

SPORT-2X2-FT6W

Wide forward throw beam with optimized cut-off for high masts

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	12.3 mm
Fastening	screw
ROHS compliant	yes ⓘ

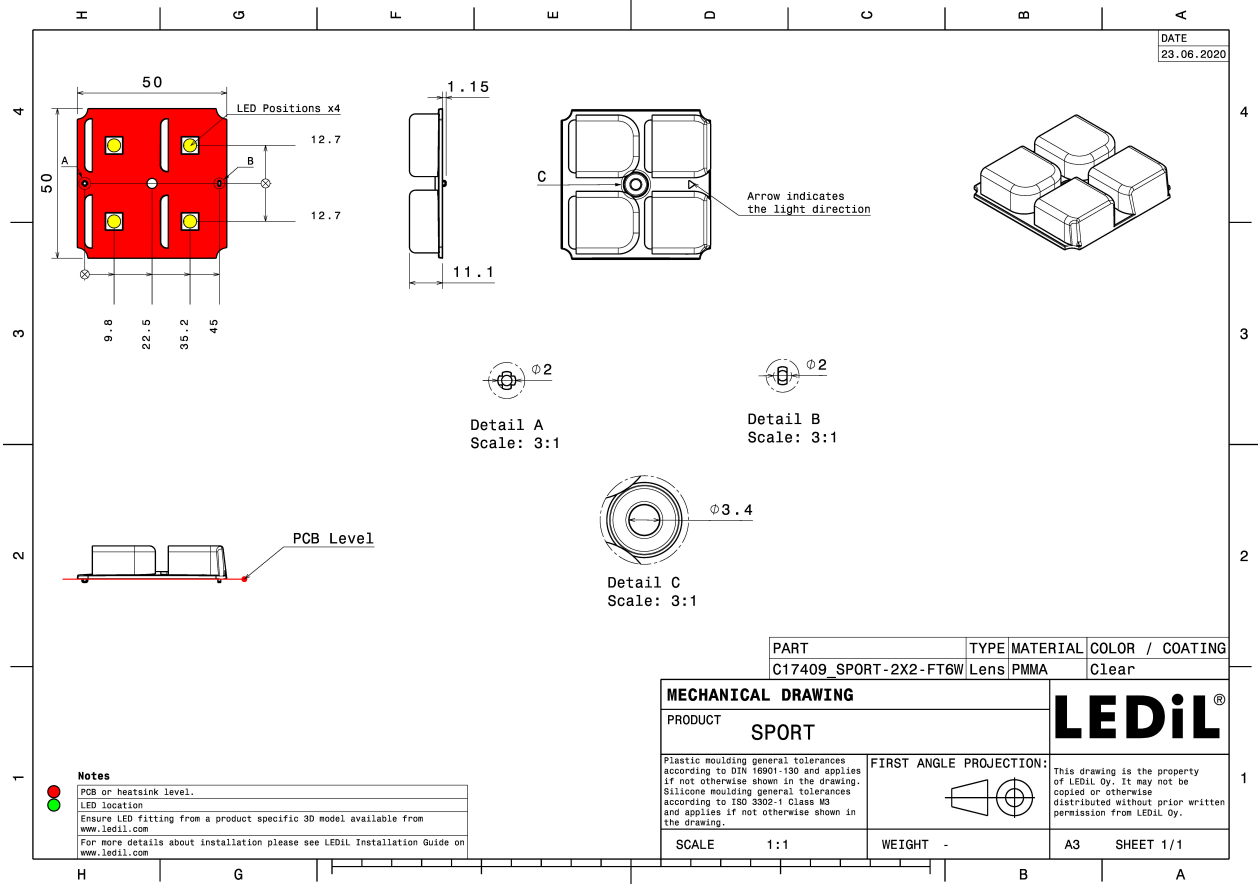


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
SPORT-2X2-FT6W	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17409_SPORT-2X2-FT6W » Box size: 480 x 280 x 300 mm	640	128	128	9.9

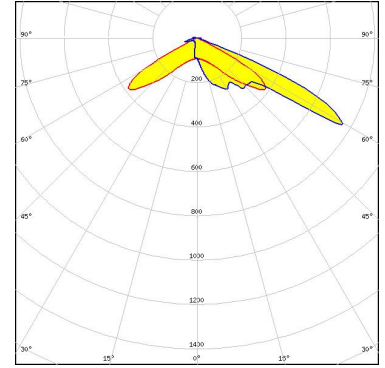


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

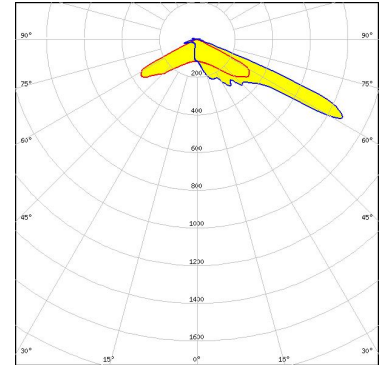
LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

TEPCOMP
group

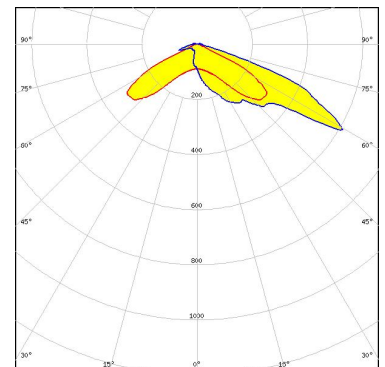
LED PassivePAQ-R-222x50.OS1.9.7K-750-5 V1.0
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

TEPCOMP
group

LED PassivePAQ-R-274x51-NI0-21K-857-5
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

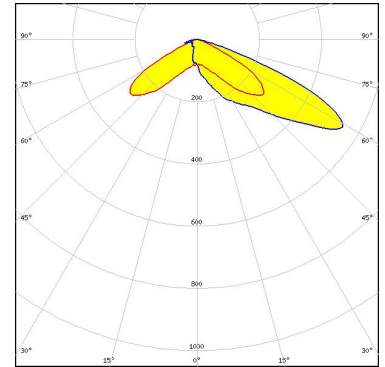
OPTICAL RESULTS (SIMULATED):



LED J Series 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

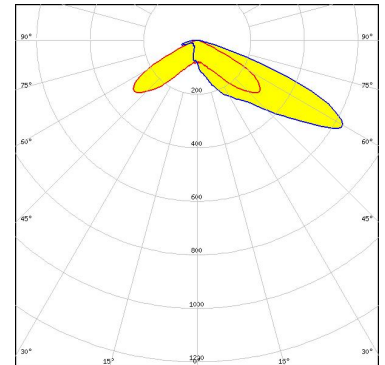
Protective plate, glass

Light distribution files



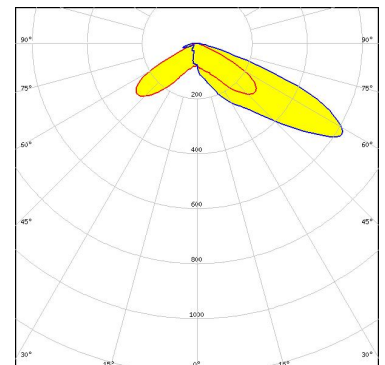
LED J Series 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

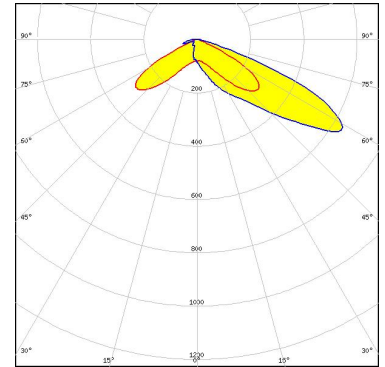
Light distribution files



OPTICAL RESULTS (SIMULATED):



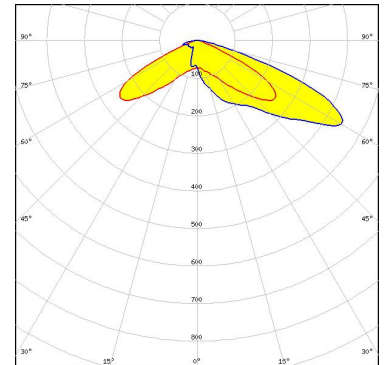
LED J Series 5050C 6V E Class
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP35.2 HD
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

