

## STRADA-2X2R-T2

Reflector-based optic design with extremely low glare (luminous intensity class as good as G6) and high efficiency. IESNA Type II (medium) beam applicable for pedestrian and road lighting from low poles.

## SPECIFICATION:

Dimensions	50.0 x 50.0
Height	11.4 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

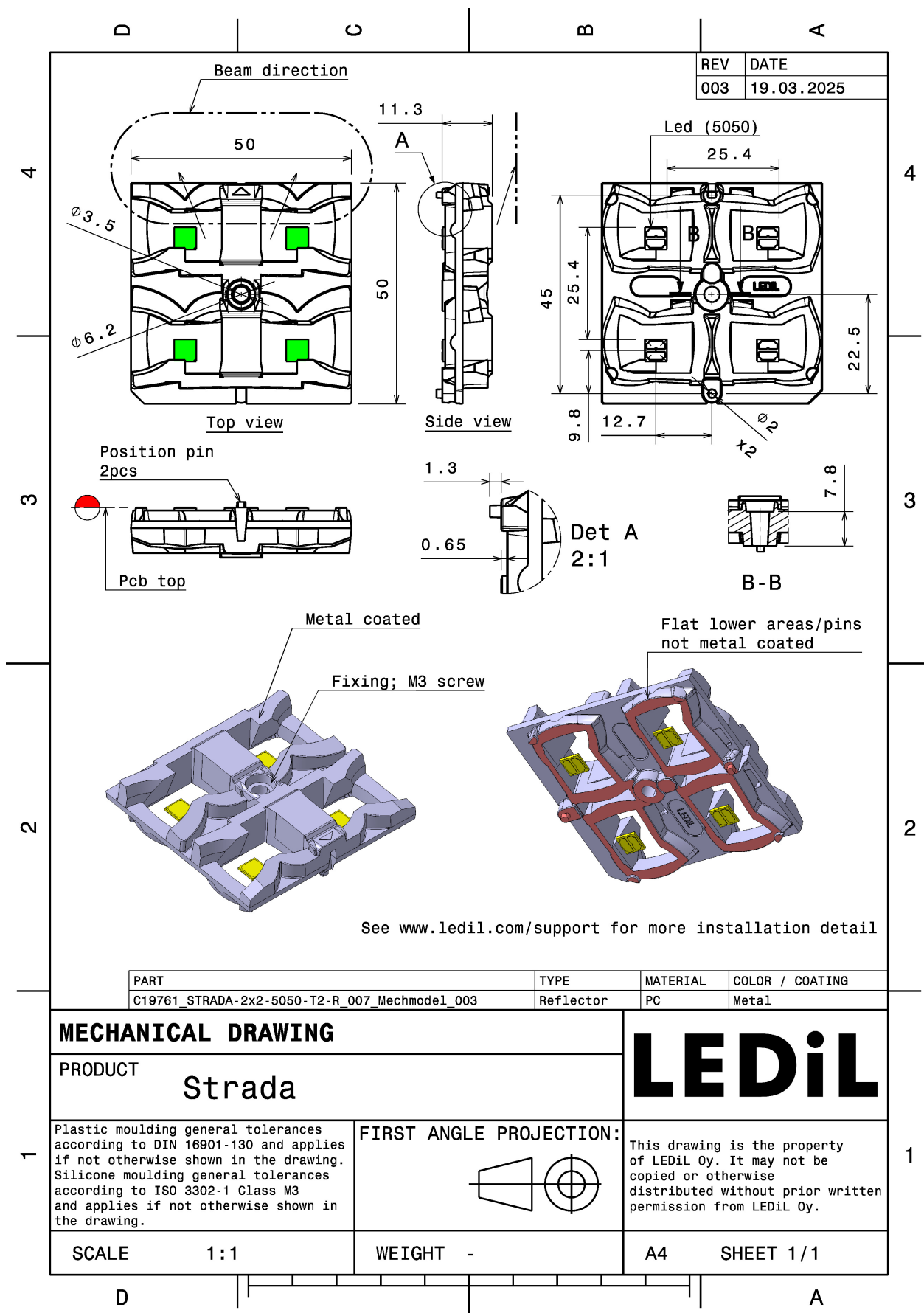


## MATERIALS:

Component	Type	Material	Colour	Finish	Coating
STRADA-2X2R-T2	Reflector	PC	metal		HMDS

