

SPORT-2X2-S4

Slightly asymmetric ~40° spot beam with minimum spill light

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	14.4 mm
Fastening	screw
ROHS compliant	yes ⓘ

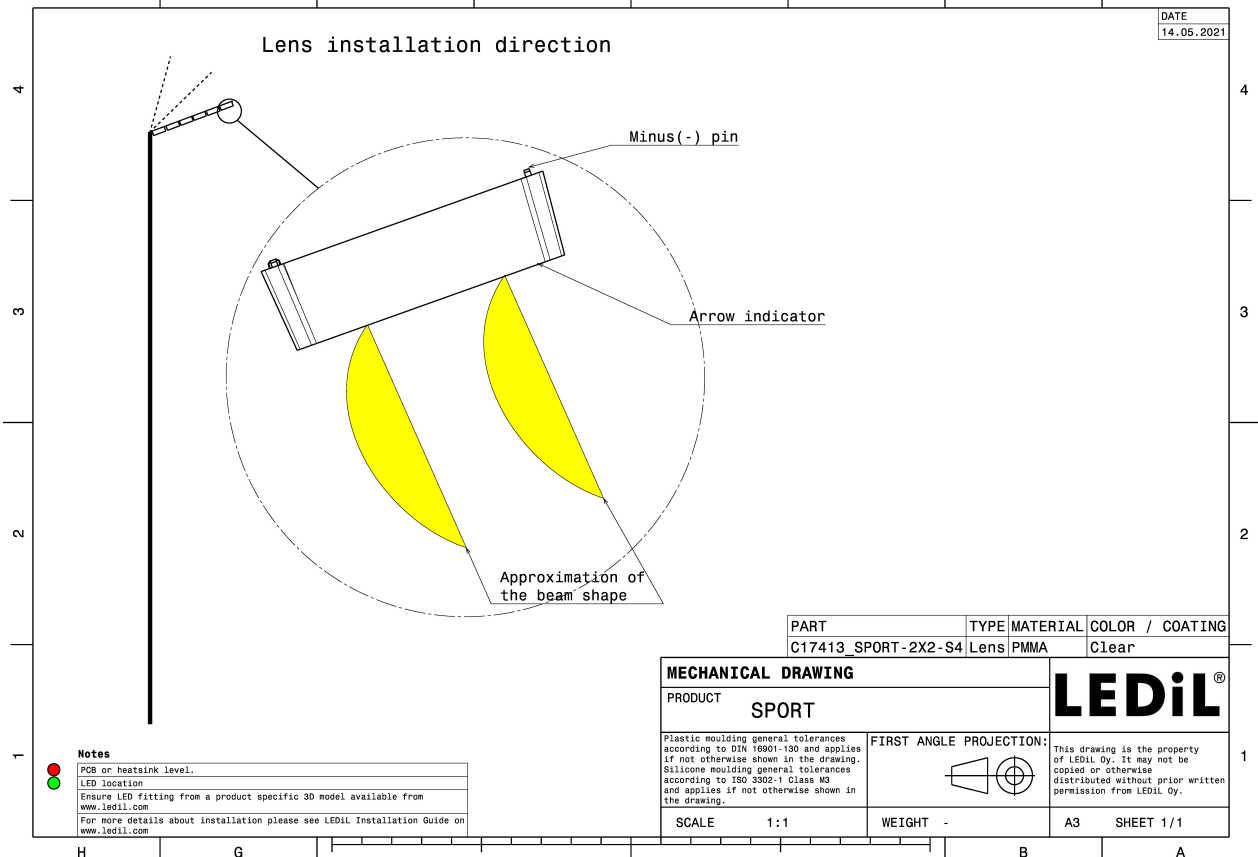
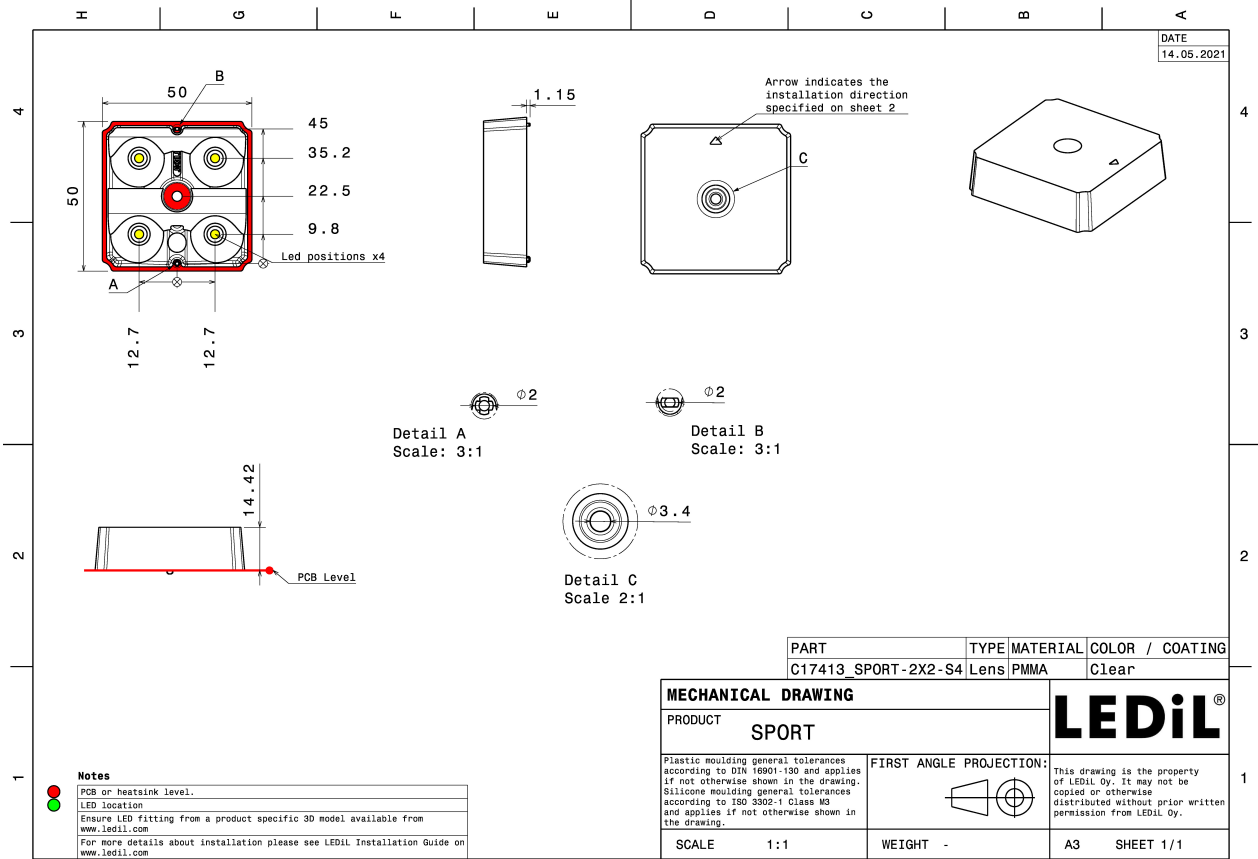


MATERIALS:

