

## STRADA-2X2-5050-T3-M

IESNA Type III (medium) beam with excellent back light control, illuminance uniformity and cutoff. Variant optimized for flat 5050 size LED packages.

### SPECIFICATION:

Dimensions	50.0 x 50.0
Height	7.3 mm
ROHS compliant	yes ⓘ

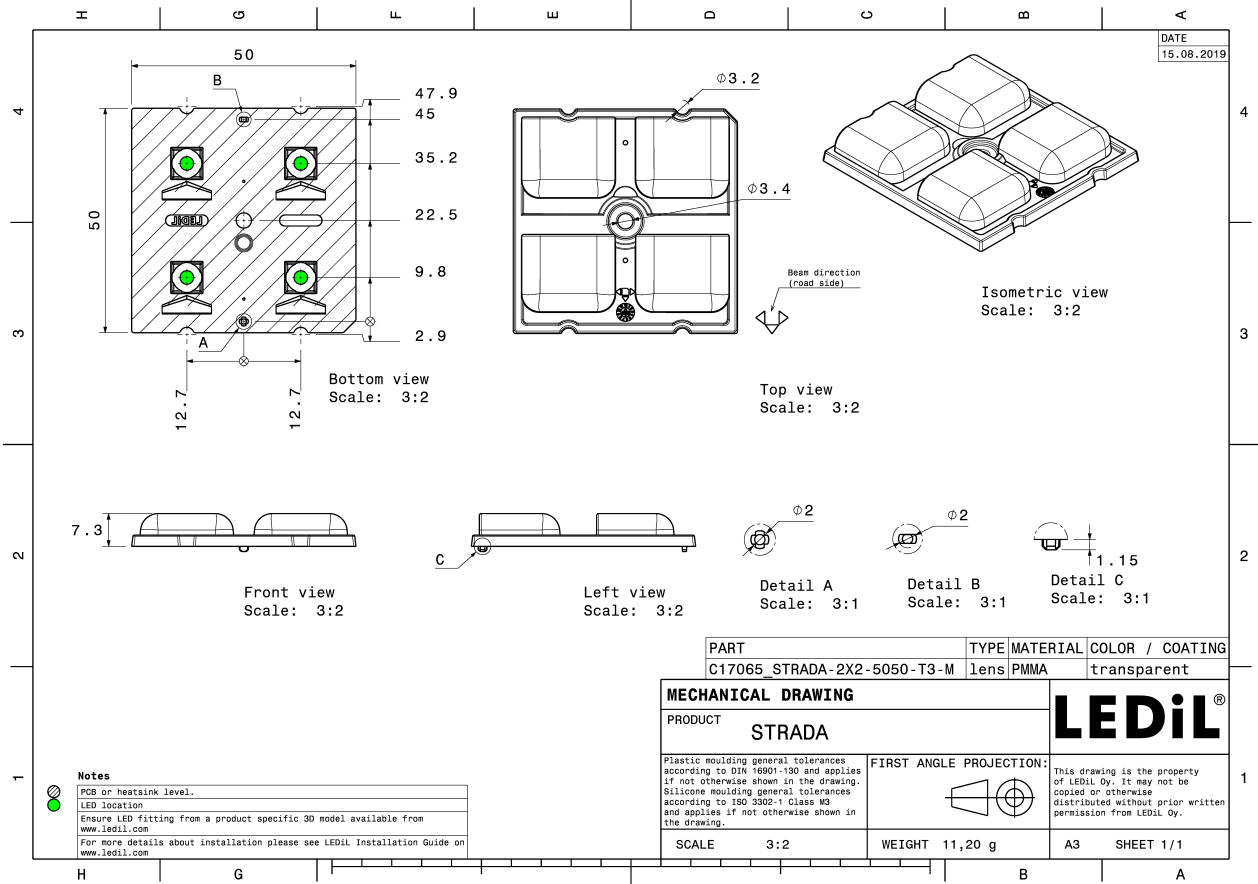


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADA-2X2-5050-T3-M	Multi-lens	PMMA	clear		50.0

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17065_STRADA-2X2-5050-T3-M » Box size: 480 x 280 x 300 mm	800	160	160	10.3