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19761_STRADA-2X2R-T2 » Box size: 480 x 280 x 300 mm	504	504	28	5.6



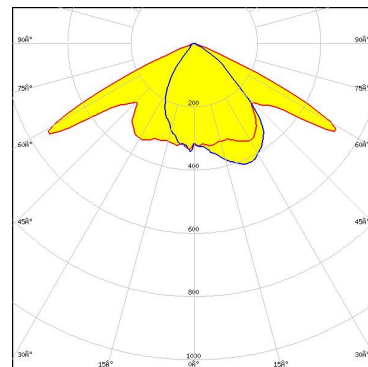
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (SIMULATED):



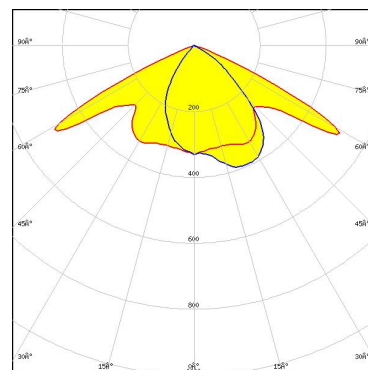
LED J Series 5050B 6V K Class  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass



LED J Series 5050B 6V K Class  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

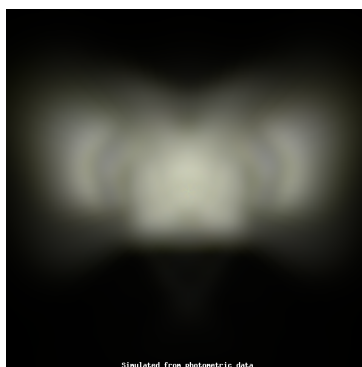
Protective plate, glass



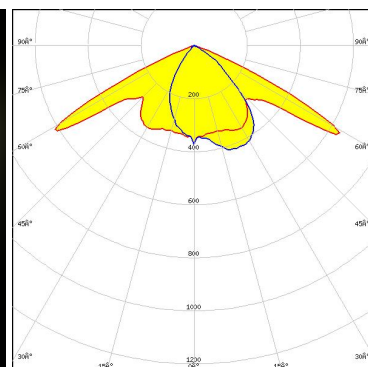
Light distribution files



LED J Series 5050B 6V K Class  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Simulated from photometric data

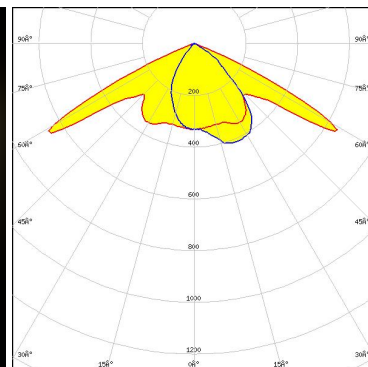
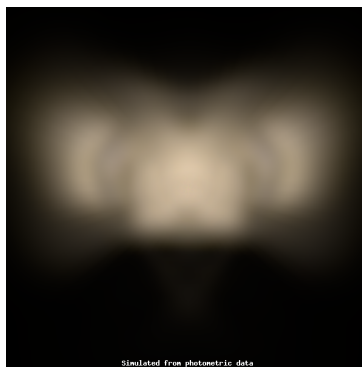


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



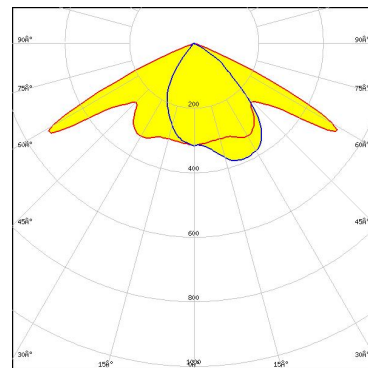
LED J Series 5050C 6V E Class  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED J Series 5050C 6V E Class  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