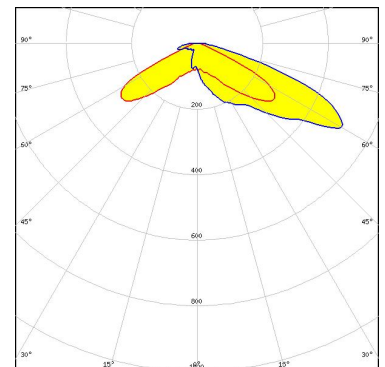


Protective plate, glass

Light distribution files



LED XHP35.2 HD
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



LED XHP35.2 HI
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

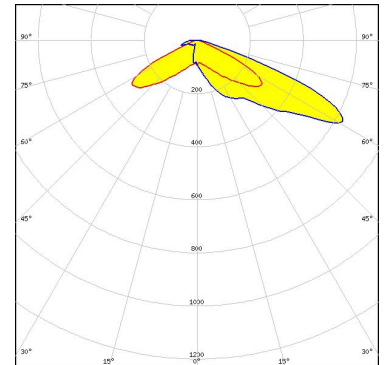
Protective plate, glass

Light distribution files



LED XHP35.2 HI
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

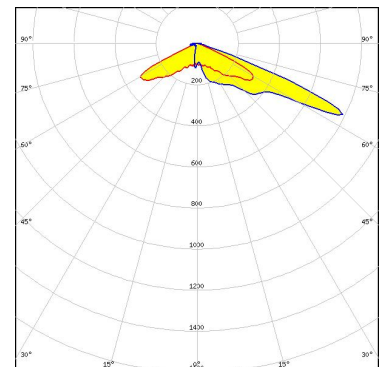


Light distribution files



LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

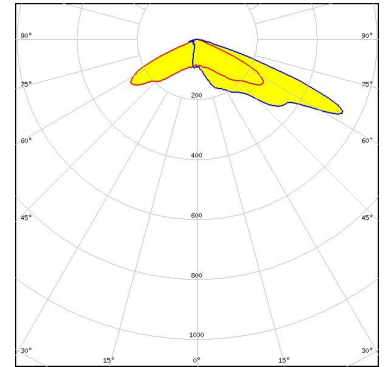
OPTICAL RESULTS (SIMULATED):



LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

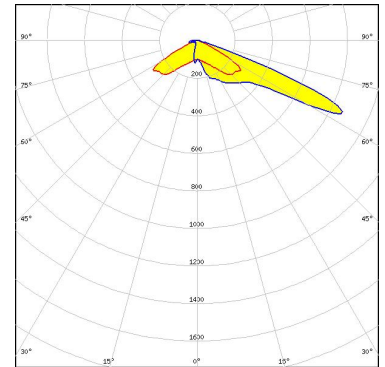
Protective plate, glass

Light distribution files



LED XP-G4
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

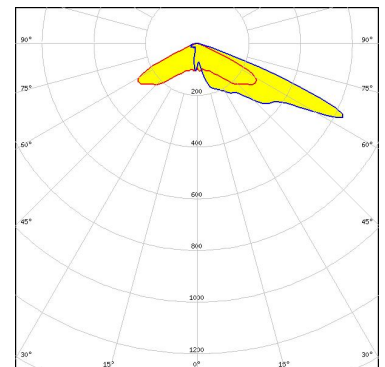
Light distribution files



LED XP-G4 HI
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

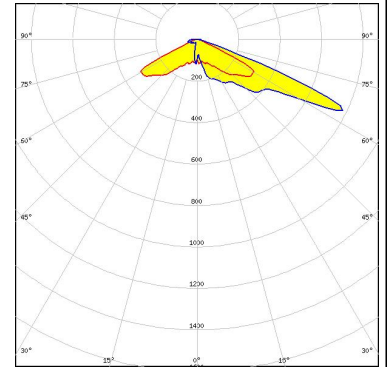
Light distribution files



OPTICAL RESULTS (SIMULATED):



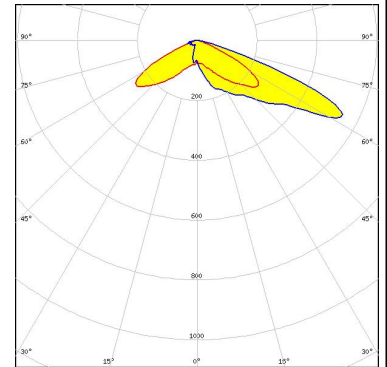
LED XP-G4 HI
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

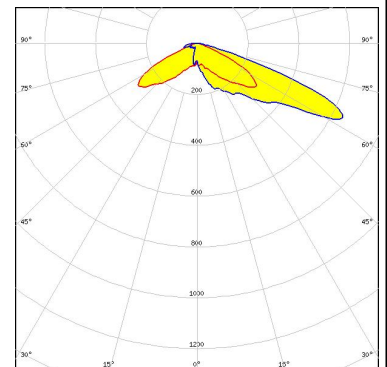


Protective plate, glass

Light distribution files



LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

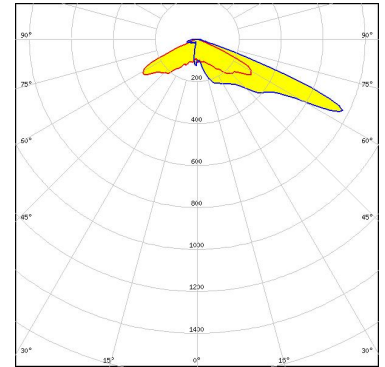


Light distribution files

OPTICAL RESULTS (SIMULATED):



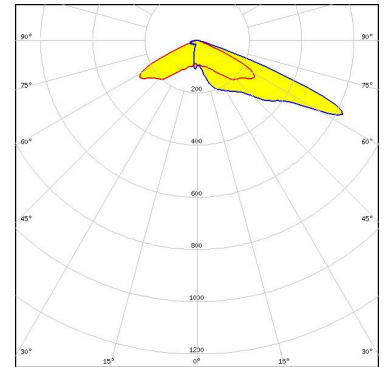
LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

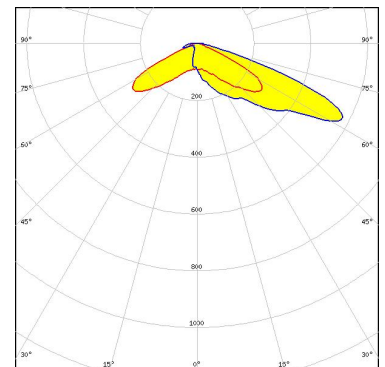


Protective plate, glass

Light distribution files



LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

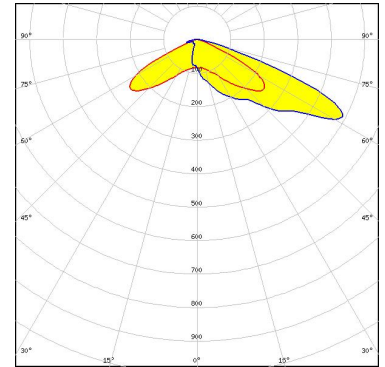
OPTICAL RESULTS (SIMULATED):



LED XP-L2
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

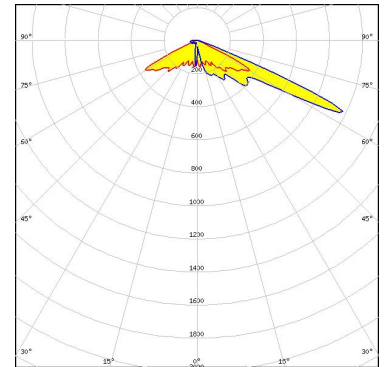
Protective plate, glass

Light distribution files



LED XP-P
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

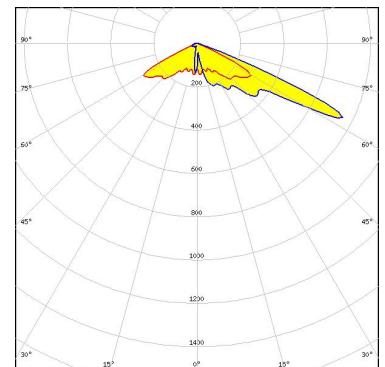
Light distribution files



LED XP-P
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files



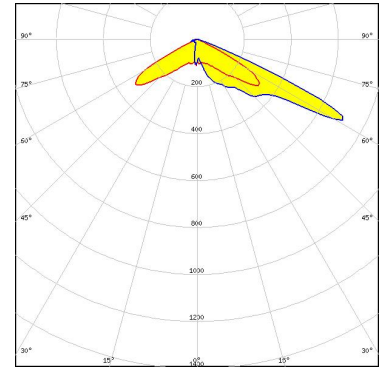
OPTICAL RESULTS (SIMULATED):



LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

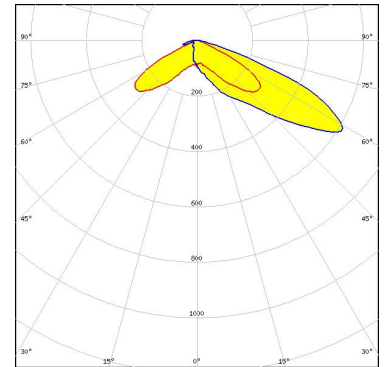
Protective plate, glass

Light distribution files



LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

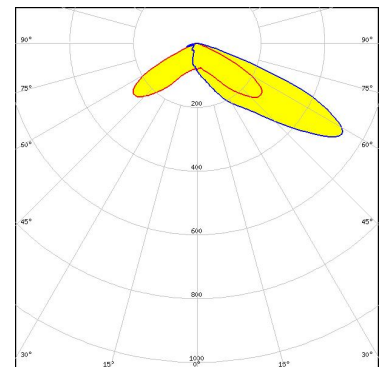
Light distribution files



LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files



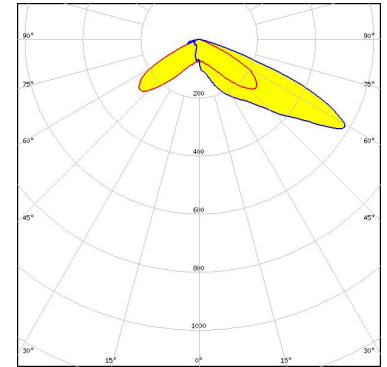
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

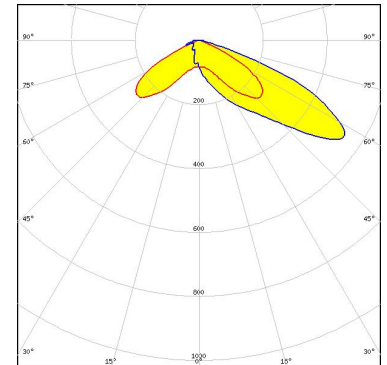
Light distribution files



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

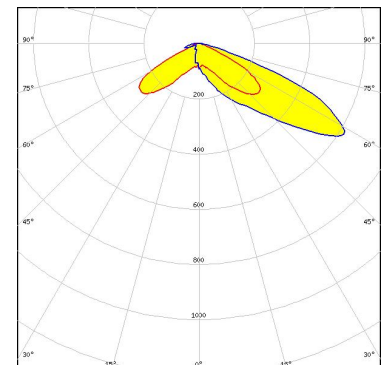
Protective plate, glass

Light distribution files



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

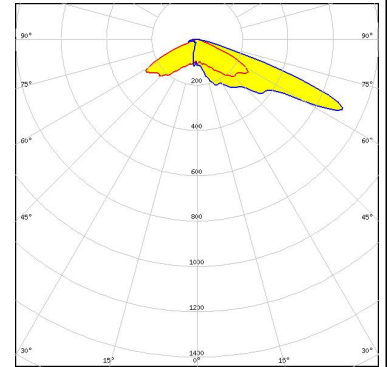
Light distribution files



OPTICAL RESULTS (SIMULATED):



LED LUXEON HL2X
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



[Light distribution files](#)



LED LUXEON HL4Z
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

[Light distribution files](#)



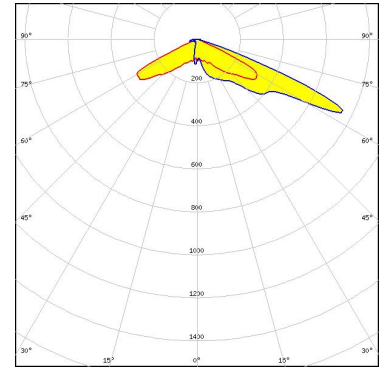
LED LUXEON HL4Z
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):



LED LUXEON TX
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

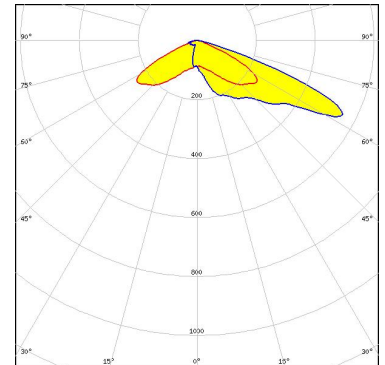


Light distribution files



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

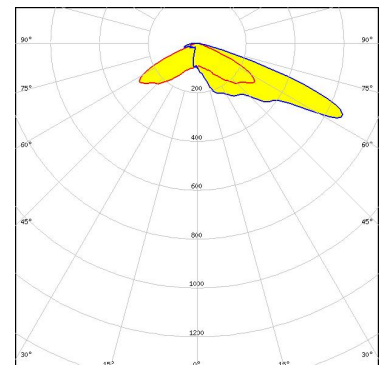
Protective plate, glass



Light distribution files



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



LED SST-20
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Protective plate, glass

Light distribution files

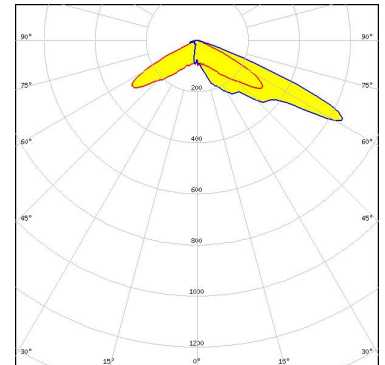


LED NF2x757G
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Protective plate, glass