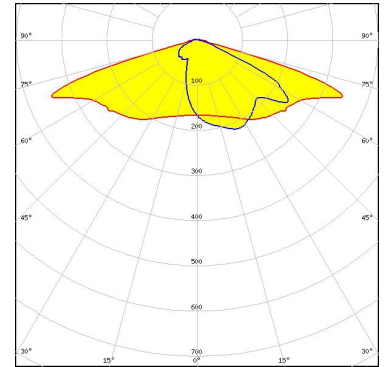


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



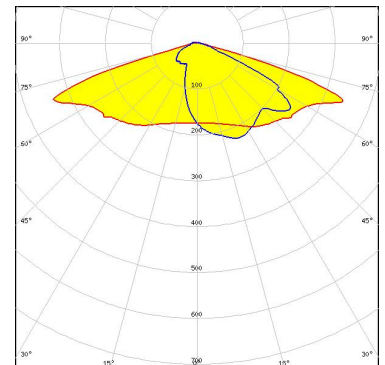
LED J Series 5050C 6V E Class  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



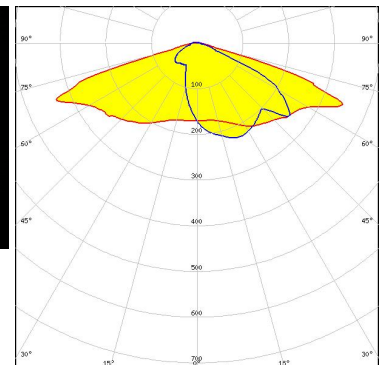
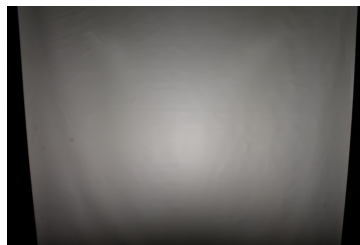
LED LUXEON XR-5050 SQR (L213-xxxx016MRH001)  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

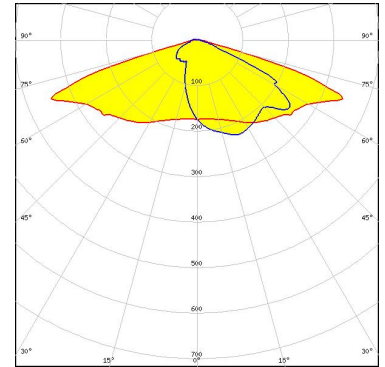


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### PHILIPS

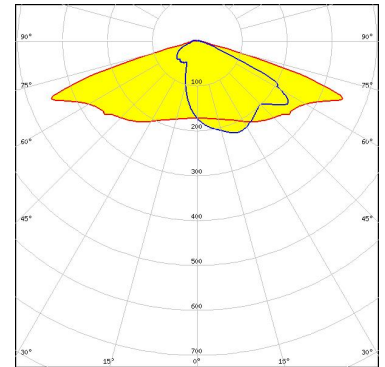
LED	Fortimo FastFlex LED 2x8 DA HE
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### TRIDONIC

LED	RLE 2x8 6000lm HP HE EXC3 OTD
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

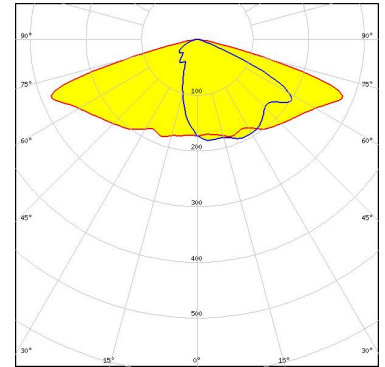
#### OPTICAL RESULTS (SIMULATED):



LED J Series 5050 Round LES  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

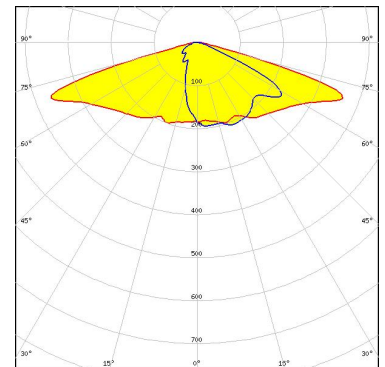
Protective plate, glass

Light distribution files



LED J Series 5050 Round LES  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

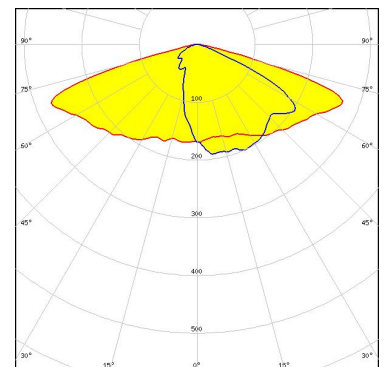
Light distribution files



LED J Series 5050B 6V K Class  
FWHM / FWTM Asymmetric  
Efficiency 77 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