Component	Type	Material	Colour	Finish	Length
SPORT-2X2-S4	Multi-lens	PMMA	clear		50.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17413_SPORT-2X2-S4 » Box size: 480 x 280 x 300 mm	476	140	28	10.2

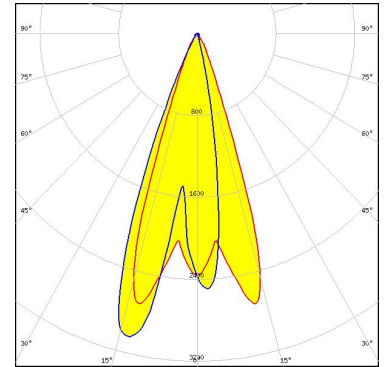


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



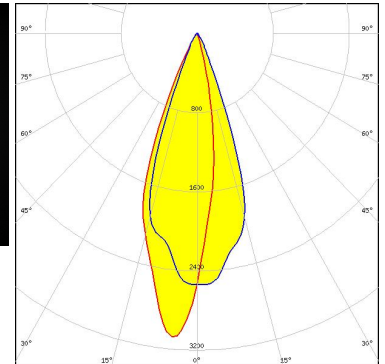
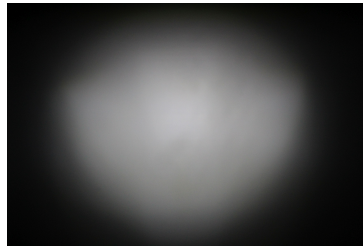
LED XP-G4
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NV4WB35AM
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

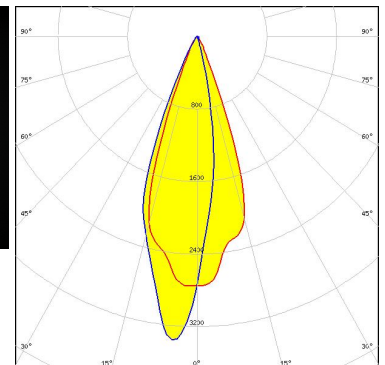
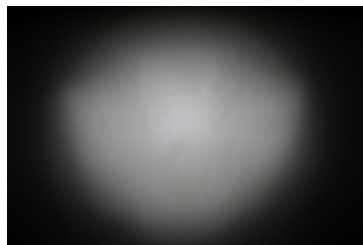


Protective plate, glass

Light distribution files



LED NV4WB35AM
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

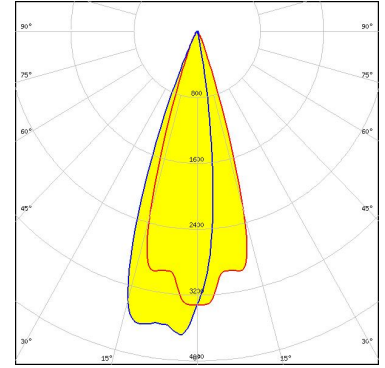


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

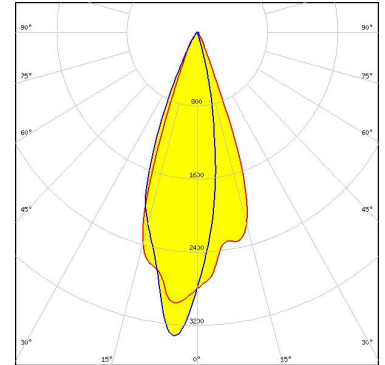
LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

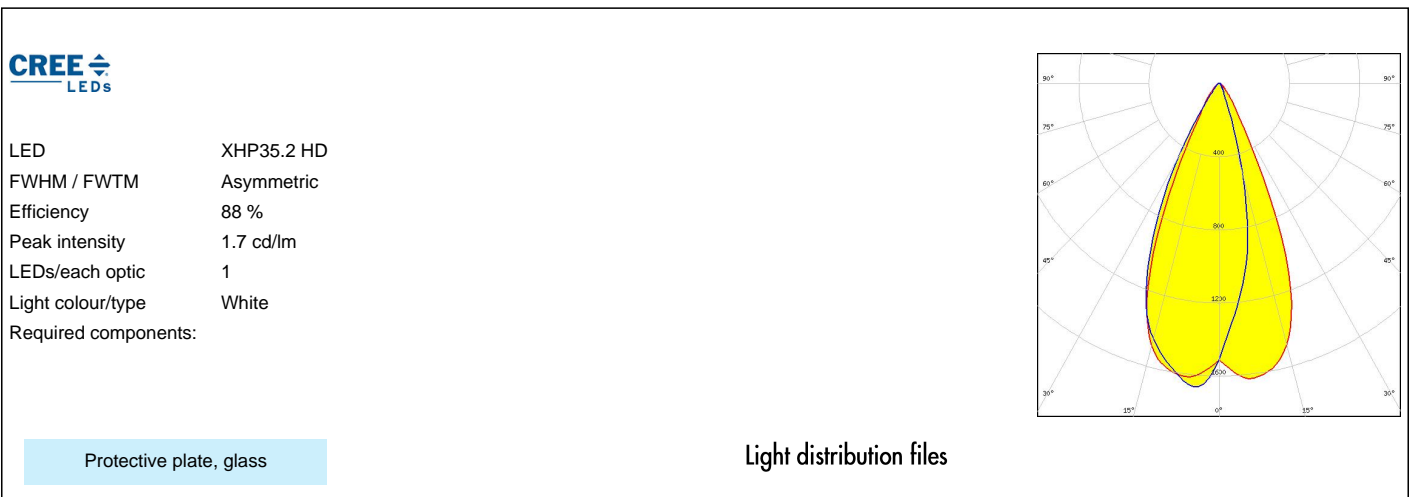
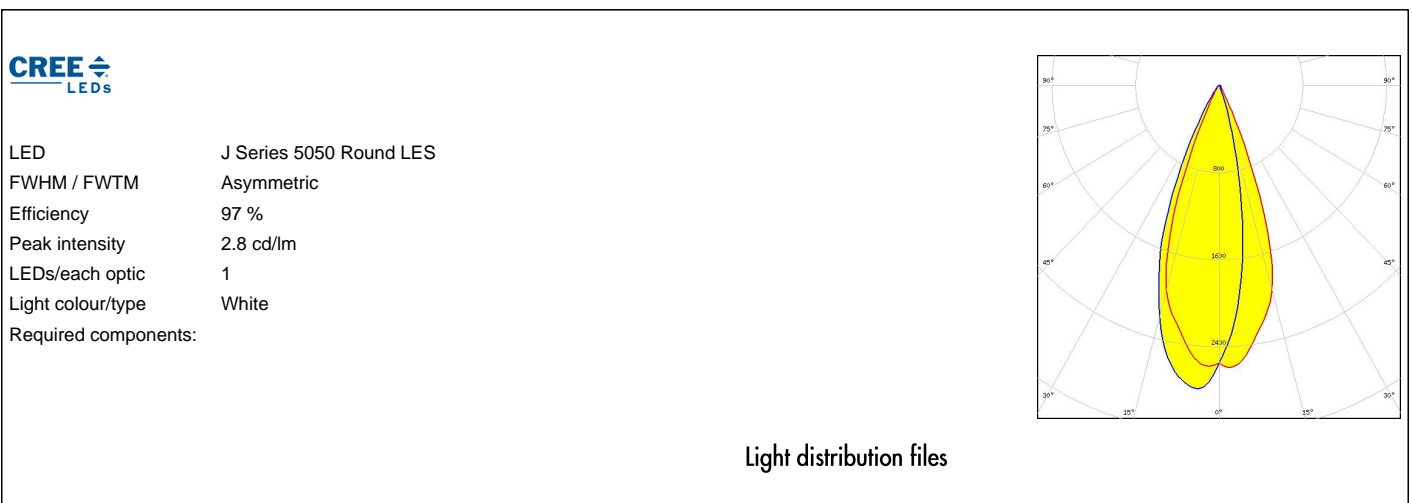
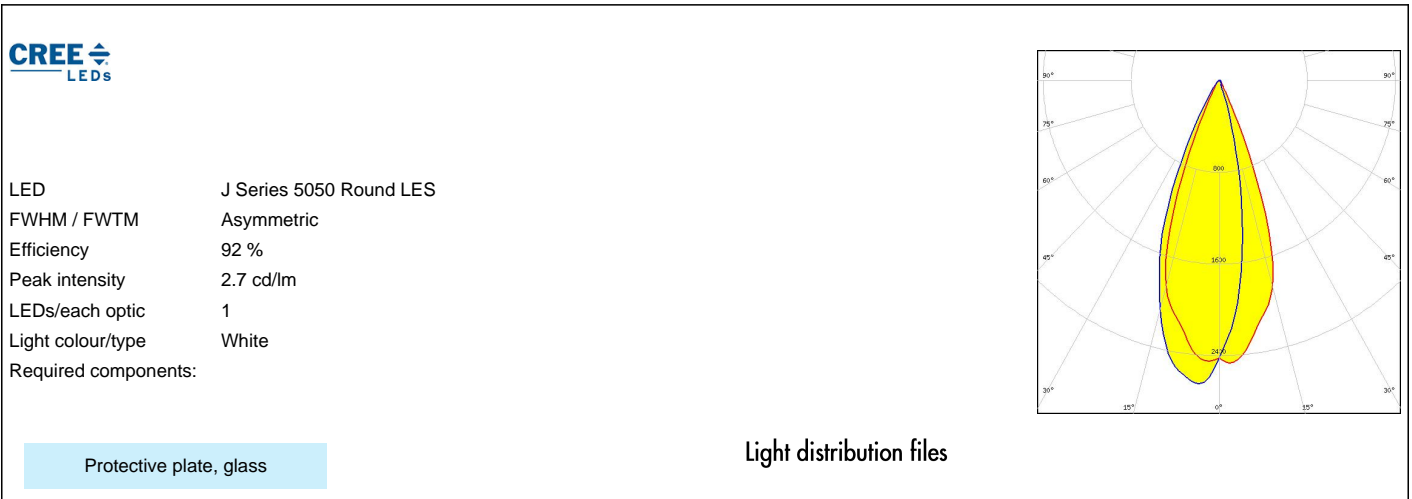
TEPCOMP
group