Light distribution files

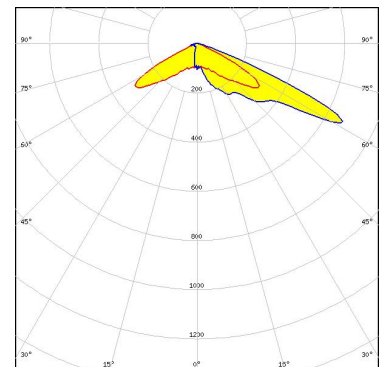


LED NFSx757G
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White

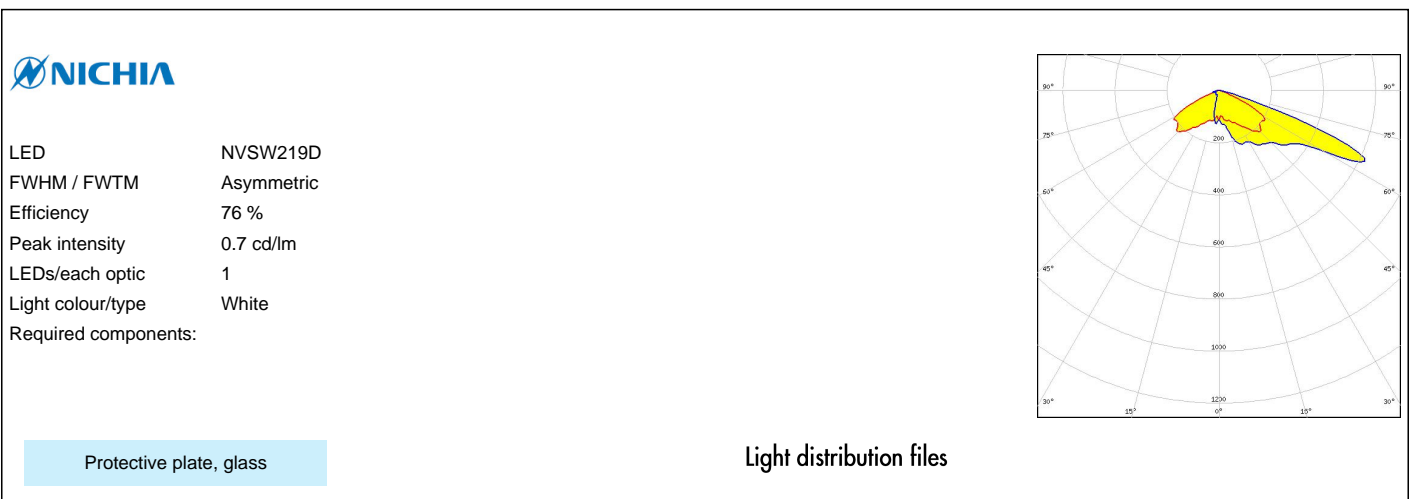
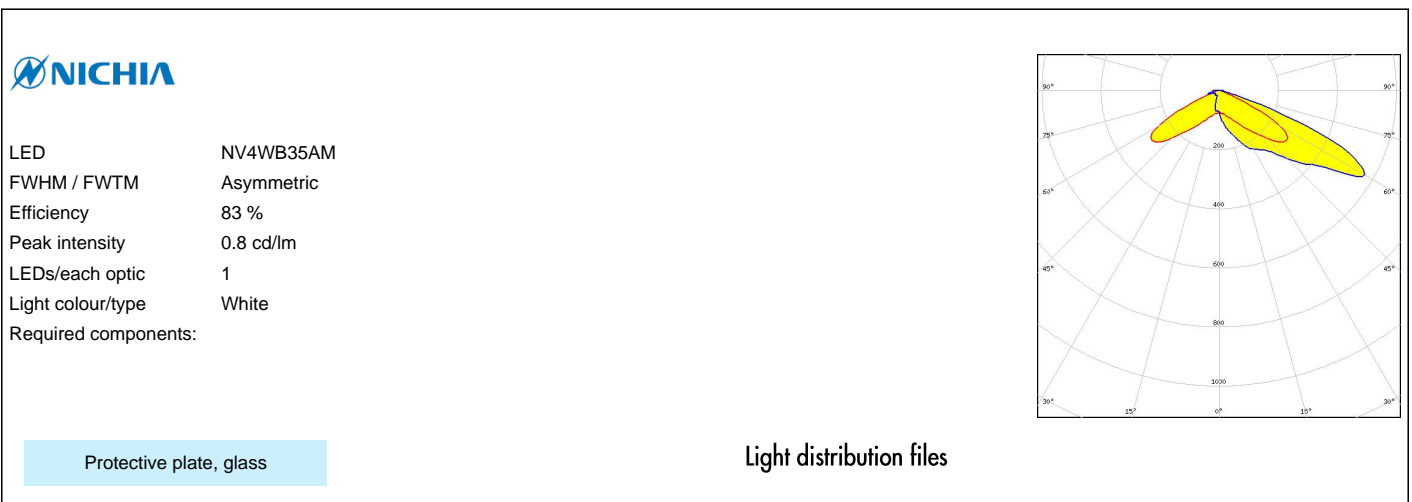
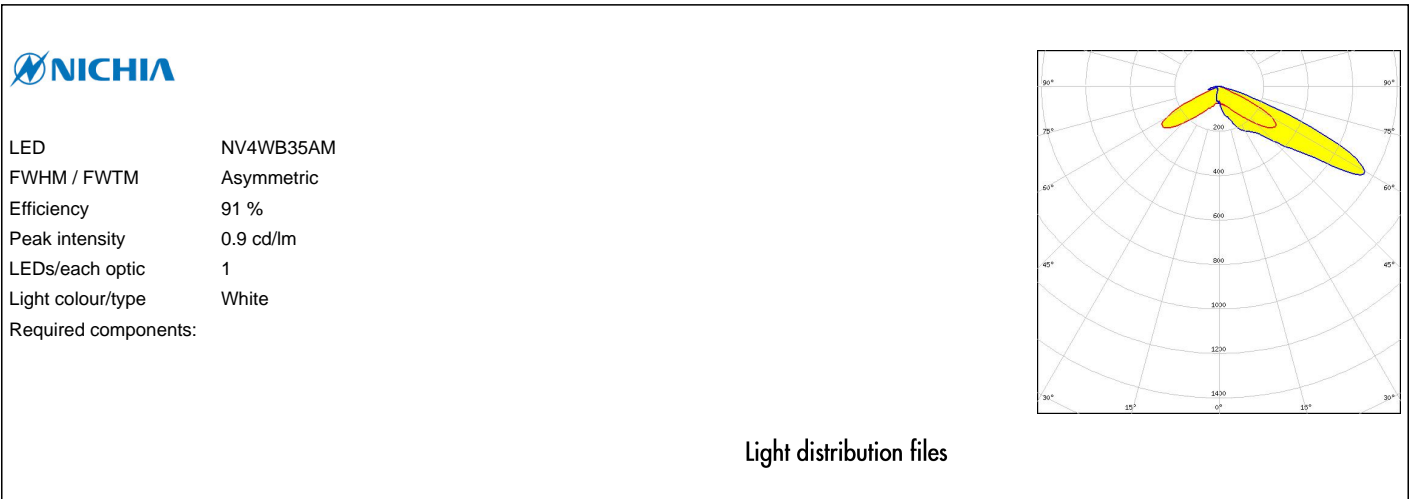
Required components:

Protective plate, glass

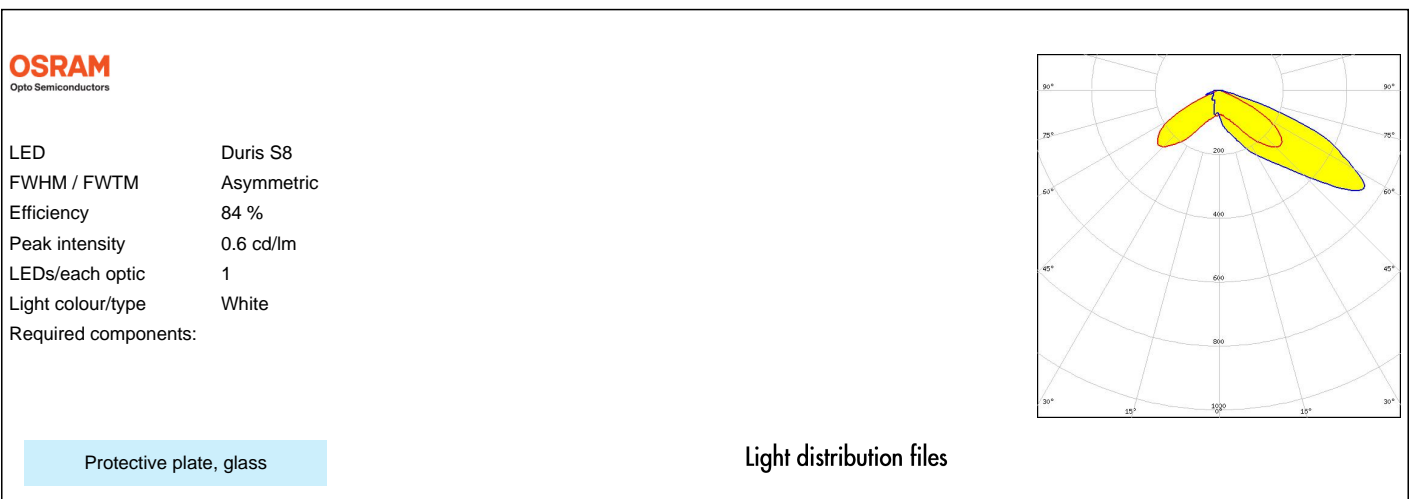
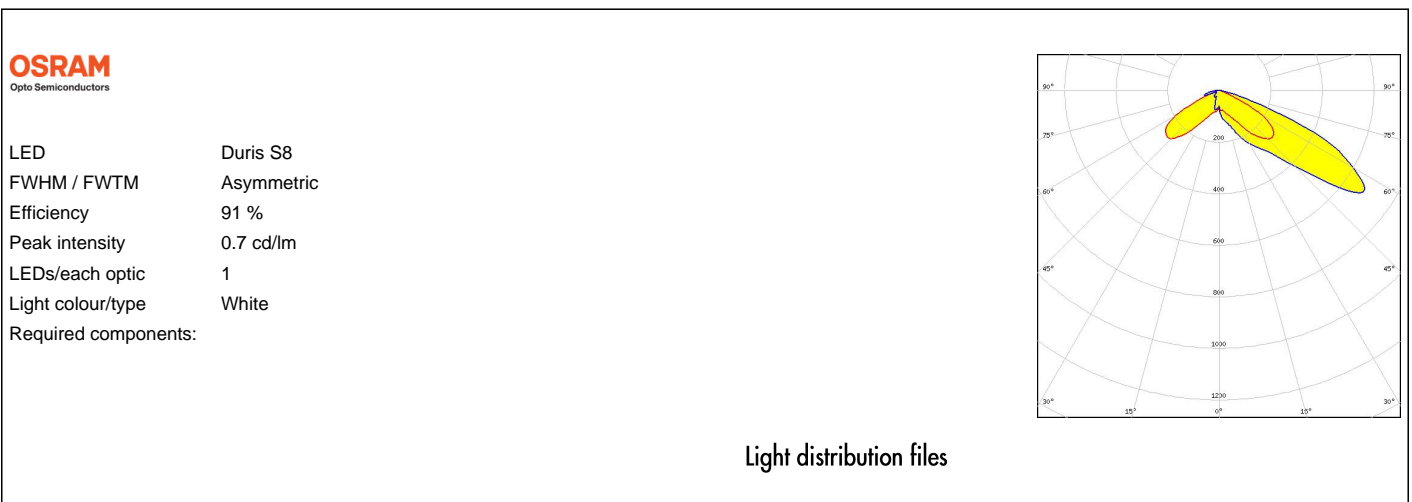
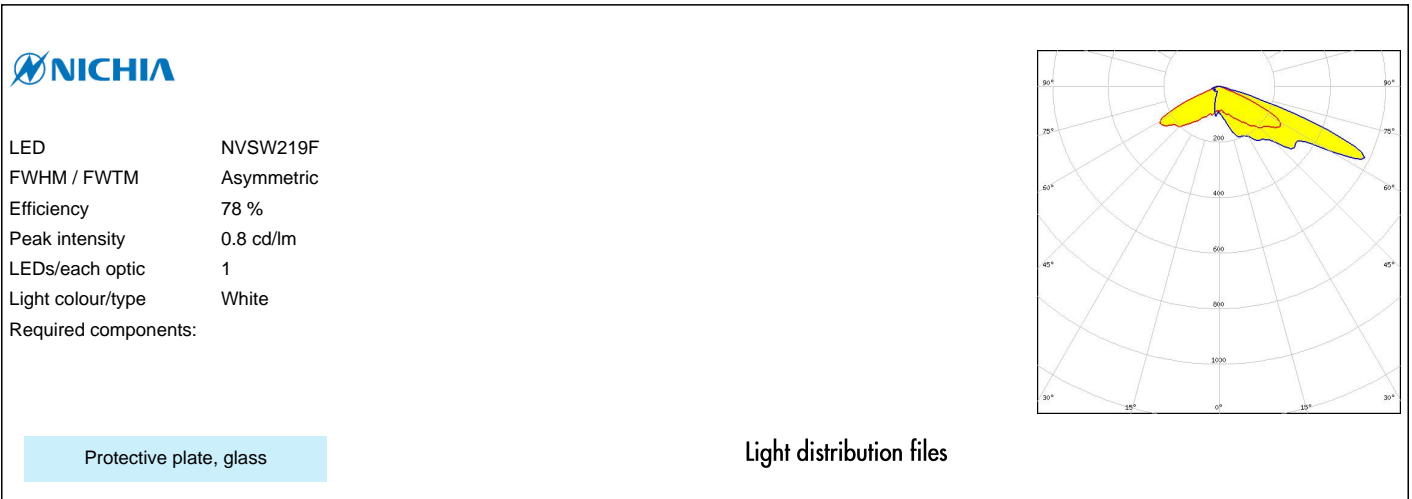
Light distribution files