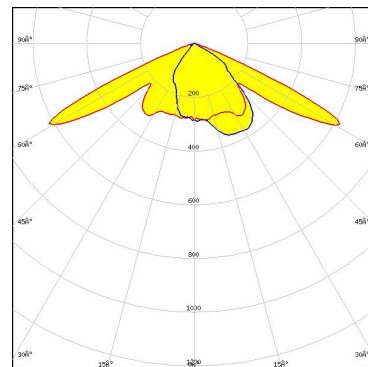


Protective plate, glass

Light distribution files



LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

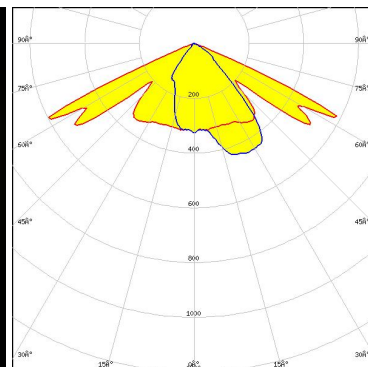
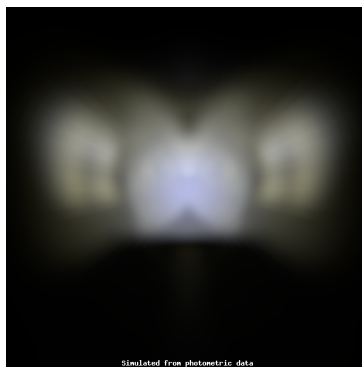


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



LED XP-G4  
FWHM / FWTM Asymmetric  
Efficiency 98 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

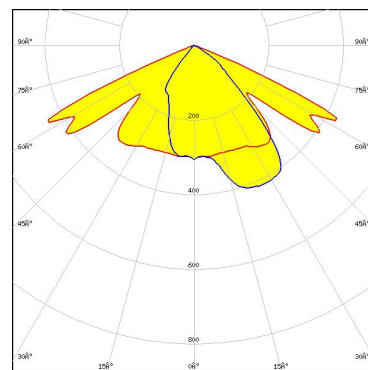


Light distribution files



LED XP-G4  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

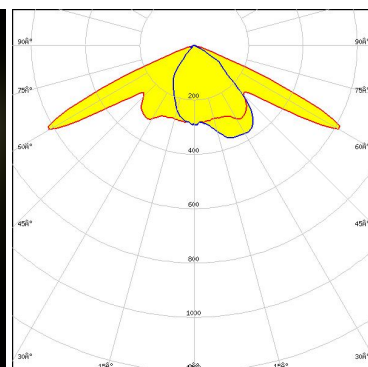
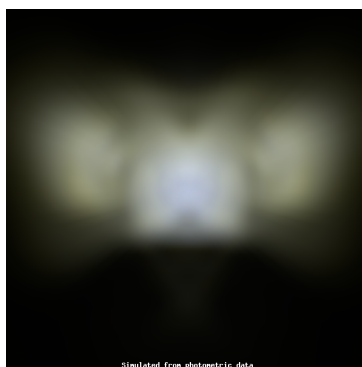
Protective plate, glass