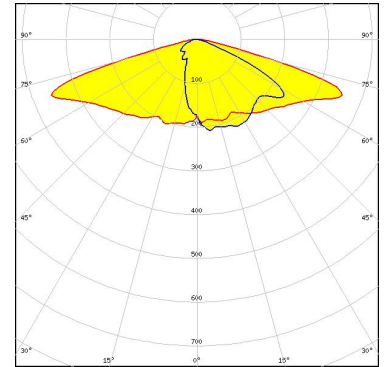
Light distribution files



#### OPTICAL RESULTS (SIMULATED):



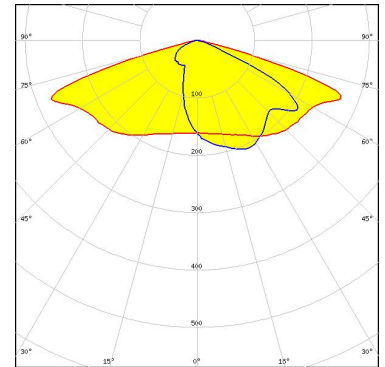
LED J Series 5050B 6V K Class  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



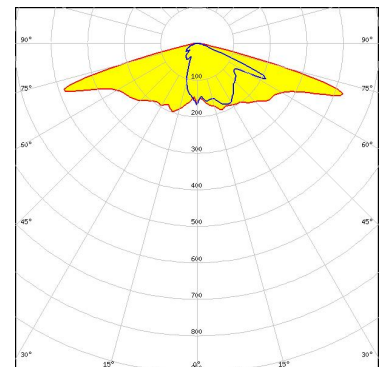
LED J Series 5050C 6V E Class  
 FWHM / FWTM Asymmetric  
 Efficiency 79 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Protective plate, glass



LED XP-G2  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

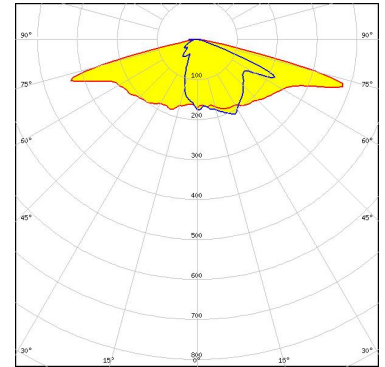


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



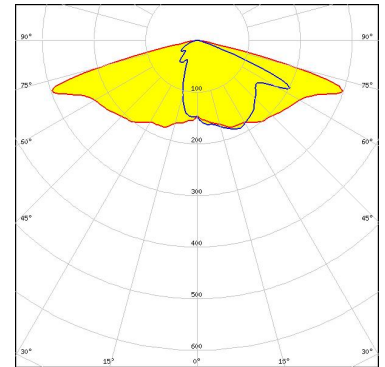
LED XP-G2 HE  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-G3  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

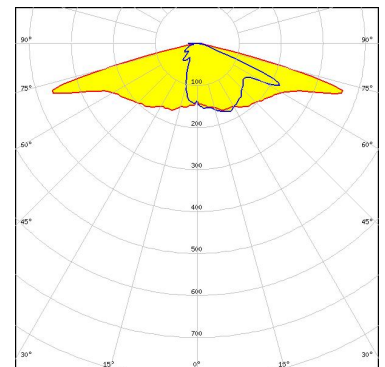


Protective plate, glass

Light distribution files



LED XP-G3  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

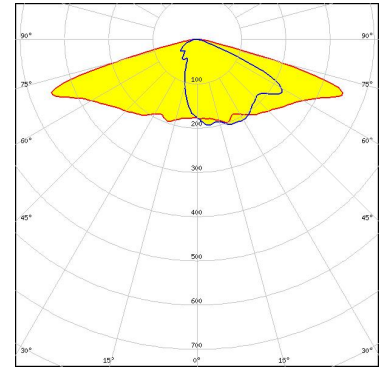


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



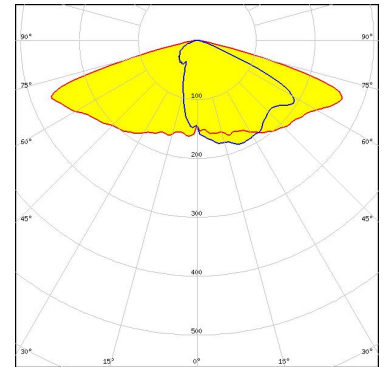
LED LUXEON 5050 HE  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 5050 HE  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

