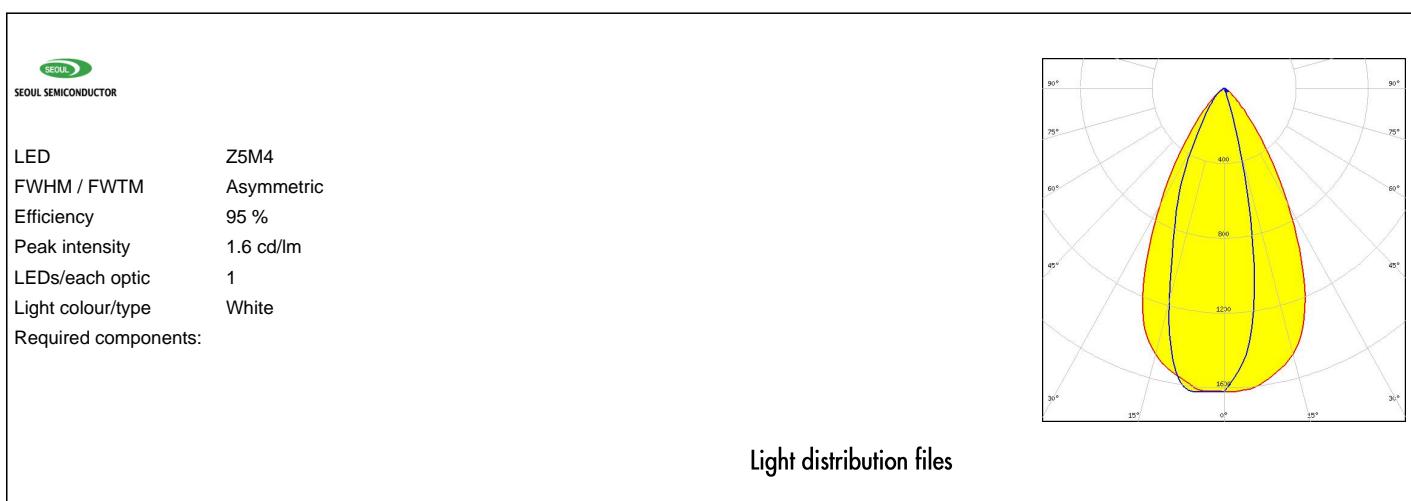
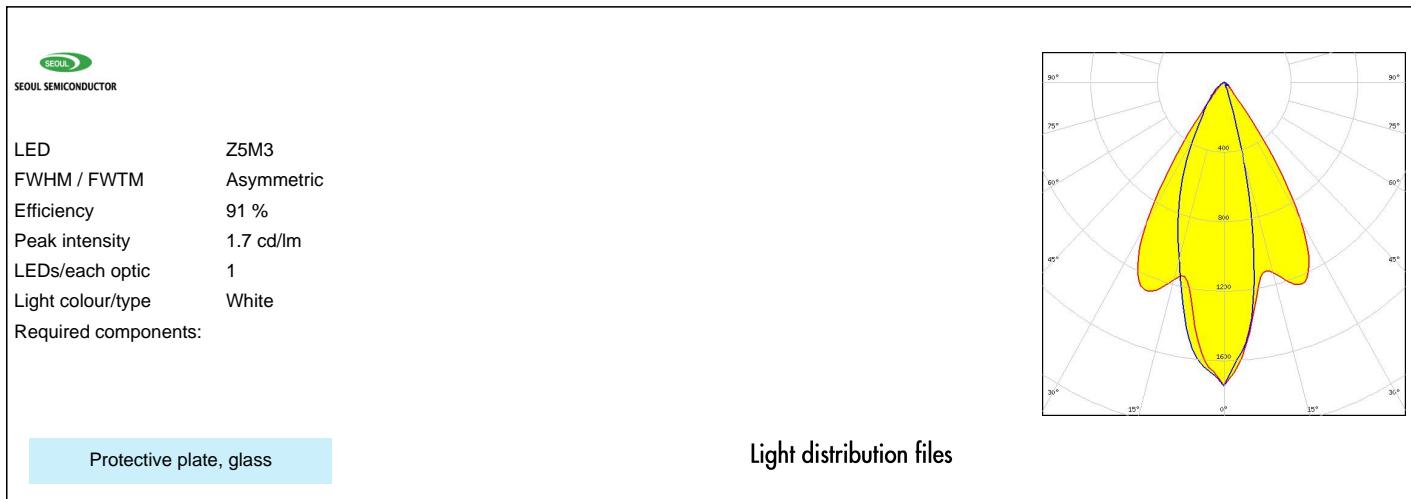
 SEOUL SEMICONDUCTOR

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:

