

STRADA-2X2-5050-DWC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III (medium).

SPECIFICATION:

Dimensions	50.0 x 50.0
Height	7.4 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

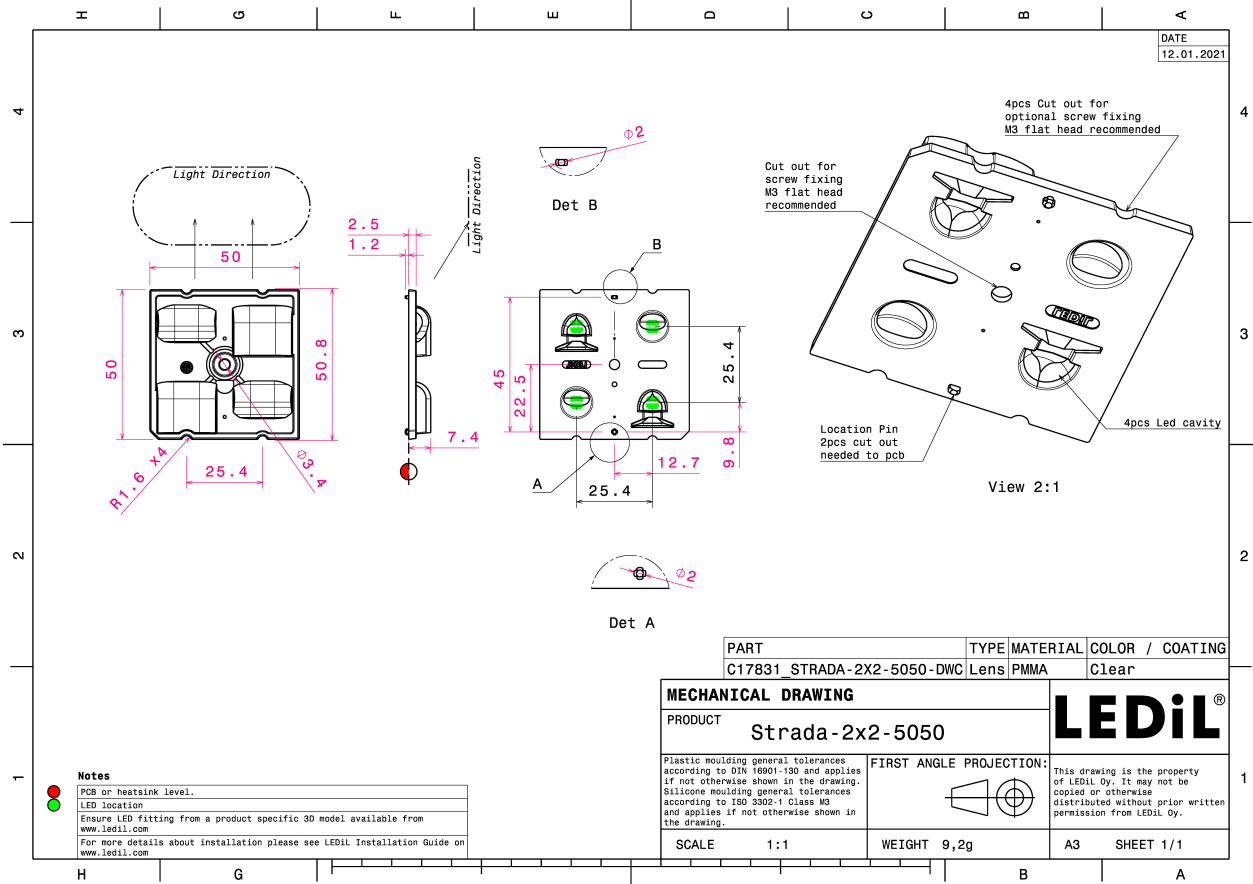


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADA-2X2-5050-DWC	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17831_STRADA-2X2-5050-DWC » Box size: 480 x 280 x 300 mm	800	160	160	8.1

