

STRADA-2X2-5050-T2-R

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 ⓘ

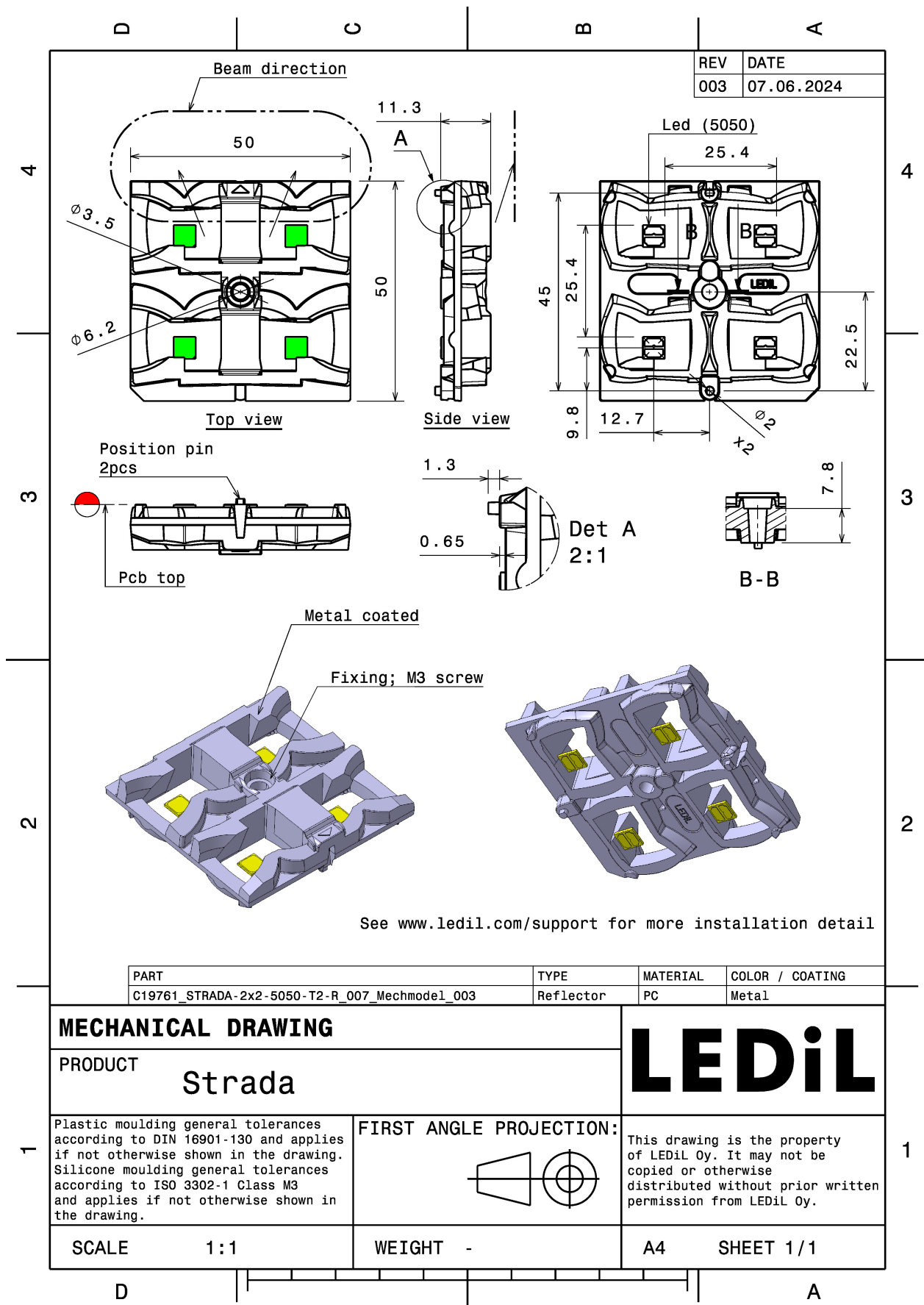


MATERIALS:

Component	Type	Material	Colour	Finish	Coating
STRADA-2X2-5050-T2-R	Reflector	PC	metal		HMDS

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19761_STRADA-2X2-5050-T2-R » Box size: 480 x 280 x 300 mm	504	504	28	5.6