LED PassivePAQ-R-274x51-NI0-21K-857-5
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

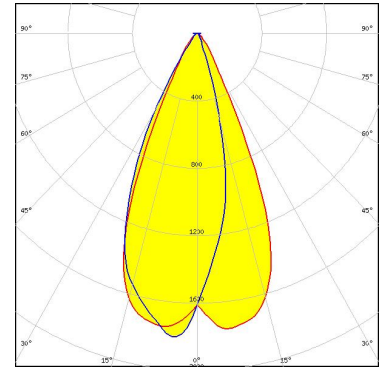
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):



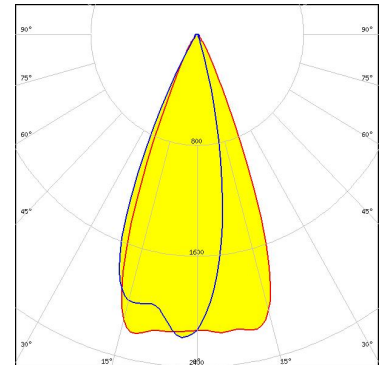
LED XHP35.2 HD
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



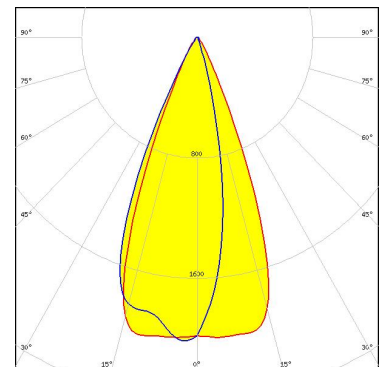
LED XHP35.2 HI
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP35.2 HI
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Protective plate, glass

Light distribution files

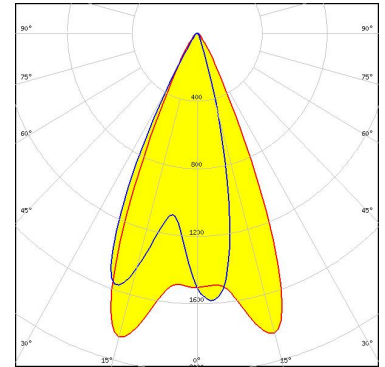
OPTICAL RESULTS (SIMULATED):



LED XM-L3
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

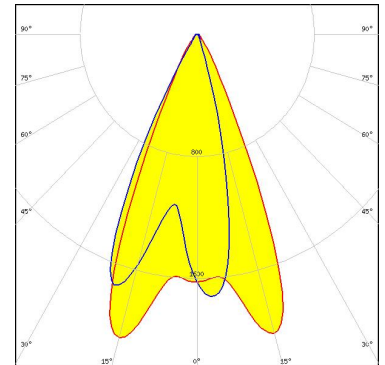
Protective plate, glass

Light distribution files



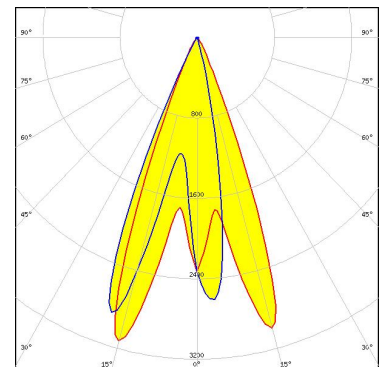
LED XM-L3
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



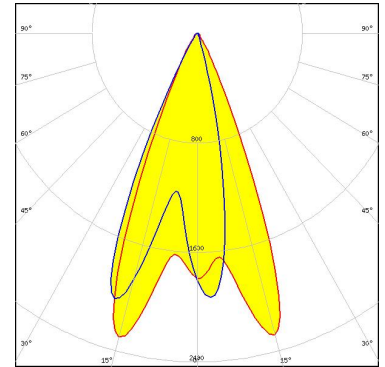
OPTICAL RESULTS (SIMULATED):



LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

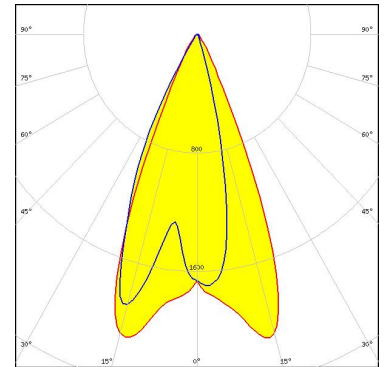
Light distribution files



LED XP-L HD
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

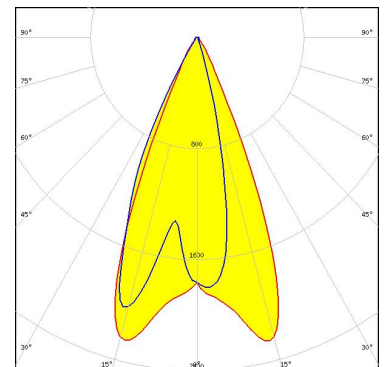
Protective plate, glass

Light distribution files



LED XP-L HD
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

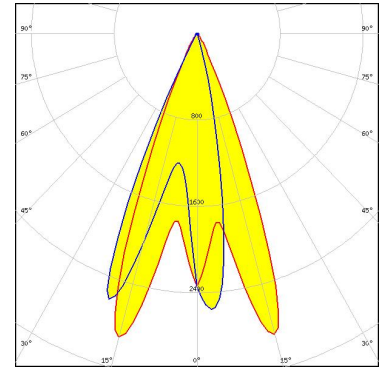
Light distribution files



OPTICAL RESULTS (SIMULATED):



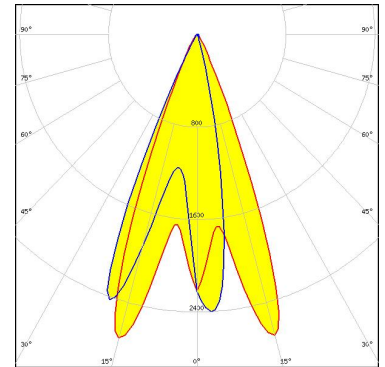
LED XP-L HI
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L HI
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

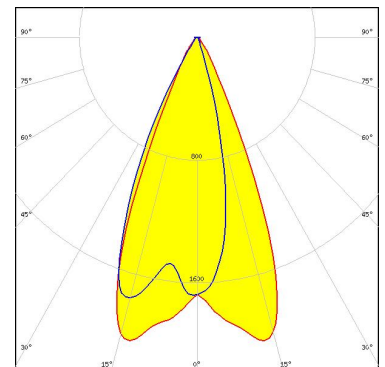


Protective plate, glass

Light distribution files



LED XP-L2
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

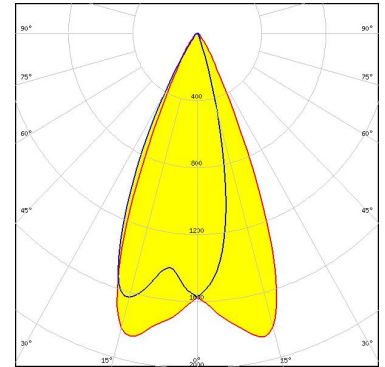
OPTICAL RESULTS (SIMULATED):



LED XP-L2
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

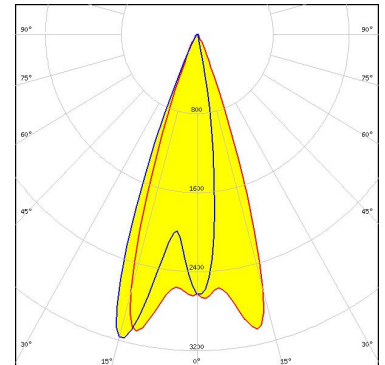
Protective plate, glass

Light distribution files



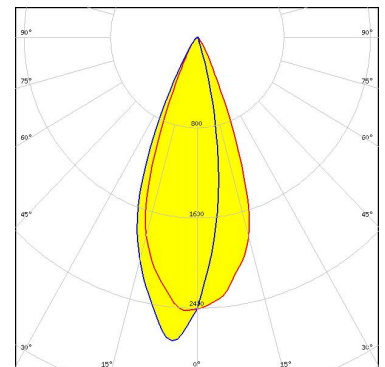
LED LUXEON 3030 2D (Round LES)
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