OPTICAL RESULTS (SIMULATED):



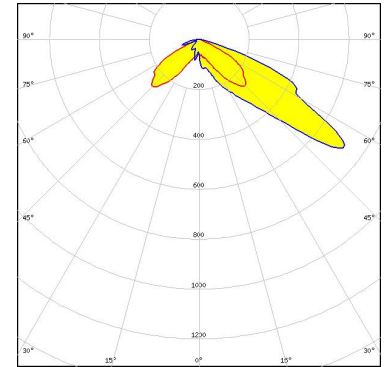
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

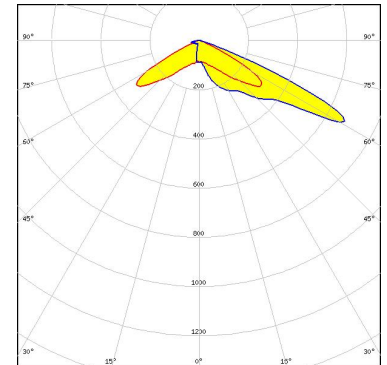
LED OSCONIQ C 2424
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

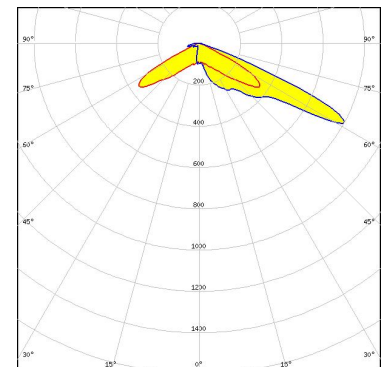


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



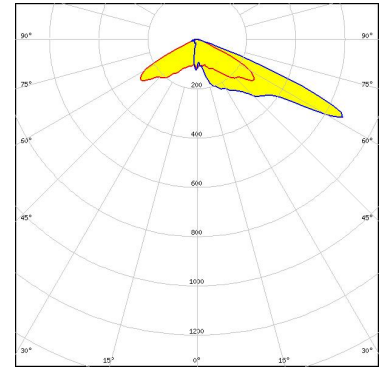
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

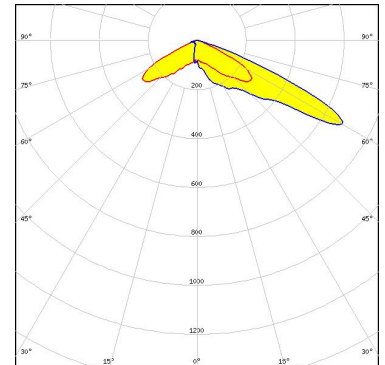


Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

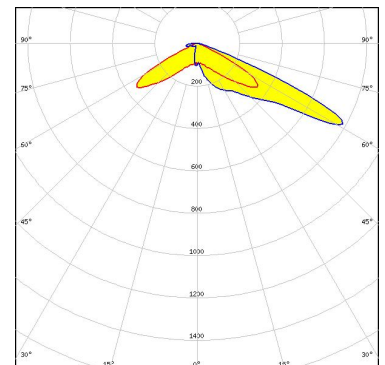
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 Flat
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

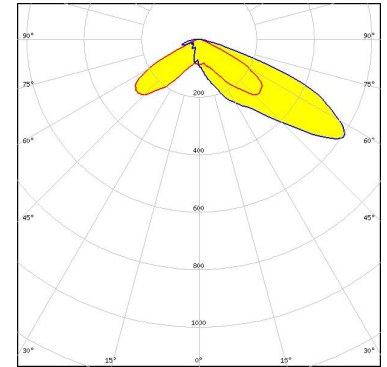


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

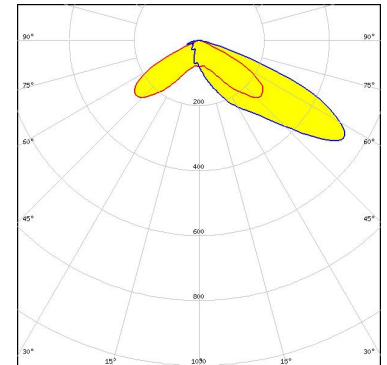
LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

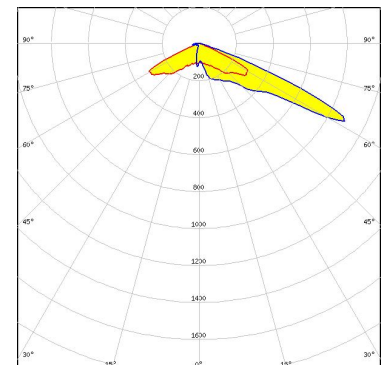


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

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



Light distribution files

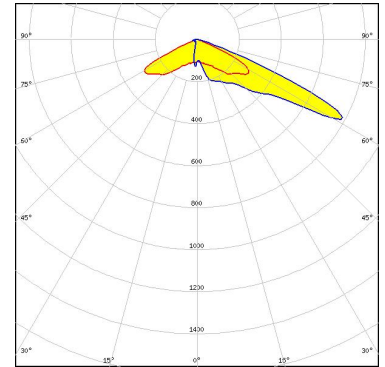
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