Light distribution files



LED XP-L2  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



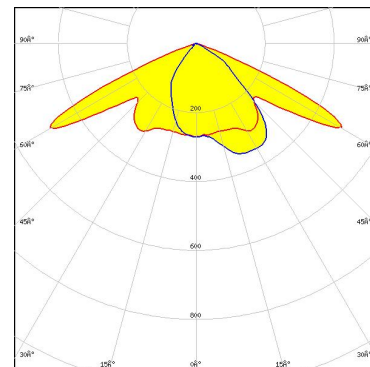
Light distribution files

#### OPTICAL RESULTS (SIMULATED):



LED XP-L2  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

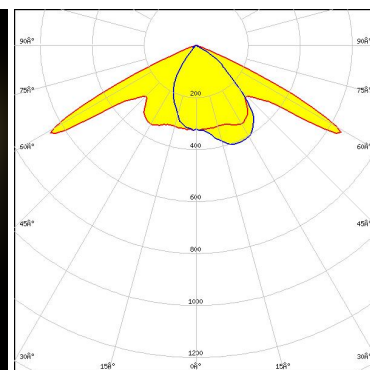
Protective plate, glass



Light distribution files



LED LUXEON 5050 HE  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

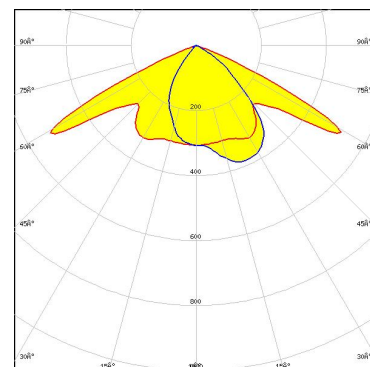


Light distribution files



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

Protective plate, glass



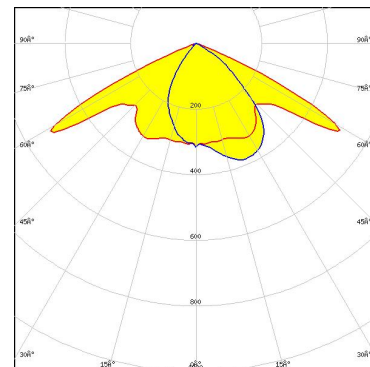
Light distribution files

#### OPTICAL RESULTS (SIMULATED):



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

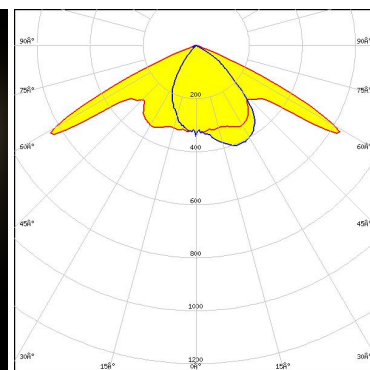
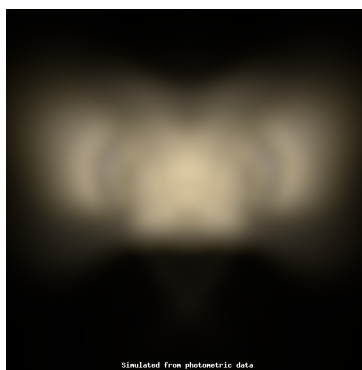
Protective plate, glass



Light distribution files



LED LUXEON 5050 HE Plus  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

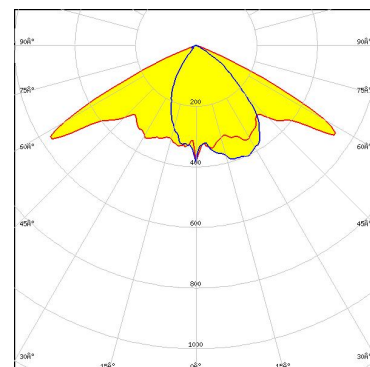


Light distribution files



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

Protective plate, glass



Light distribution files

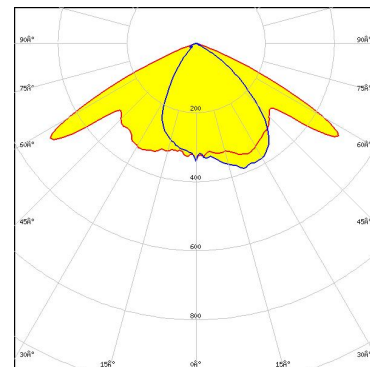


#### OPTICAL RESULTS (SIMULATED):



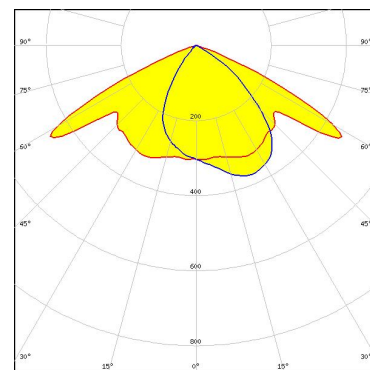
LED LUXEON 7070  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass



LED LUXEON 7070  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

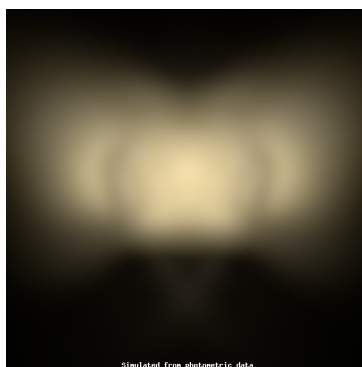
Protective plate, glass



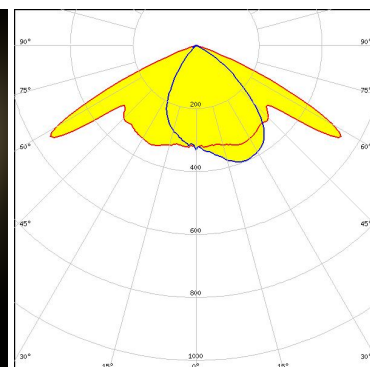
Light distribution files



LED LUXEON 7070  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Simulated from photometric data