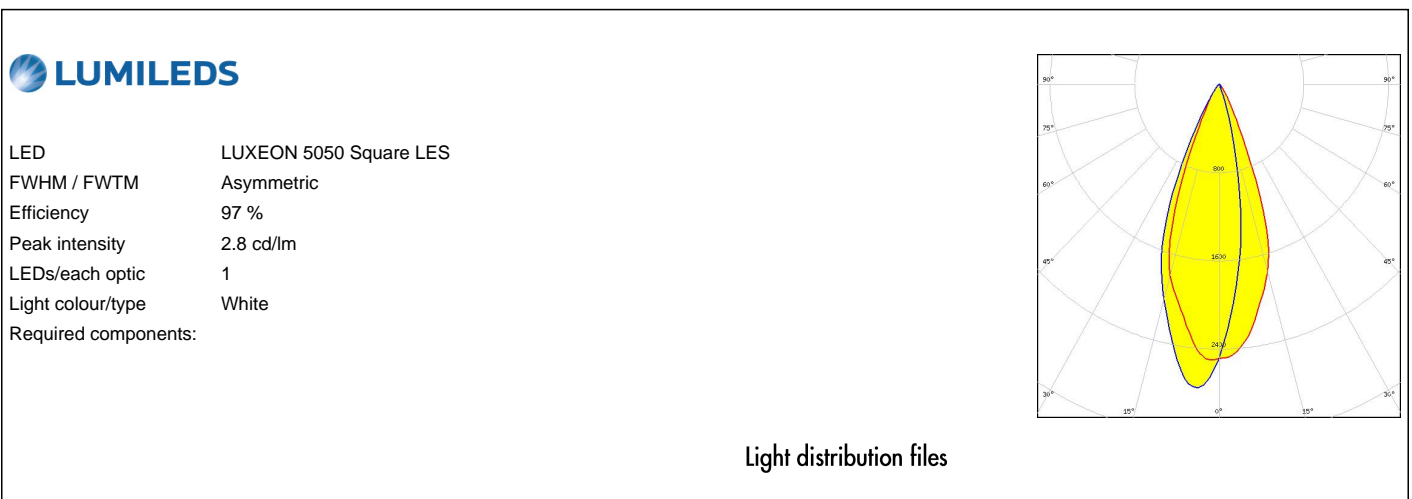
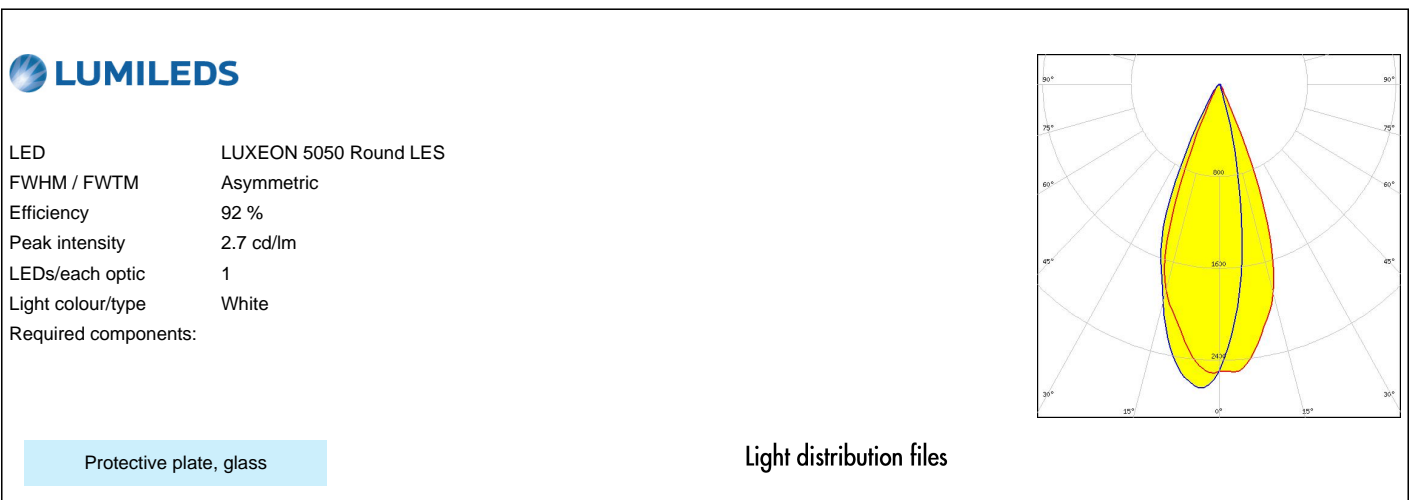
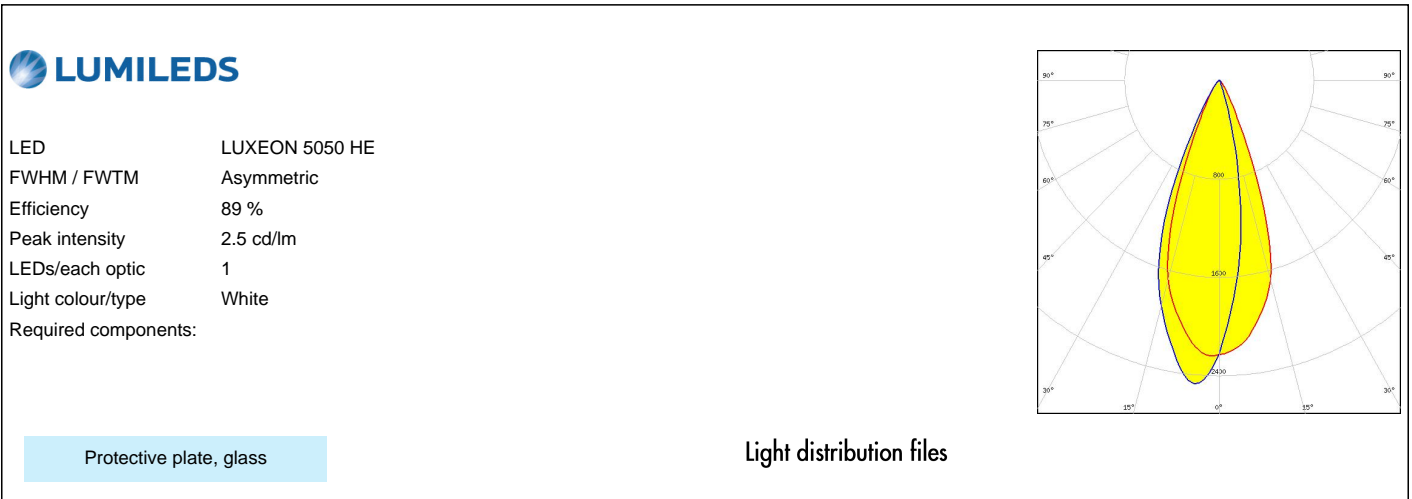


LED LUXEON 5050 HE
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



OPTICAL RESULTS (SIMULATED):



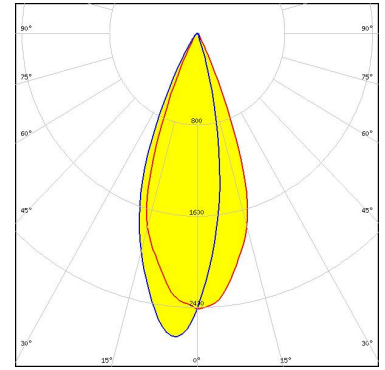
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

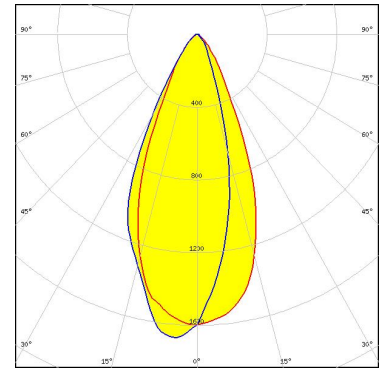
Protective plate, glass

Light distribution files



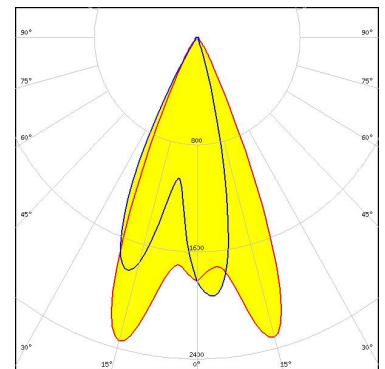
LED LUXEON 7070
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



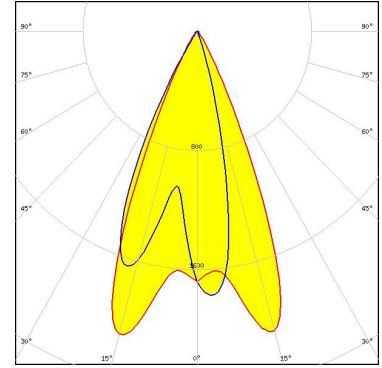
OPTICAL RESULTS (SIMULATED):