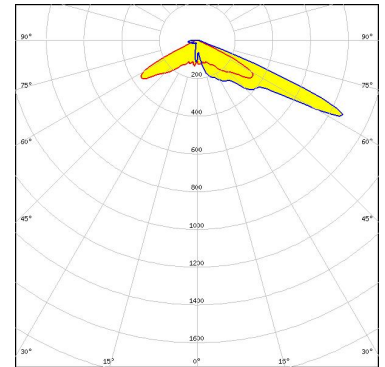
Light distribution files



OSRAM
Opto Semiconductors

LED OSLOM Square Flat
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

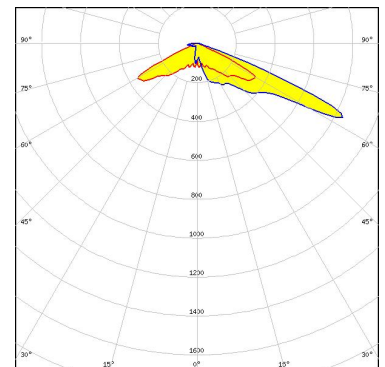
Light distribution files



OSRAM
Opto Semiconductors

LED OSTAR Projection Compact (KW.CSLNM1.TG)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



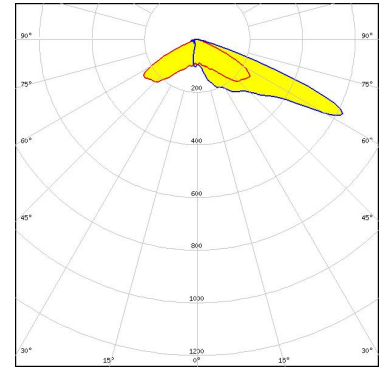
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files

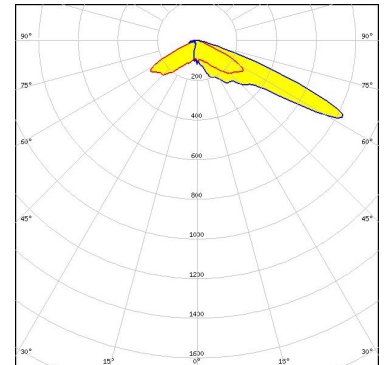


SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files

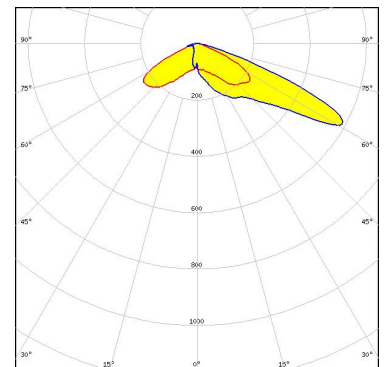


SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

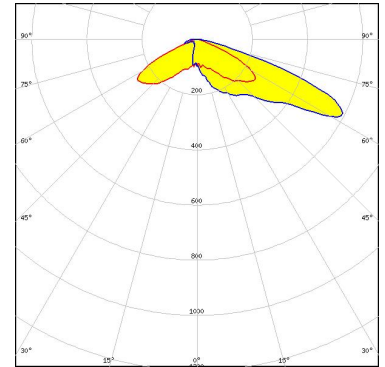
Light distribution files



OPTICAL RESULTS (SIMULATED):

SAMSUNG

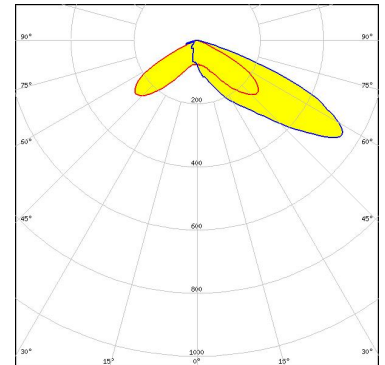
LED LH351D
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

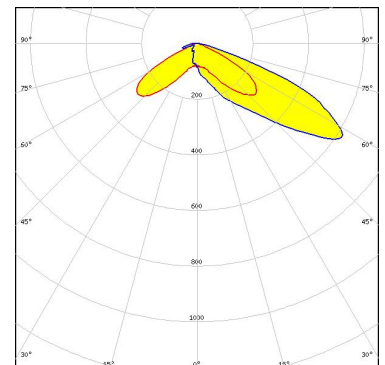
LED LH502C
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

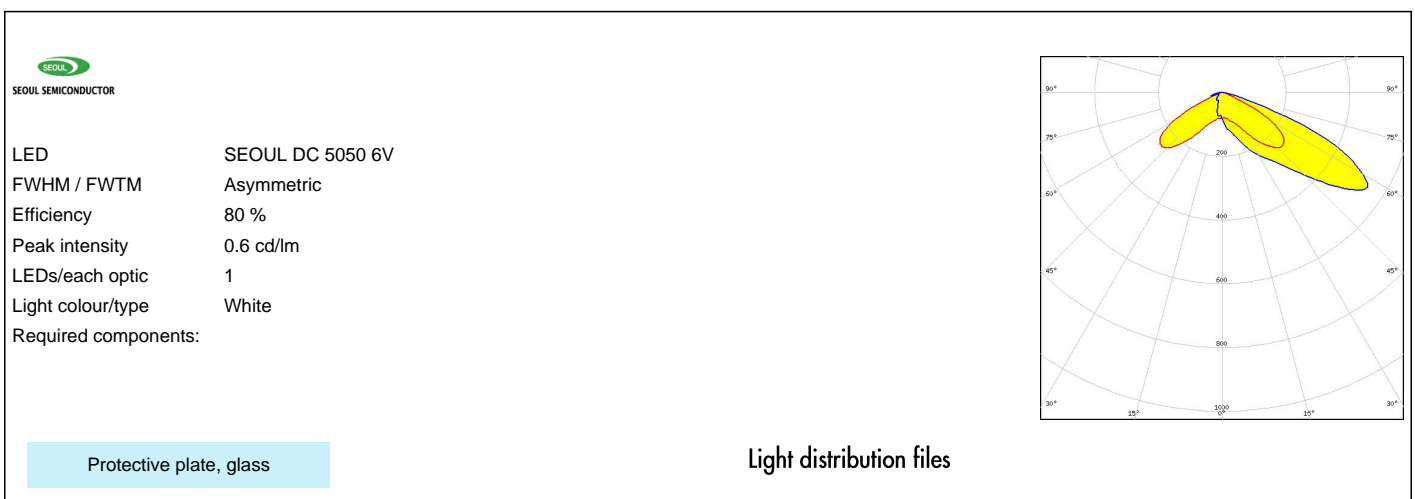
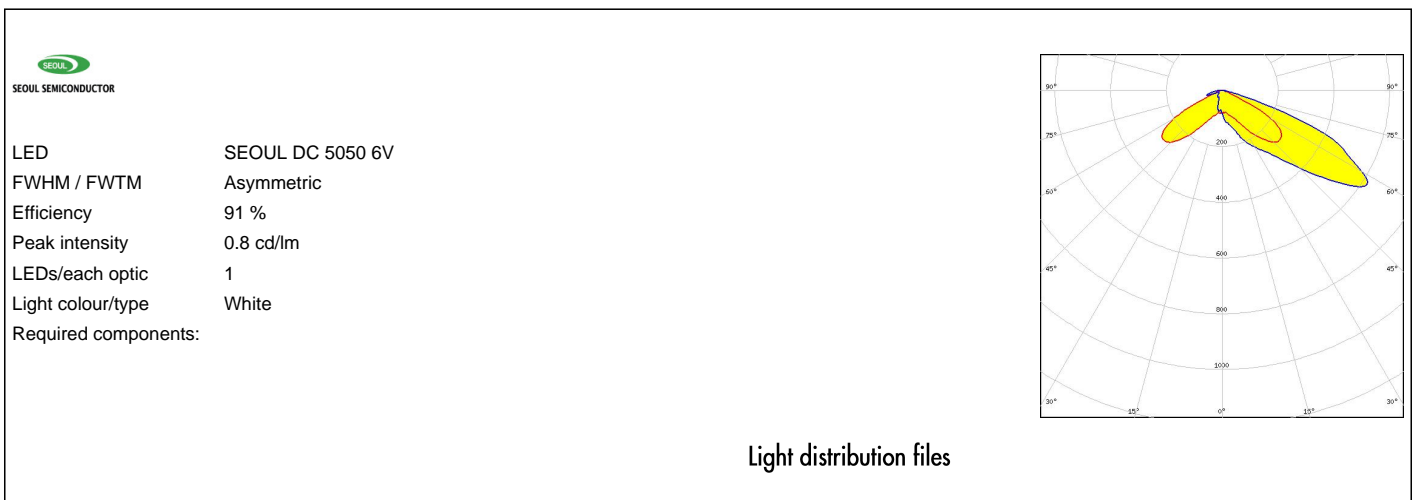
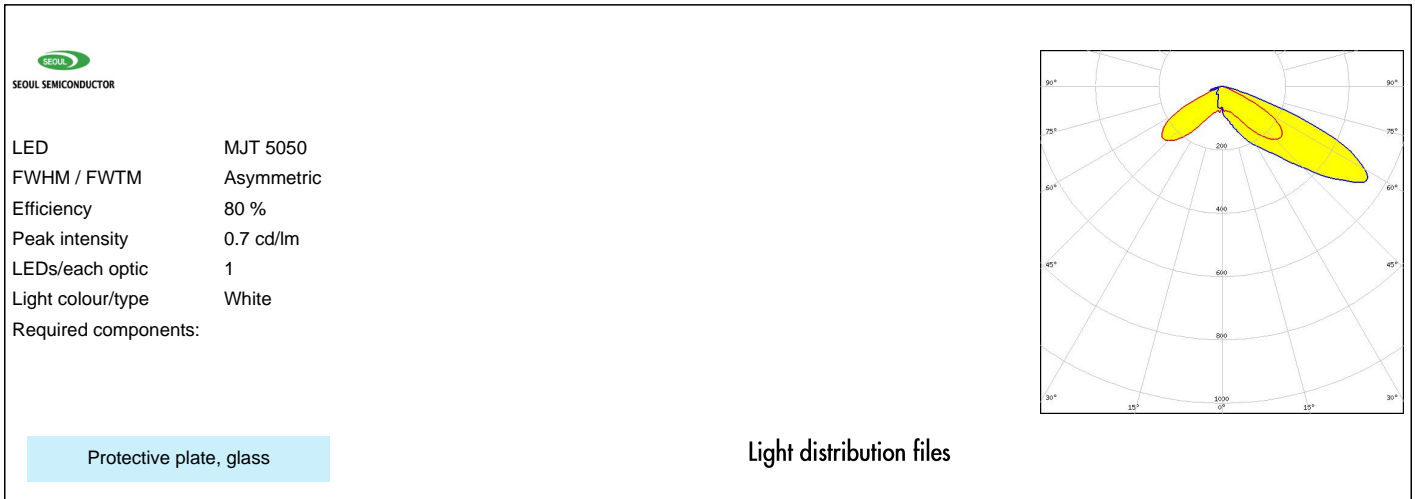
SAMSUNG