Light distribution files



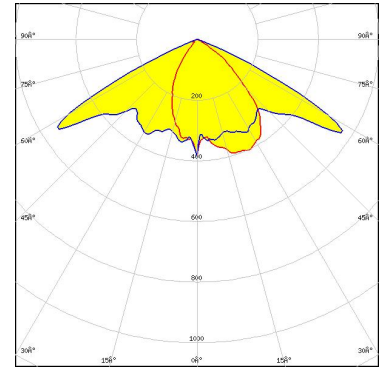
#### OPTICAL RESULTS (SIMULATED):



LED	LUXEON XR-5050 SQR (L213-xxxx008MRH001)
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

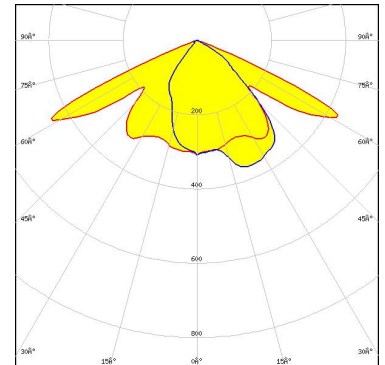
Light distribution files



LED	NVSW219F
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

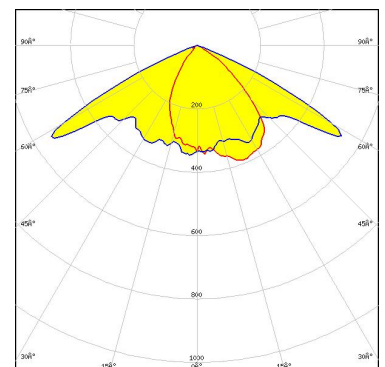
Light distribution files



LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

Light distribution files

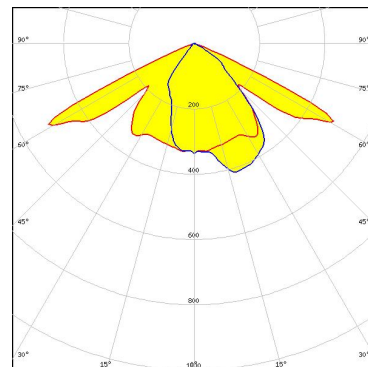


#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

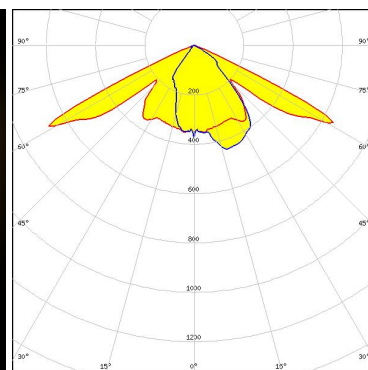
Protective plate, glass



Light distribution files

**OSRAM**  
Opto Semiconductors

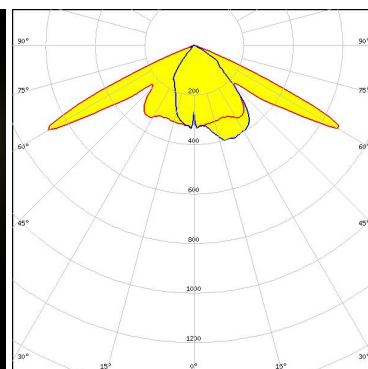
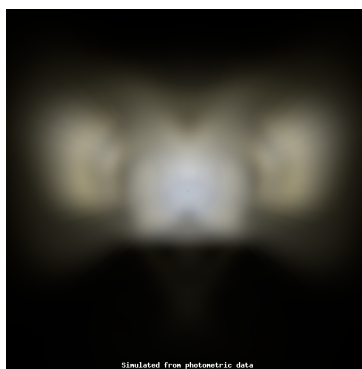
LED OSCONIQ P 3737 (2W version)  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