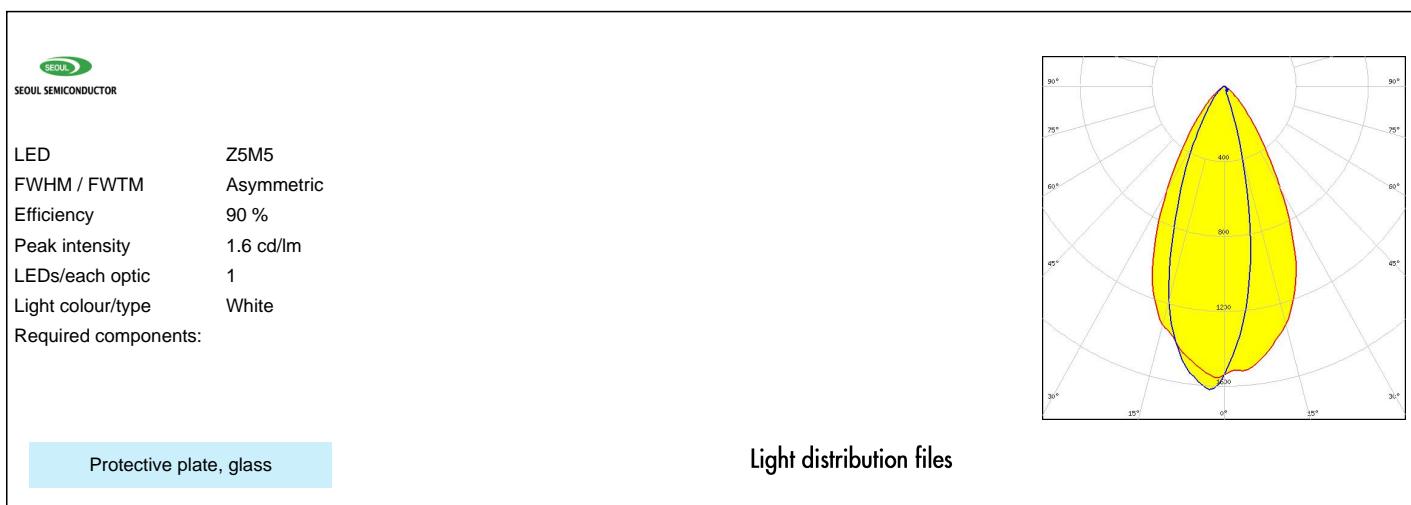
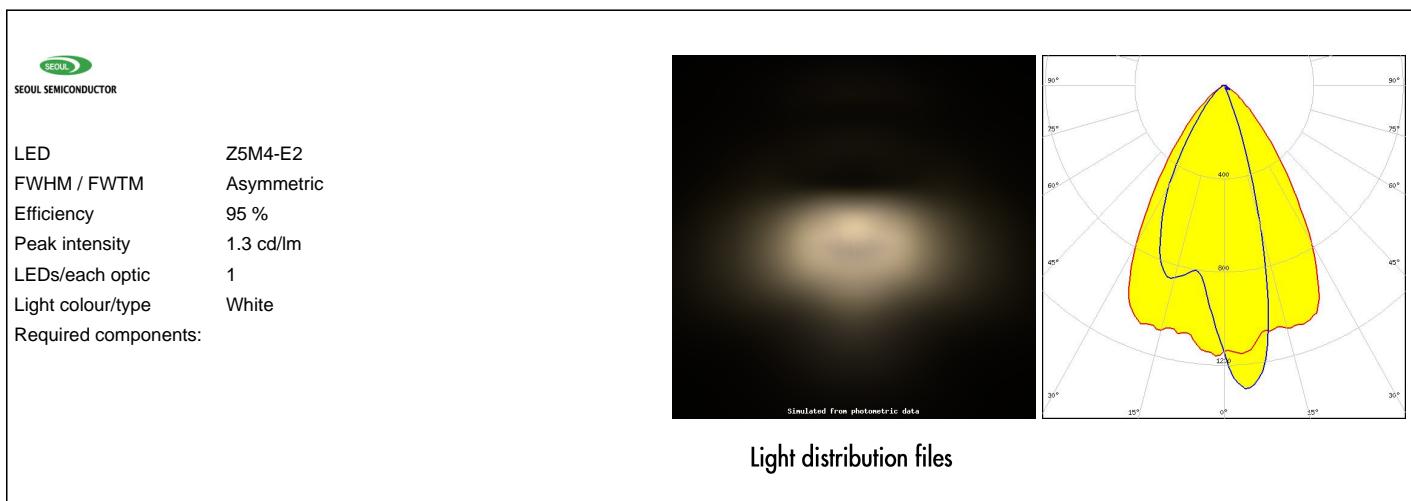
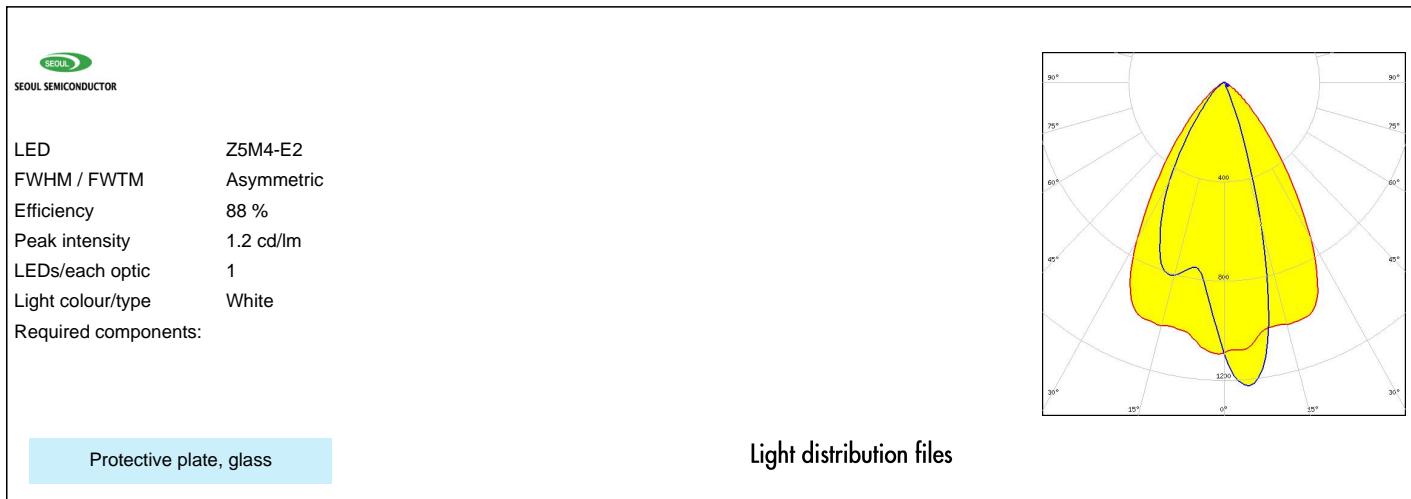