LED LH502C
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

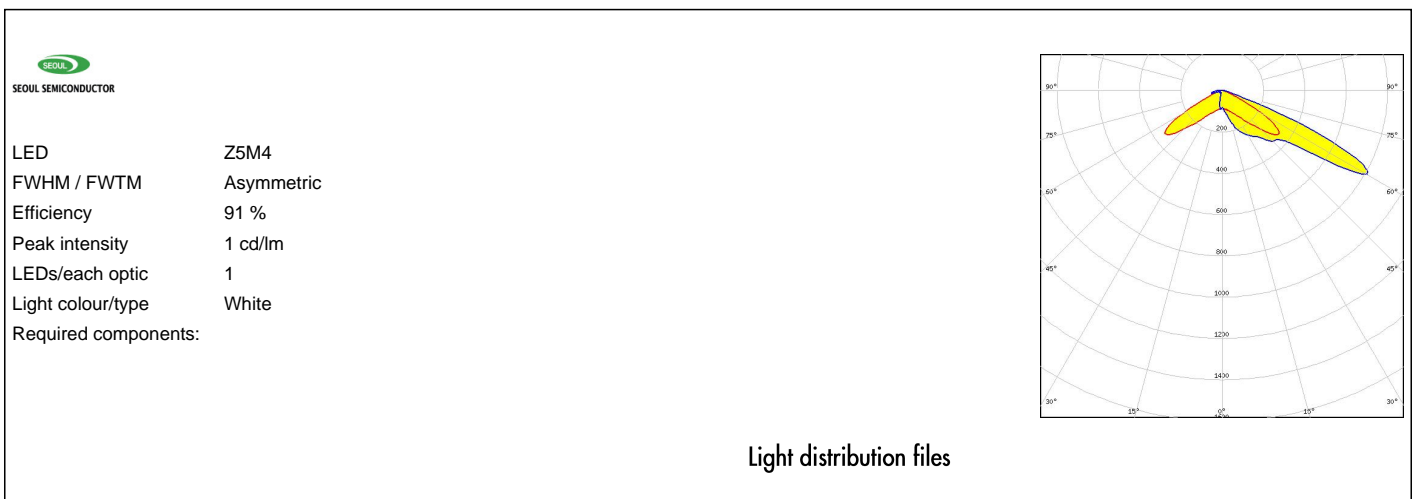
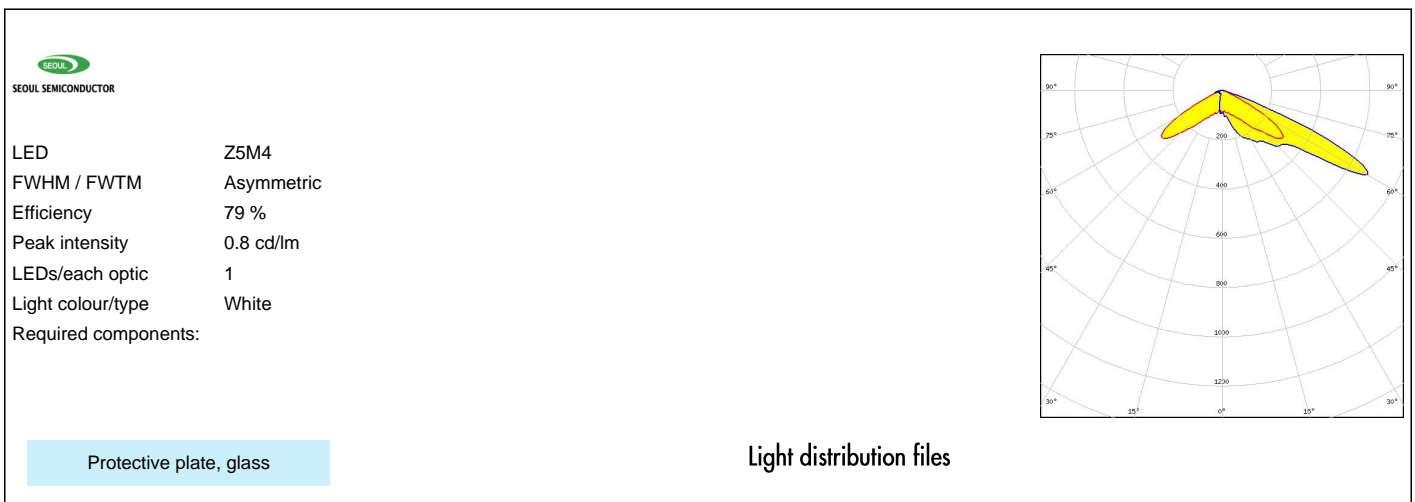
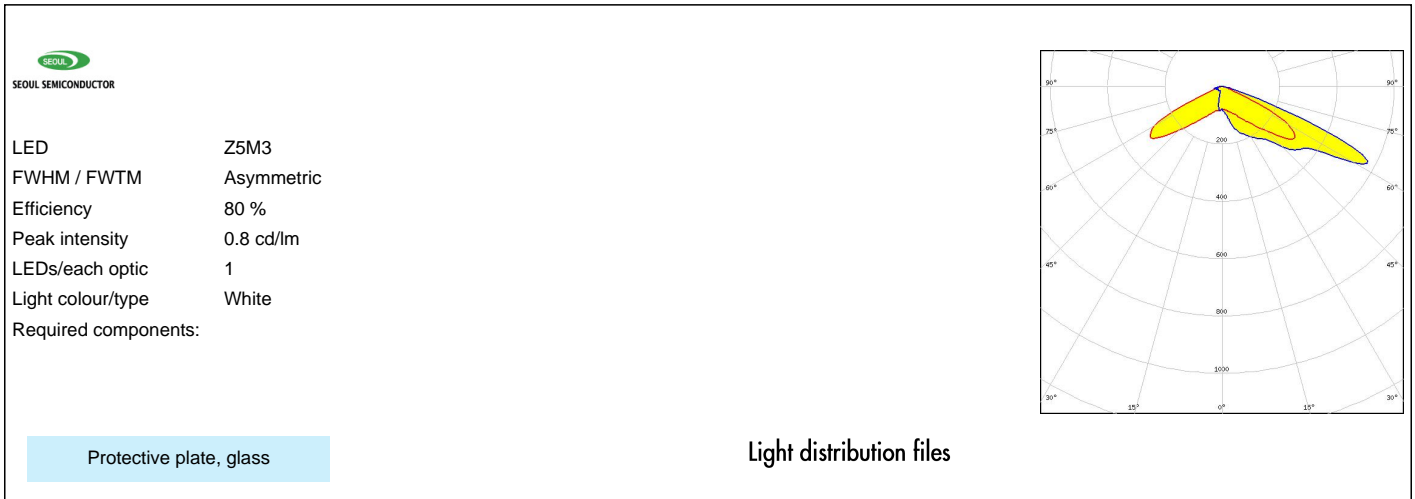