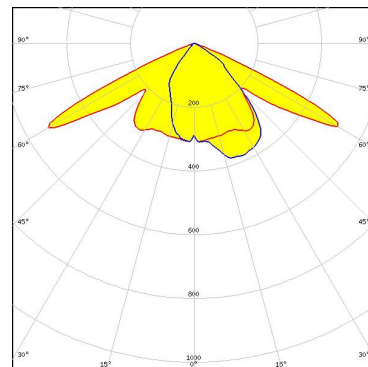
#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
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

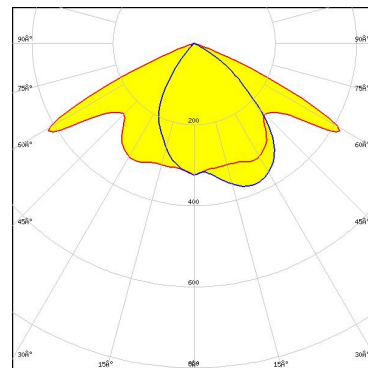


**OSRAM**  
Opto Semiconductors

LED OSCONIQ S 5050 (Q9LR32)  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

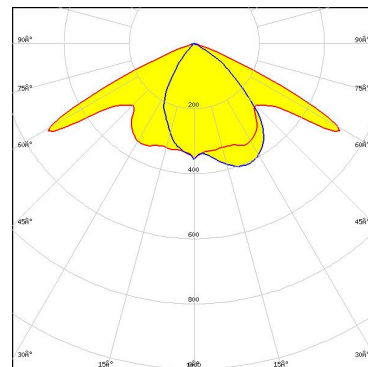
Light distribution files



**OSRAM**  
Opto Semiconductors

LED OSCONIQ S 5050 (Q9LR32)  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

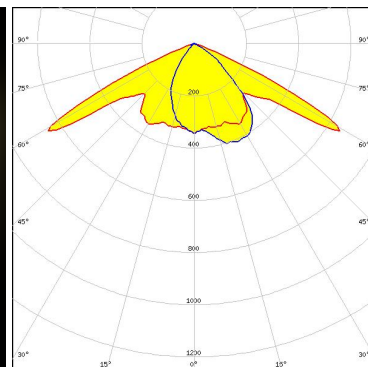
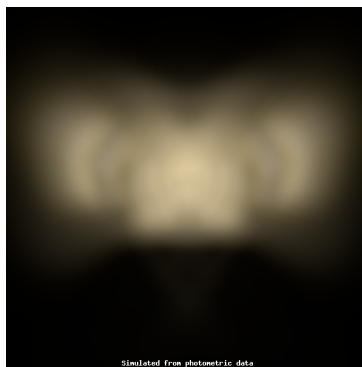
Light distribution files



#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

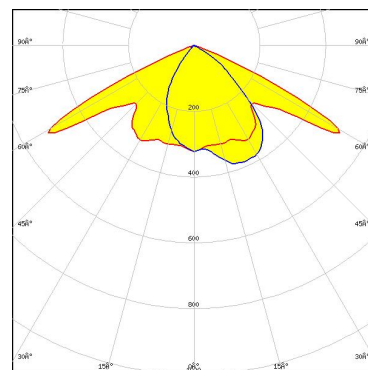
LED OSCONIQ S 5050 SFC  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