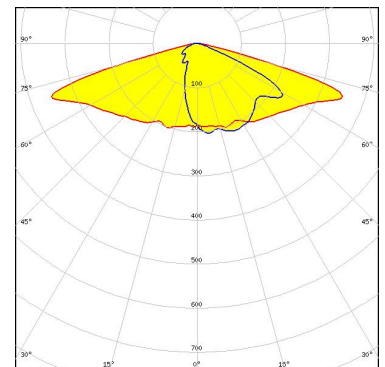


Protective plate, glass

Light distribution files



LED LUXEON 5050 Round LES  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

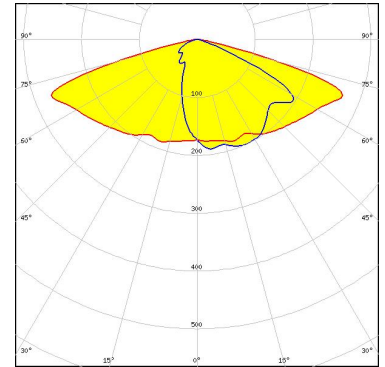


#### OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Round LES  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

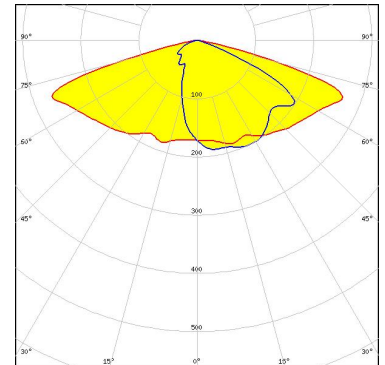


Light distribution files



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

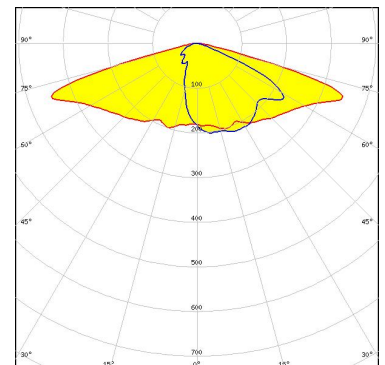
Protective plate, glass



Light distribution files



LED LUXEON 5050 Square LES  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



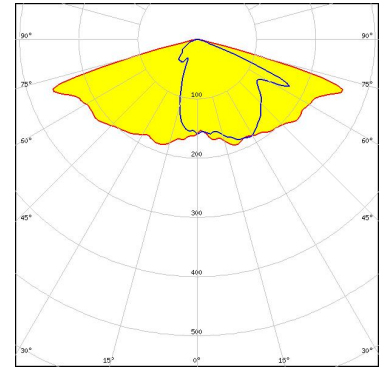
Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**MST** | Your solutions

LED RecLED 122x50mm 1900lm 730 2x4 Opt G1  
 FWHM / FWTM Asymmetric  
 Efficiency 74 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

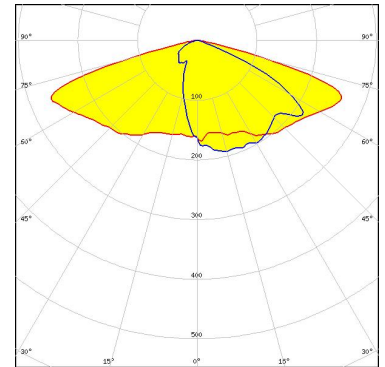
Protective plate, glass



**MST** | Your solutions

LED RecLED 122x50mm 2x4 5050  
 FWHM / FWTM Asymmetric  
 Efficiency 76 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

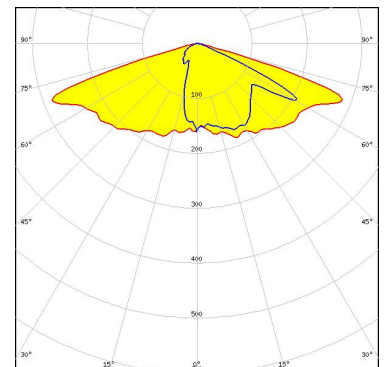
Protective plate, glass



**NICHIA**

LED NFSx757G  
 FWHM / FWTM Asymmetric  
 Efficiency 74 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass

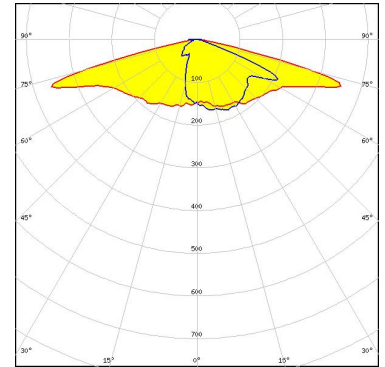


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



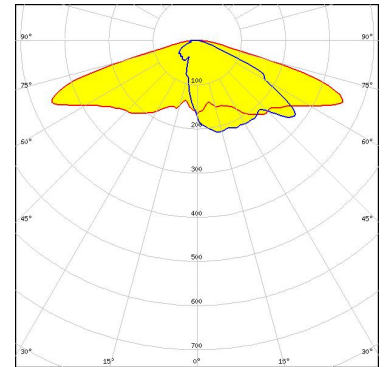
LED NVSW519A  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



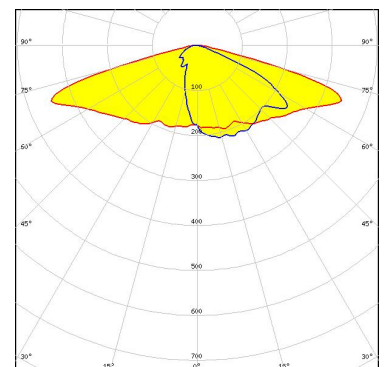
LED NVSxE21A  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files



LED Duris S8  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

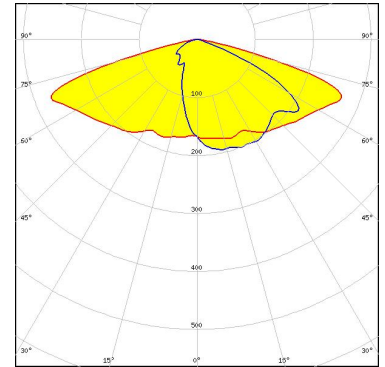
#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED Duris S8  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files

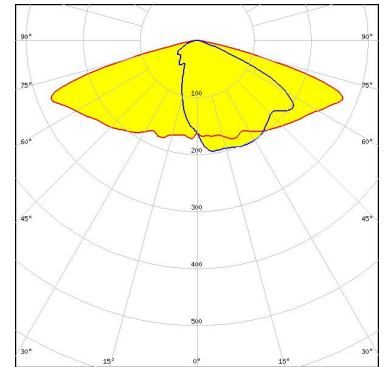


**OSRAM**  
Opto Semiconductors

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

Protective plate, glass

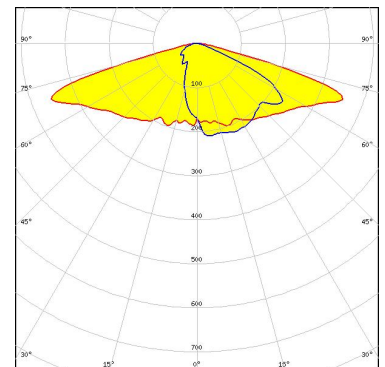
Light distribution files



**OSRAM**  
Opto Semiconductors

LED OSCONIQ S 5050  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

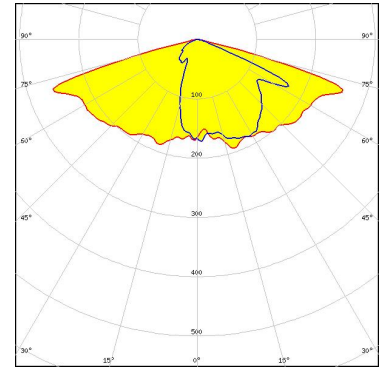


#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 74 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

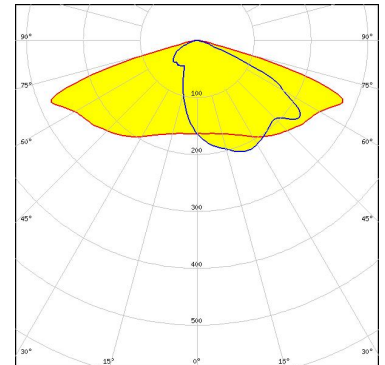
Protective plate, glass



**PHILIPS**

LED Fortimo FastFlex LED 2x8 DA HE  
FWHM / FWTM Asymmetric  
Efficiency 81 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