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

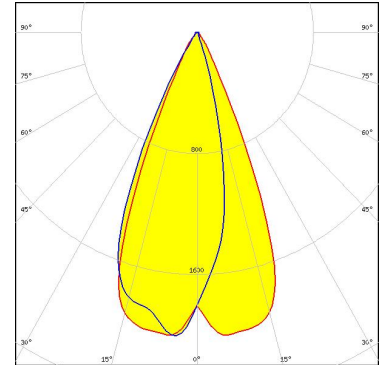
Protective plate, glass

Light distribution files



LED SST-70X-WCS
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

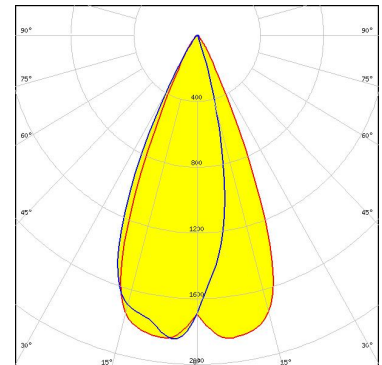
Light distribution files



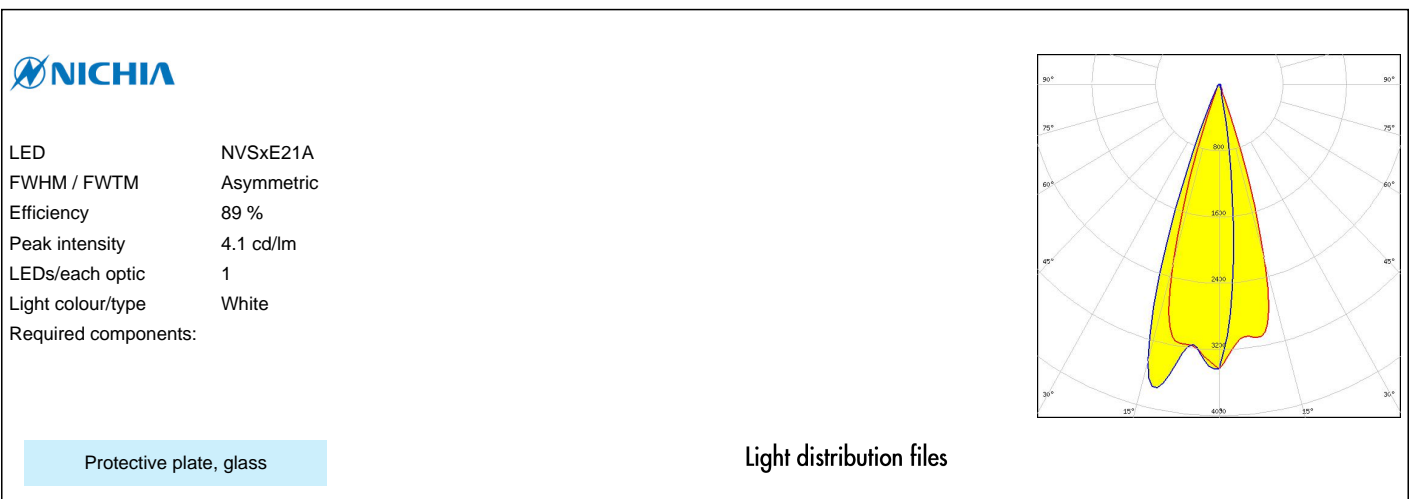
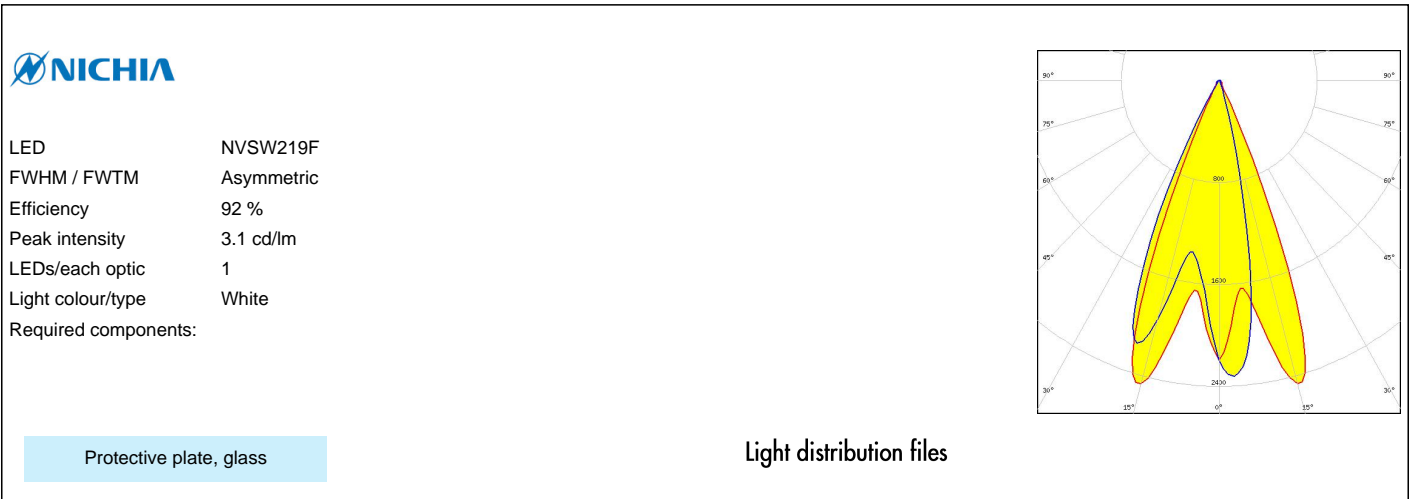
LED SST-70X-WCS
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files



OPTICAL RESULTS (SIMULATED):

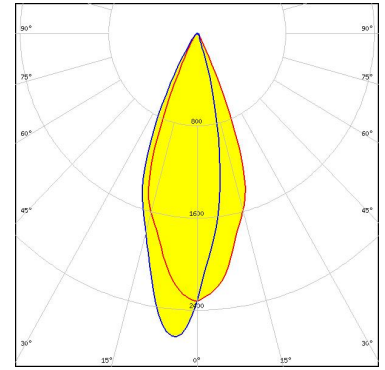


OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED Duris S8
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.1 %
 Required components:

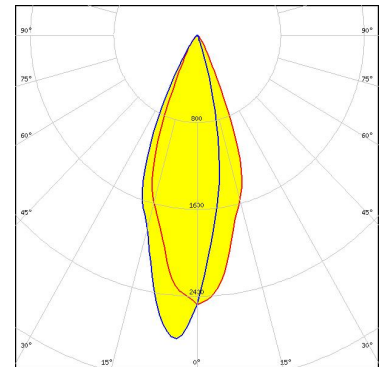
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

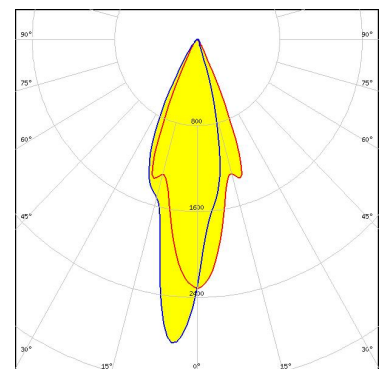
LED Duris S8
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



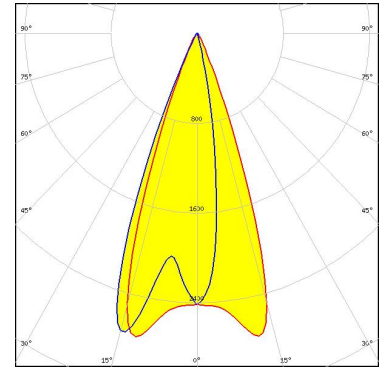
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

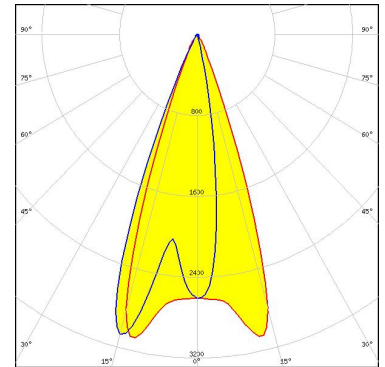
LED OSCONIQ C 3030
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



OSRAM
Opto Semiconductors

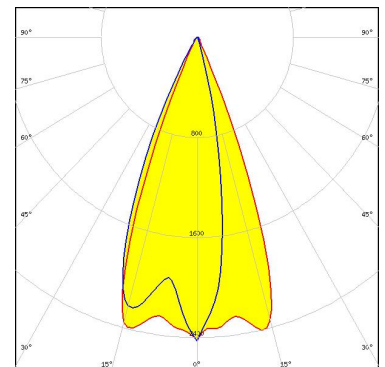
LED OSCONIQ C 3030
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