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

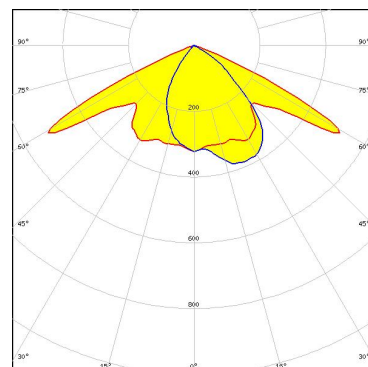


Protective plate, glass

Light distribution files

**OSRAM**  
Opto Semiconductors

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



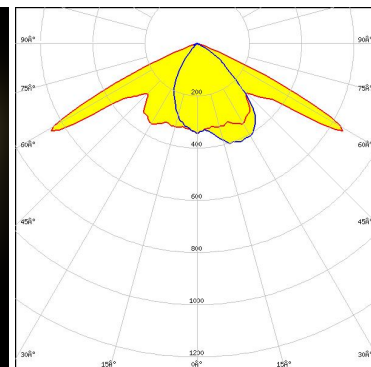
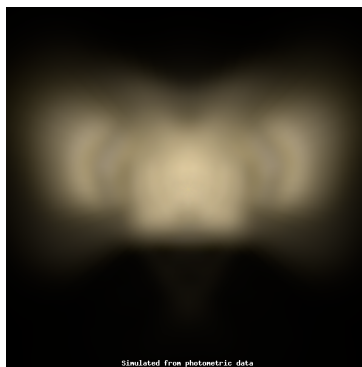
Protective plate, glass

Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

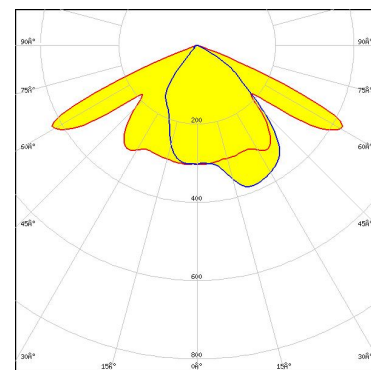
LED OSCONIQ S 5050 SFC  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

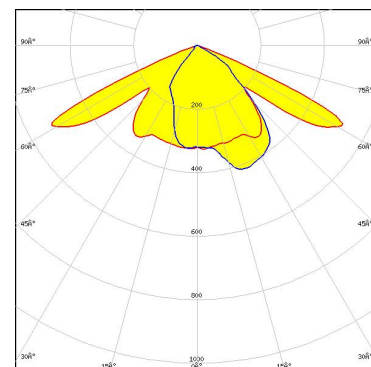


Protective plate, glass

Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

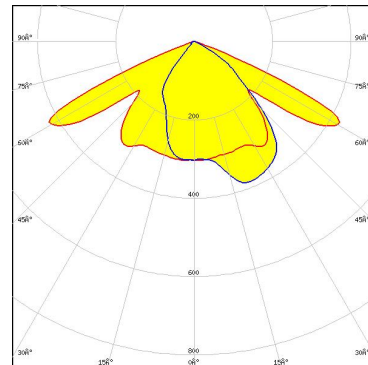
#### OPTICAL RESULTS (SIMULATED):

#### PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

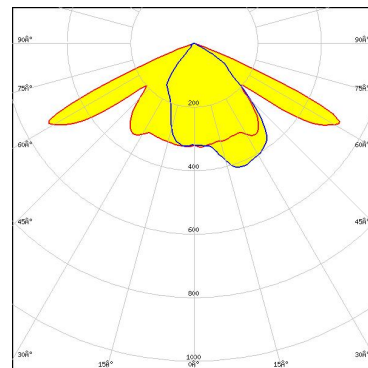
Light distribution files



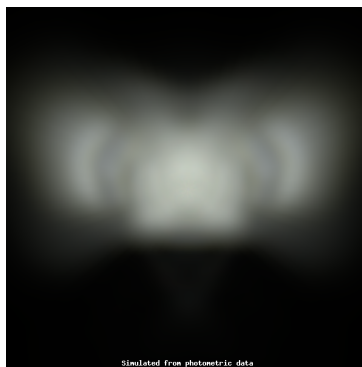
#### PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