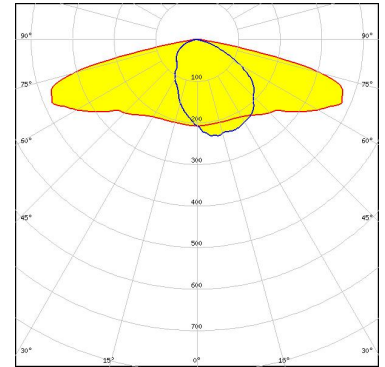


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



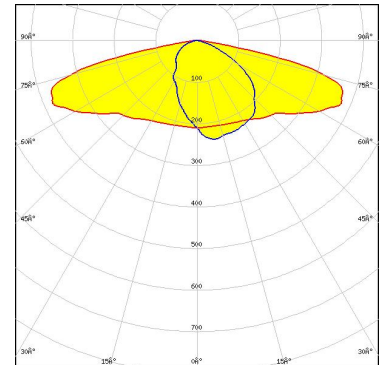
LED J Series 5050C 6V E Class
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



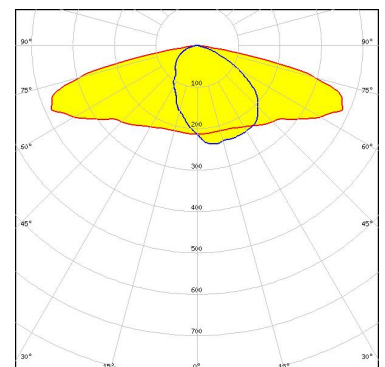
LED LUXEON 5050 HE Plus
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Fortimo FastFlex LED 2x8 DA (U)HE
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

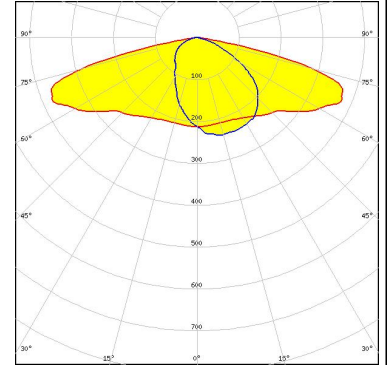


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED RLE 2x8 6000lm HP HE EXC3 OTD
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

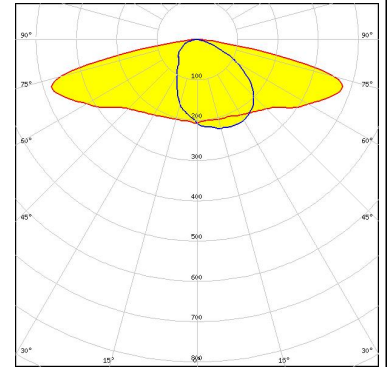


Light distribution files

OPTICAL RESULTS (SIMULATED):



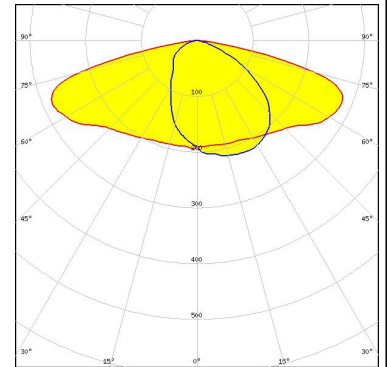
LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

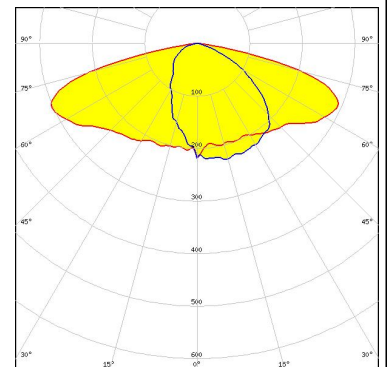


Protective plate, glass

Light distribution files



LED J Series 5050B 6V K Class
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



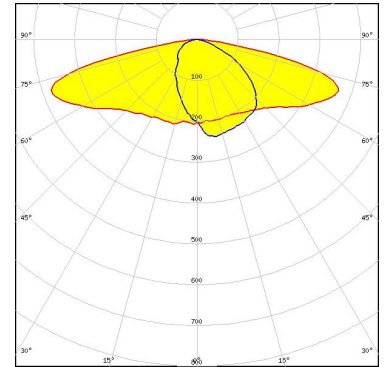
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