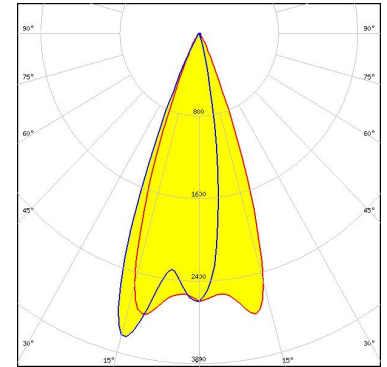


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

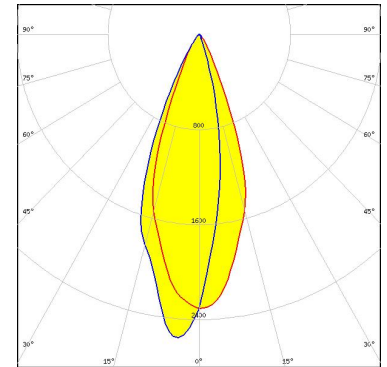
LED OSCONIQ P 3737 Flat
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

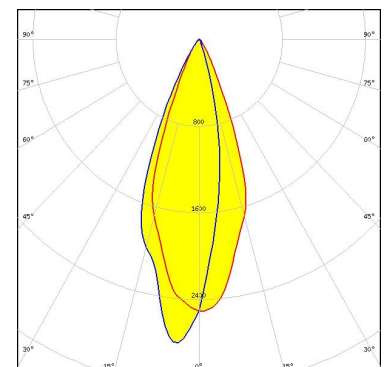


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

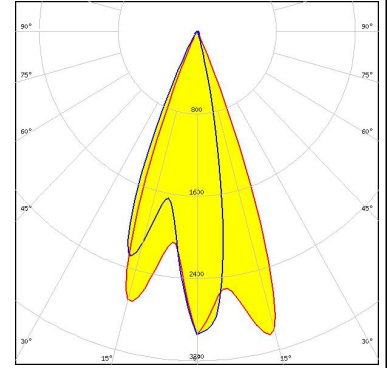
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

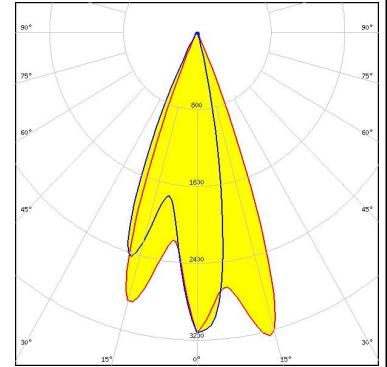
Light distribution files



OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

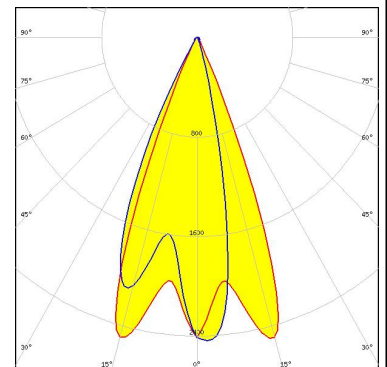


SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files



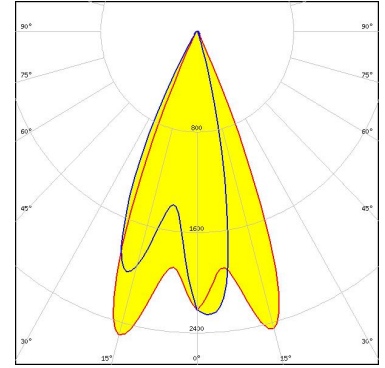
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files

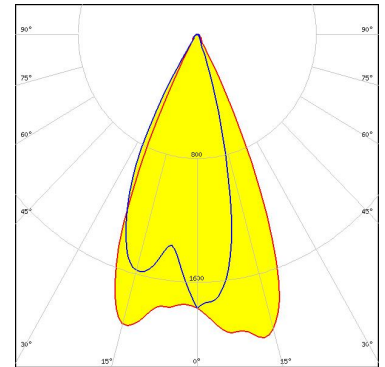


SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

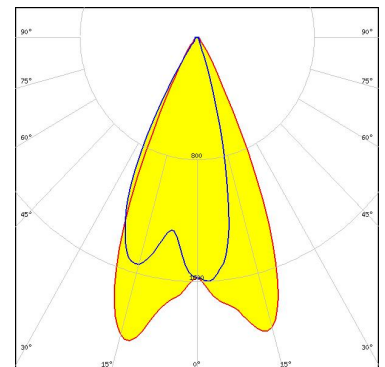
Light distribution files



SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



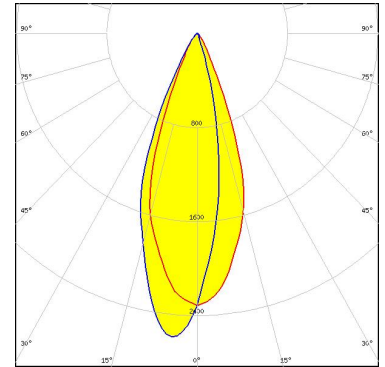
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH502C
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

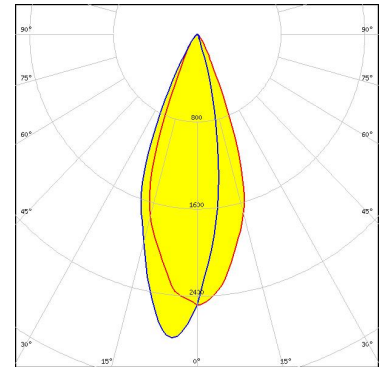
Light distribution files



SAMSUNG

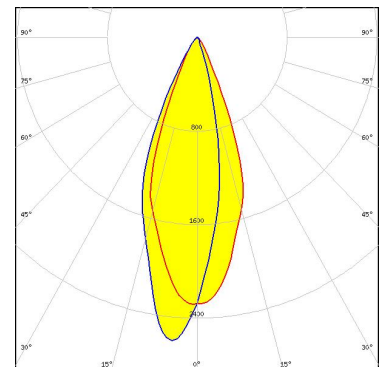
LED LH502C
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