Light distribution files

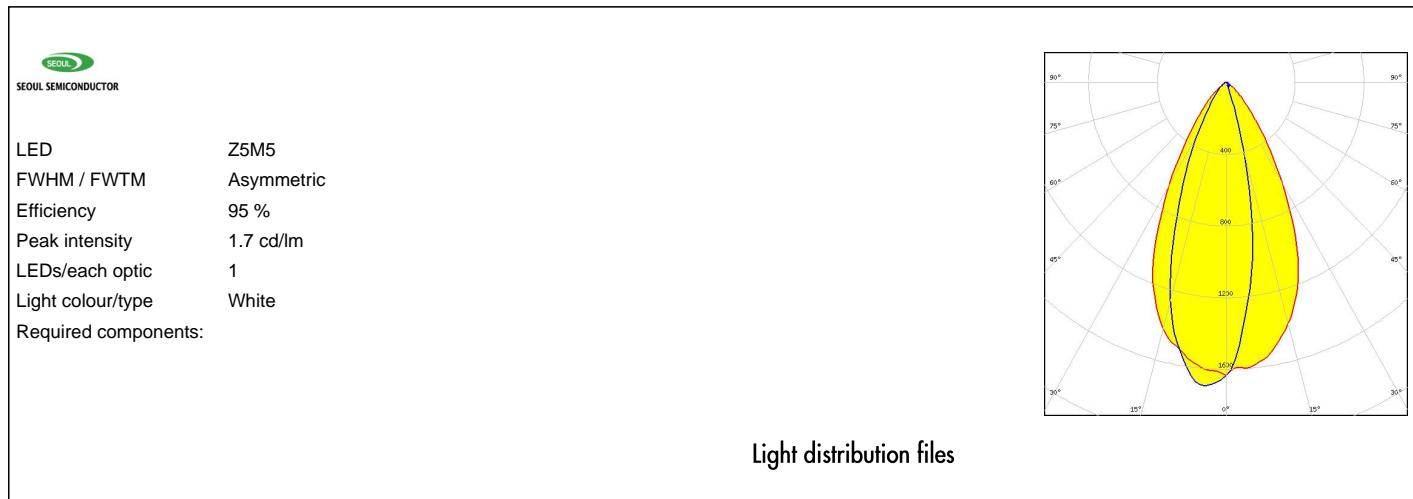
OPTICAL RESULTS (SIMULATED):



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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