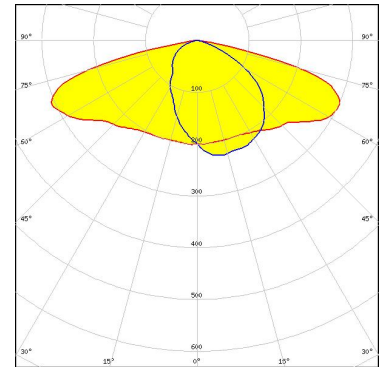
LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED J Series 5050C 6V E Class
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

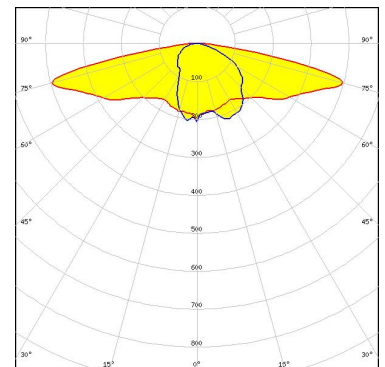


Protective plate, glass

Light distribution files



LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

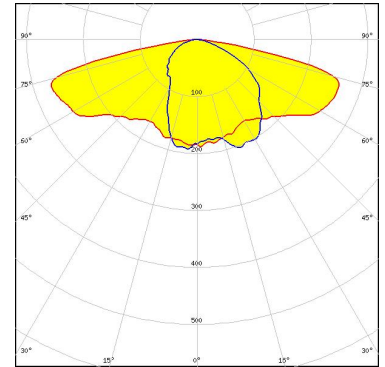
OPTICAL RESULTS (SIMULATED):



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

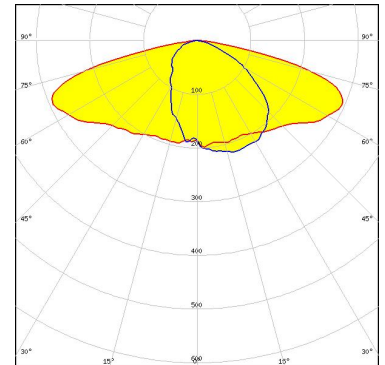
Light distribution files



LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

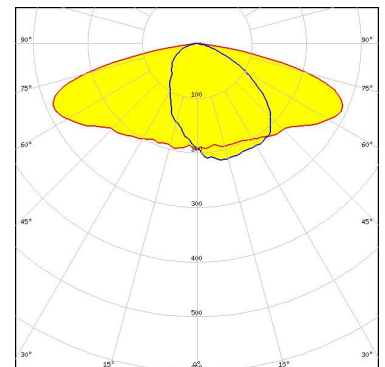
Light distribution files



LED LUXEON 5050 HE Plus
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files



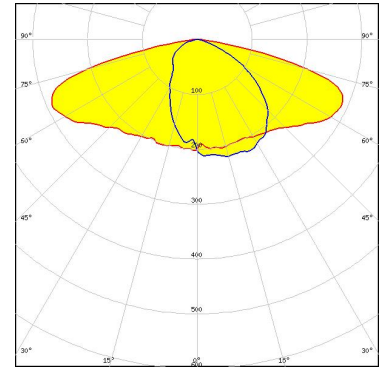
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

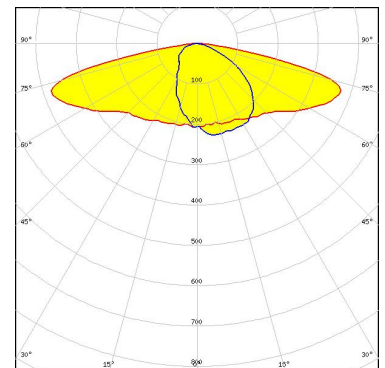
Protective plate, glass

Light distribution files



LED LUXEON 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

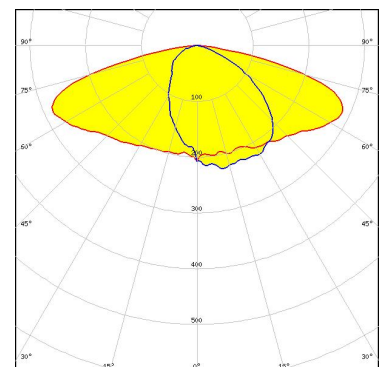
Light distribution files



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

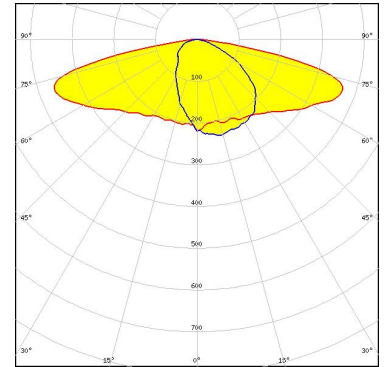
Light distribution files



OPTICAL RESULTS (SIMULATED):