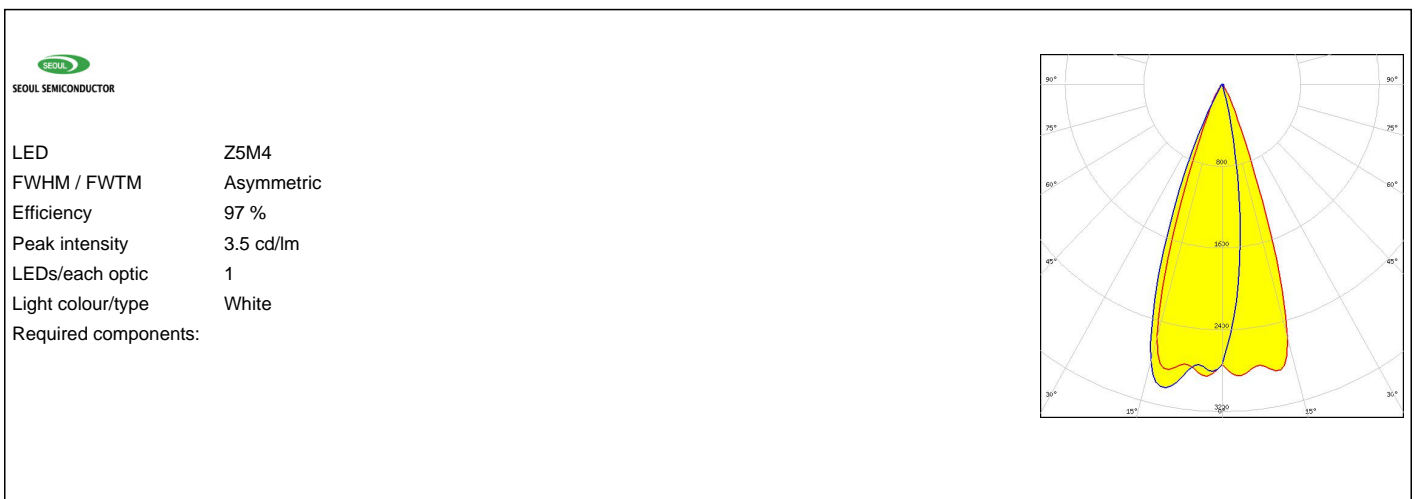
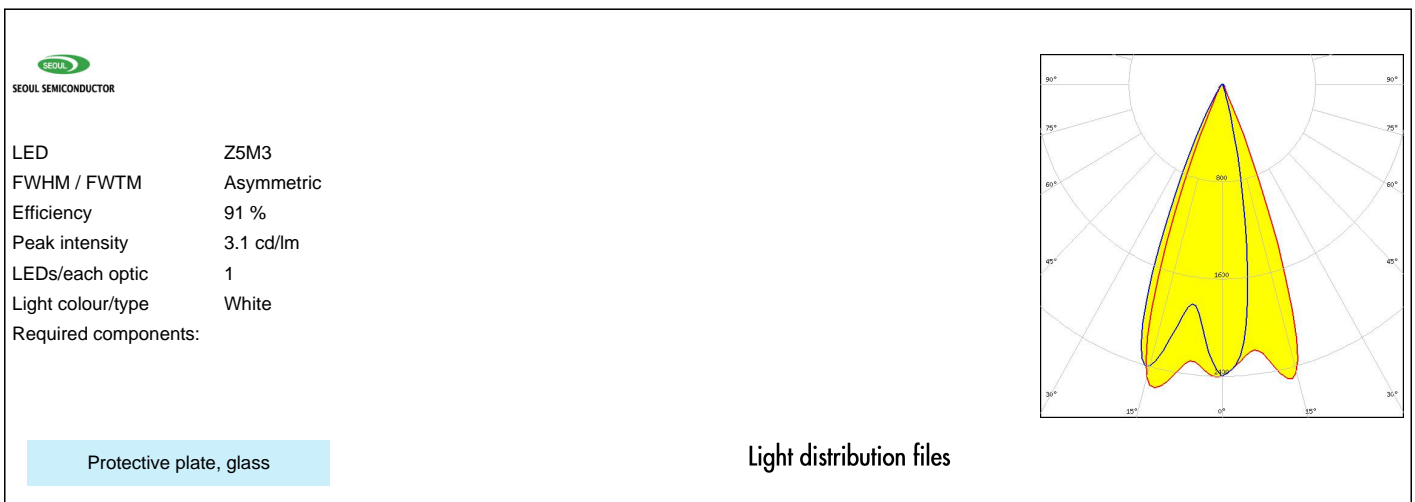
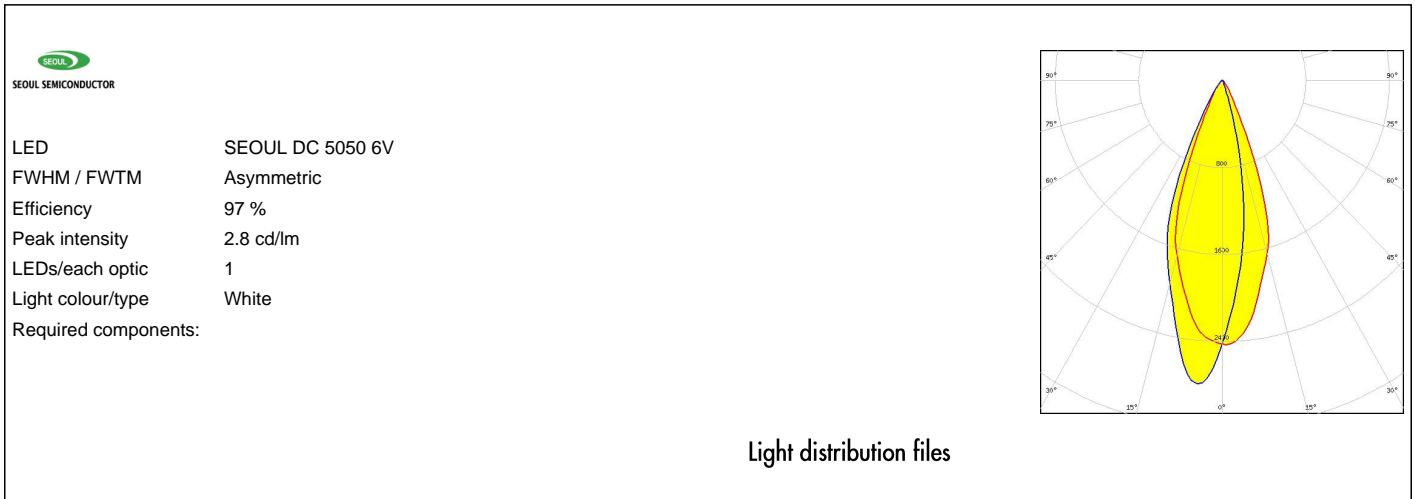


LED SEOUL DC 5050 6V
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:


Protective plate, glass



OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

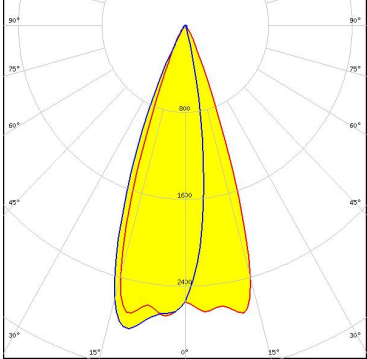

SEOUL SEMICONDUCTOR


LED	Z5M4
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

Protective plate, glass

Light distribution files

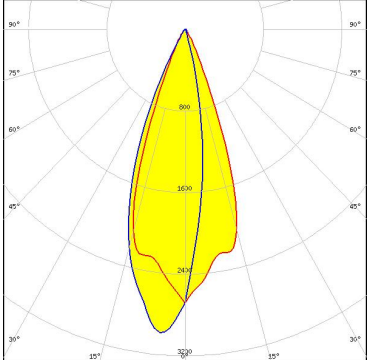



SEOUL SEMICONDUCTOR

LED	Z5M5
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

Protective plate, glass




SEOUL SEMICONDUCTOR

LED	Z5M5
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:



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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