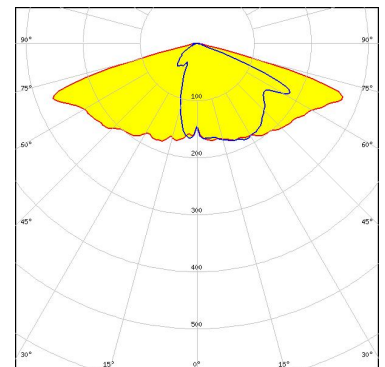


Light distribution files

**SAMSUNG**

LED LH351C  
FWHM / FWTM Asymmetric  
Efficiency 75 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

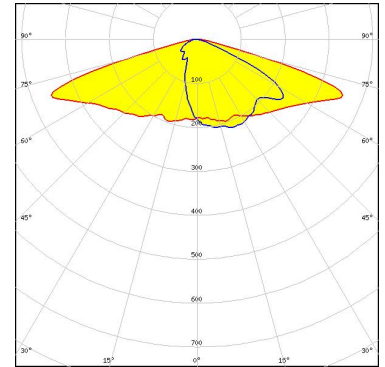


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

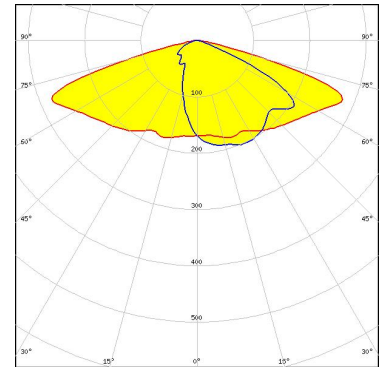
LED LH502C  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED LH502C  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

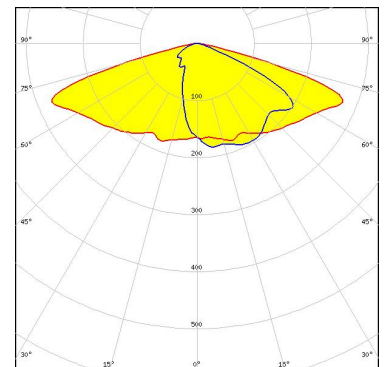


Protective plate, glass

Light distribution files

### SAMSUNG

LED LH502D  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



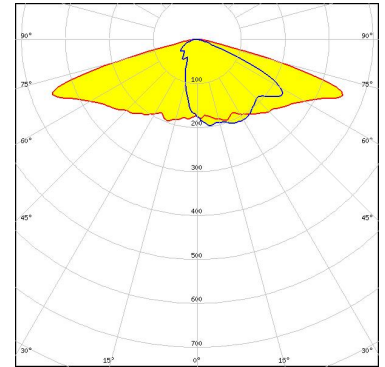
Protective plate, glass

Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

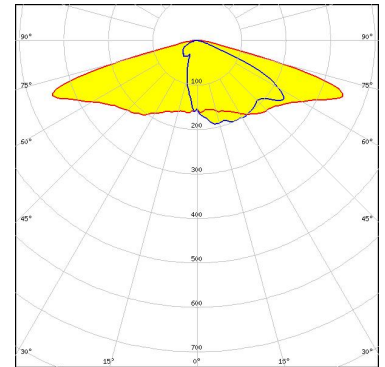
LED LH502D  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



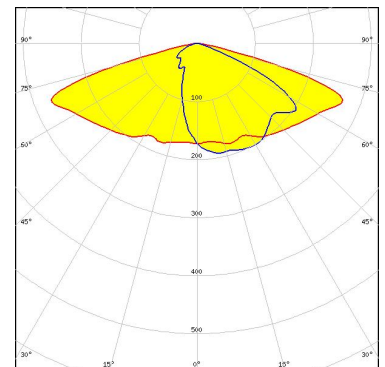
LED MJT 5050  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files




LED SEOUL DC 5050 6V  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



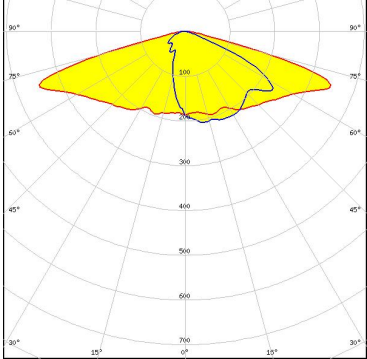
Protective plate, glass

Light distribution files

#### OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR		
LED	SEOUL DC 5050 6V	
FWHM / FWTM	Asymmetric	
Efficiency	95 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files





#### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### MATERIALS:

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.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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#### LEDiL Oy

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P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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