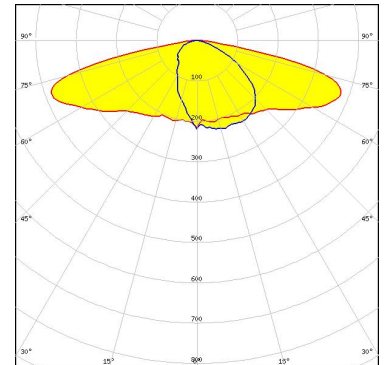
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



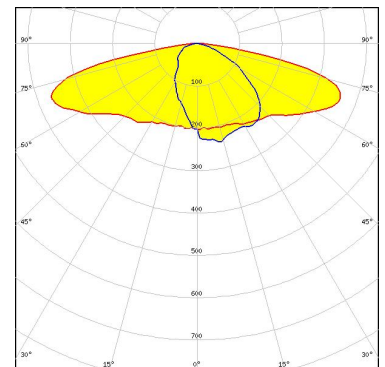
LED MP-5050-240E_810E
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



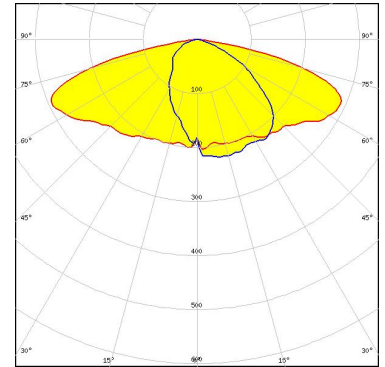
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED Duris S8
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

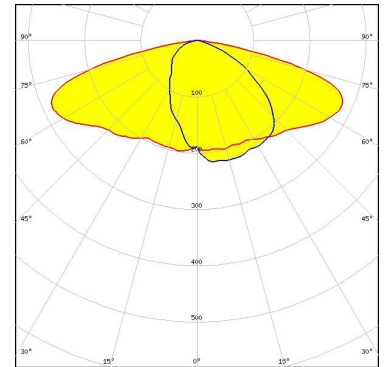


Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

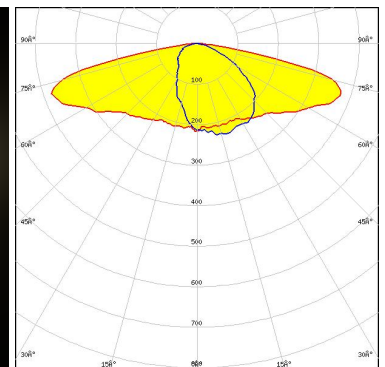
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ S 5050 SFC
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

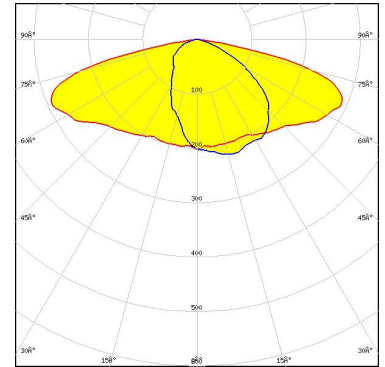
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ S 5050 SFC
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files

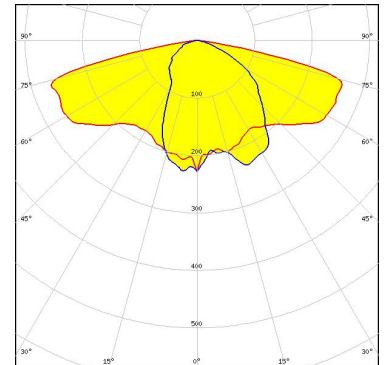


OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files

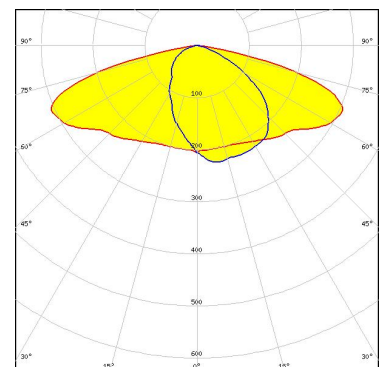


PHILIPS

LED Fortimo FastFlex LED 2x8 DA (U)HE
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files