Light distribution files

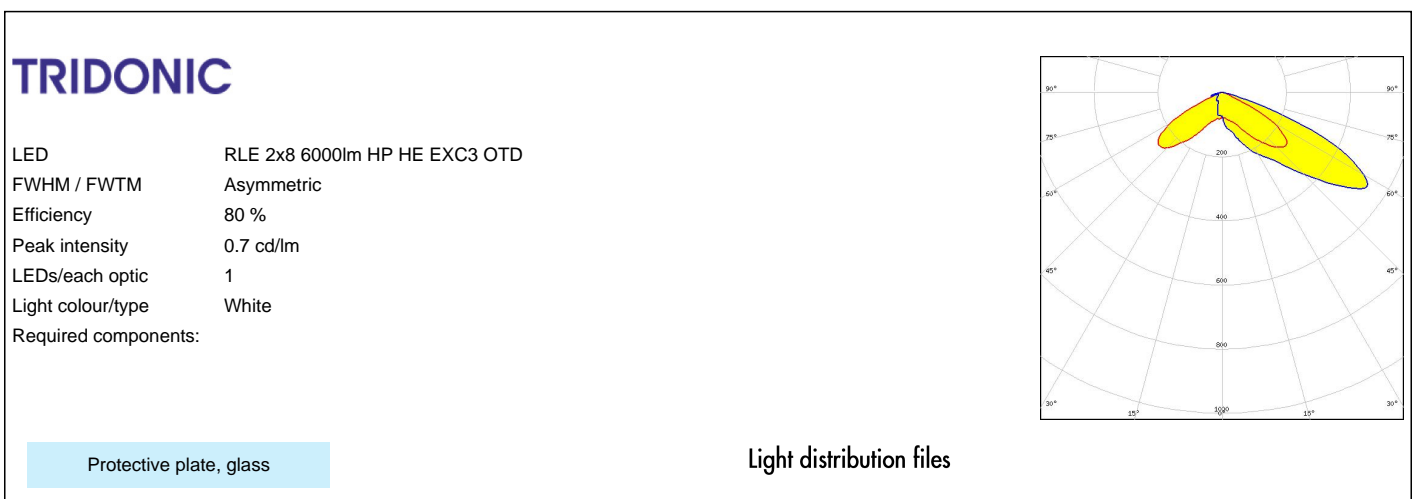
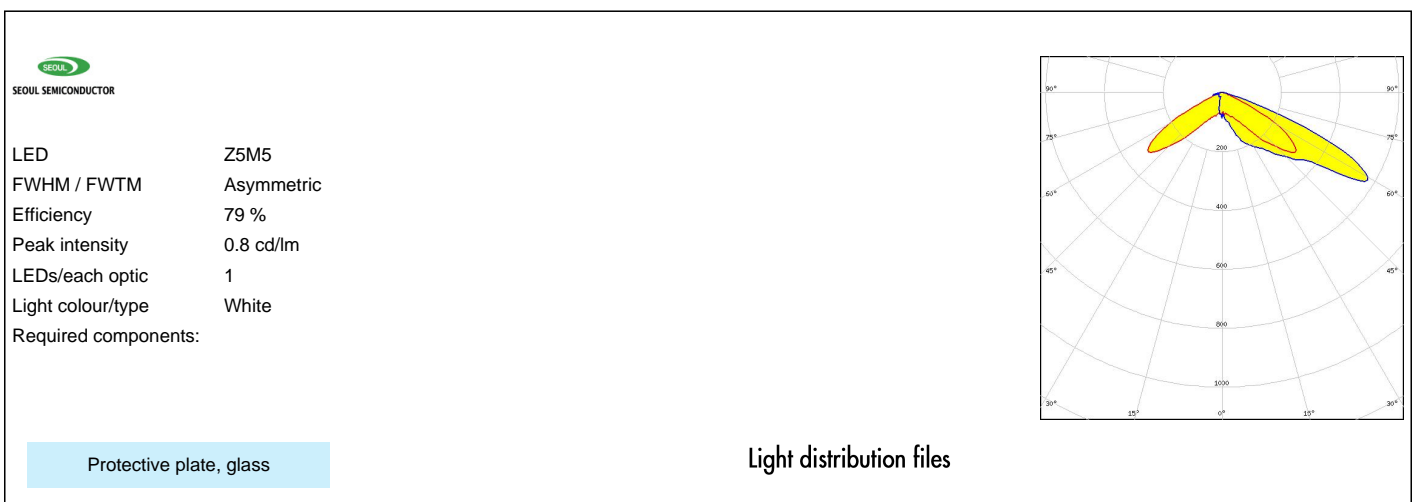
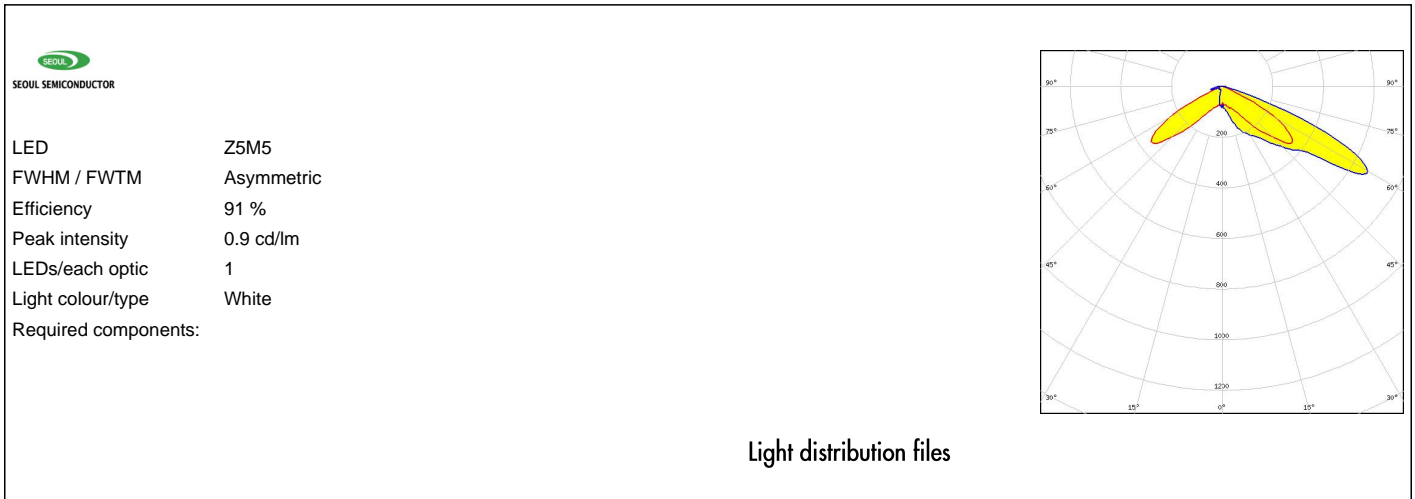
OPTICAL RESULTS (SIMULATED):



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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