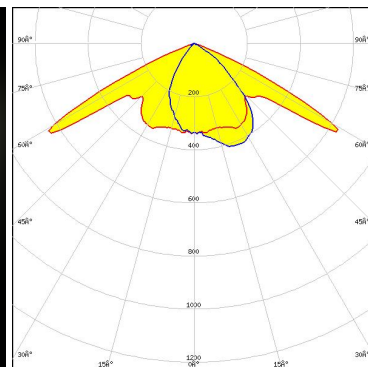
Light distribution files



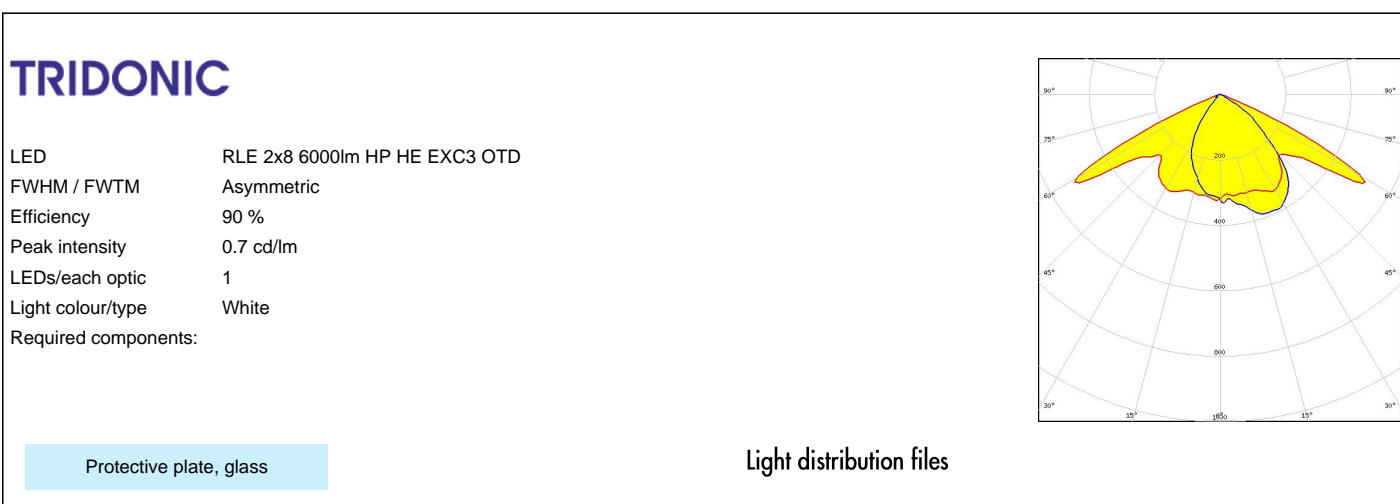
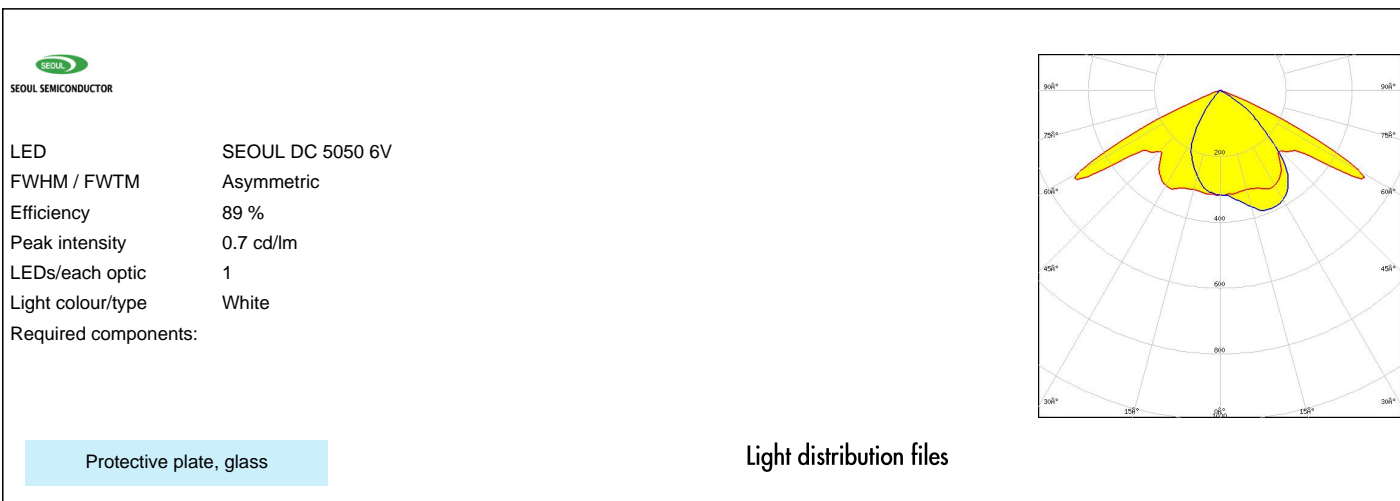
LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



#### 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.

### 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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Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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

#### Shipping locations

Poznan, Poland  
Hong Kong, China

#### Distribution Partners

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