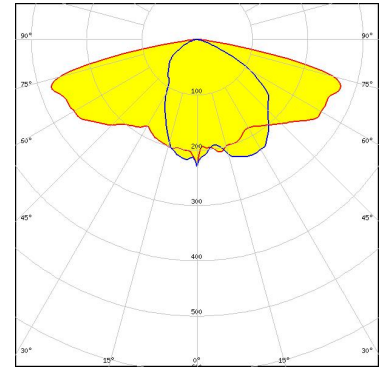
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

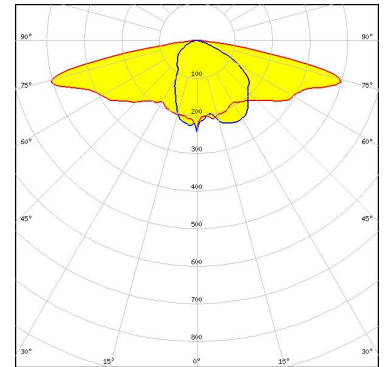
Light distribution files



SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

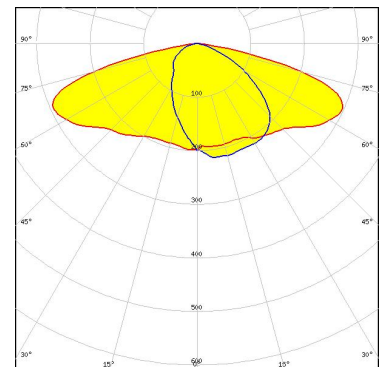


SAMSUNG

LED LH502C
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

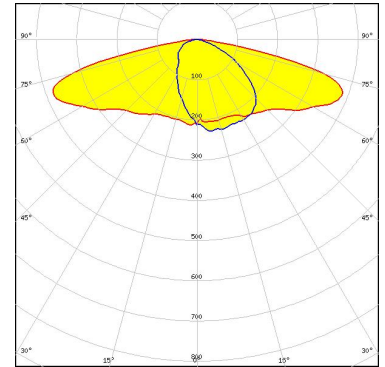
Light distribution files



OPTICAL RESULTS (SIMULATED):

SAMSUNG

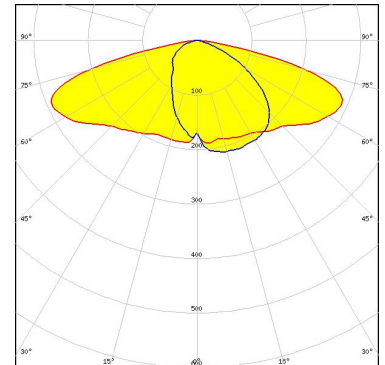
LED LH502C
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH502D
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

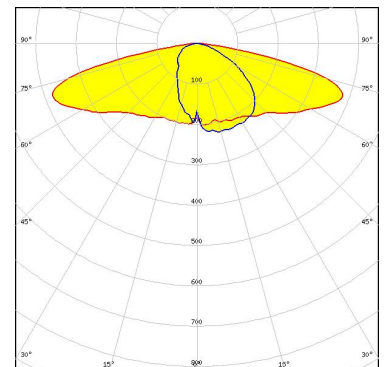


Light distribution files

Protective plate, glass

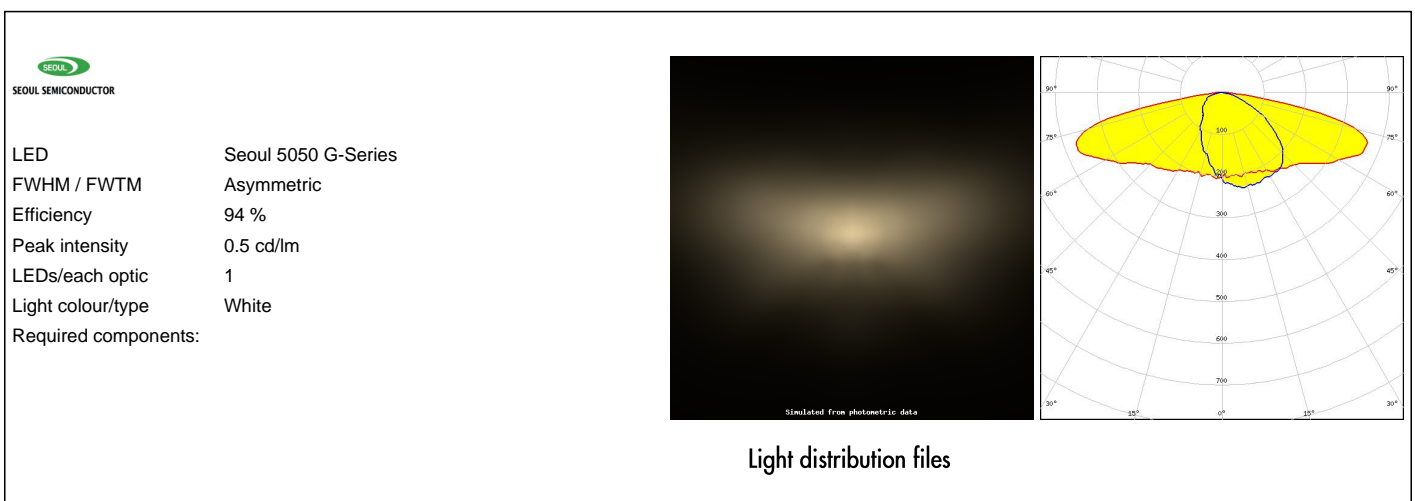
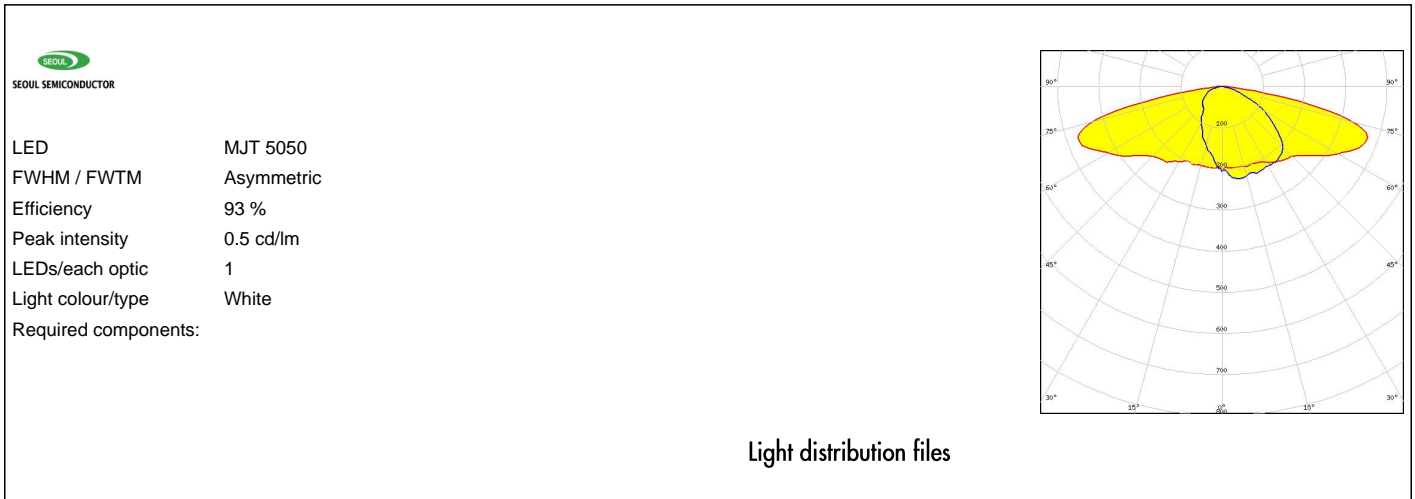
SAMSUNG

LED LH502D
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

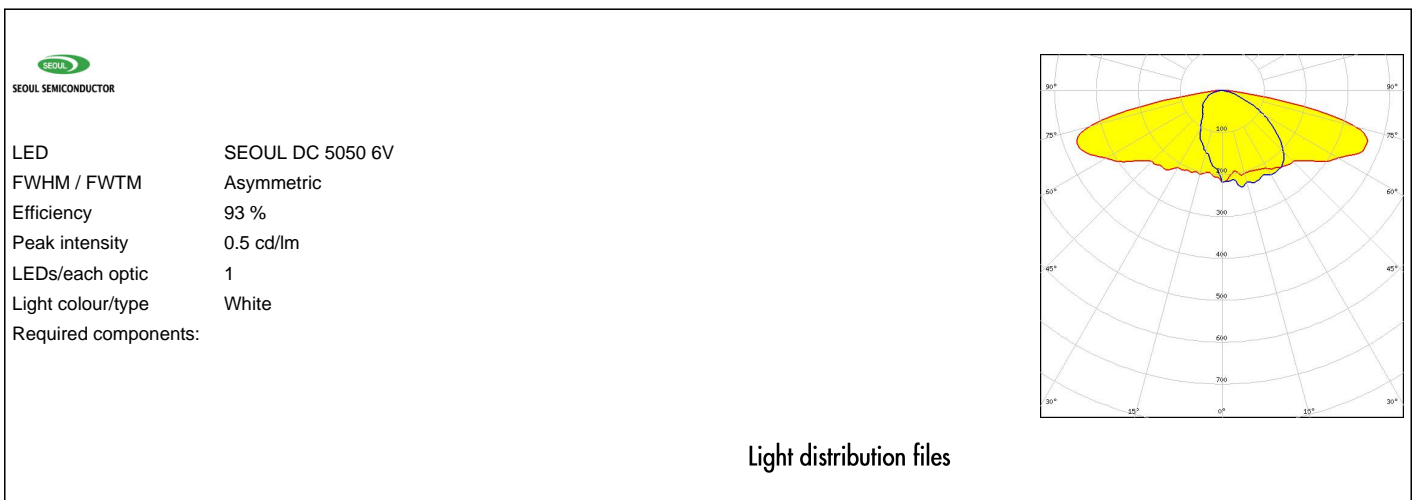
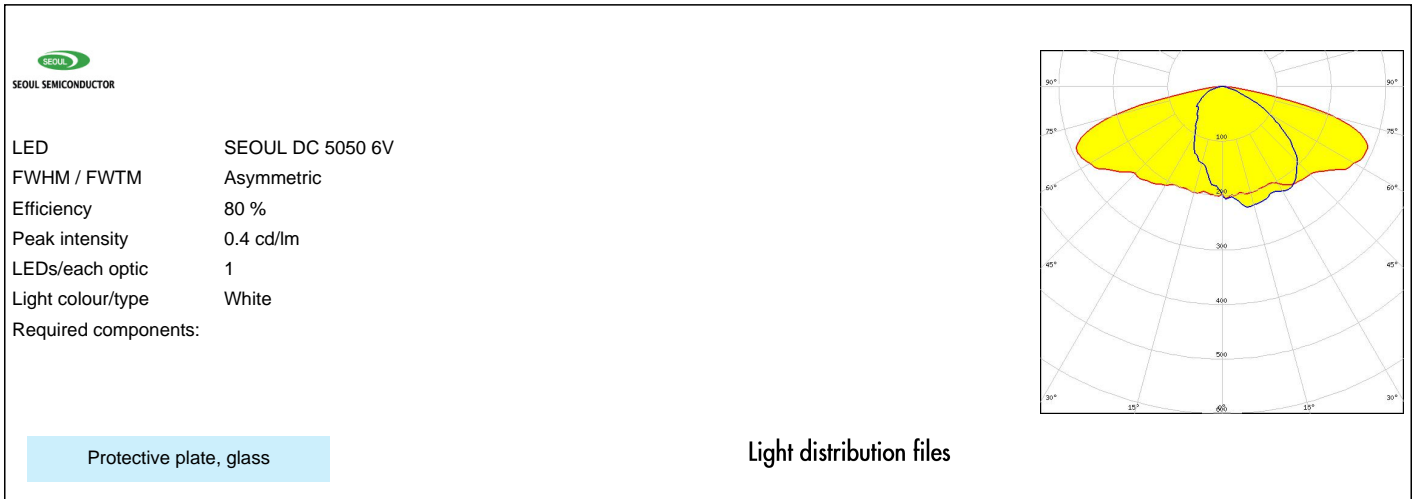


Light distribution files

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:

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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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