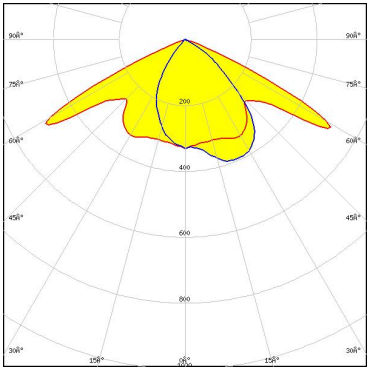
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):



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

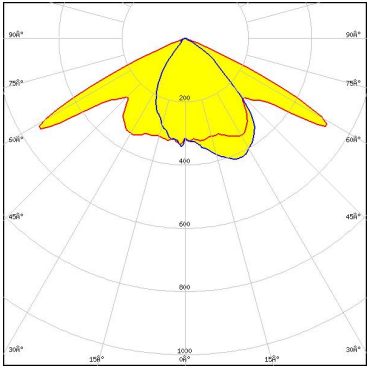


Light distribution files



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

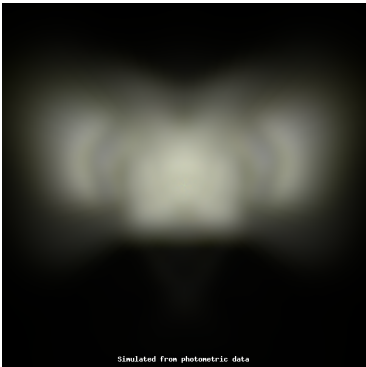
Protective plate, glass



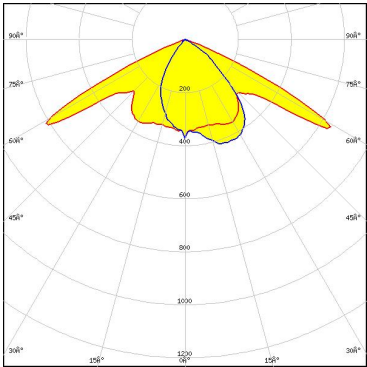
Light distribution files



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

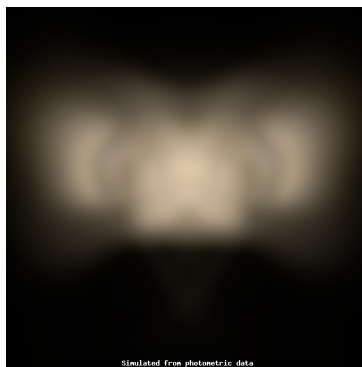


Light distribution files

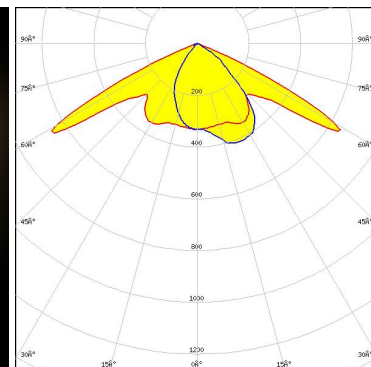
OPTICAL RESULTS (SIMULATED):



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:



Simulated from photometric data

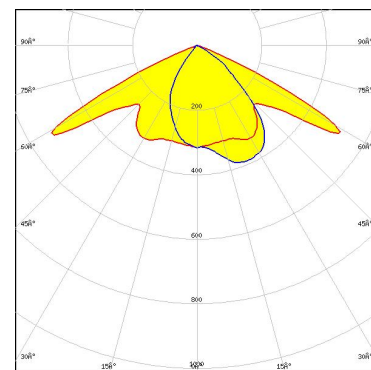


Light distribution files



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:

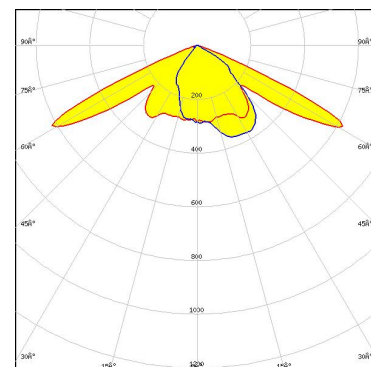
Protective plate, glass



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:

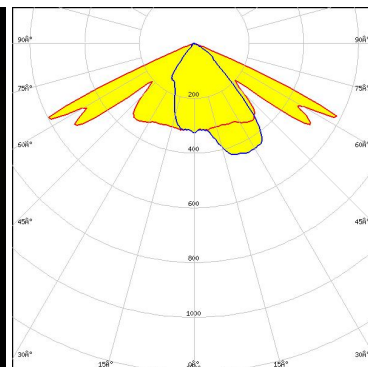
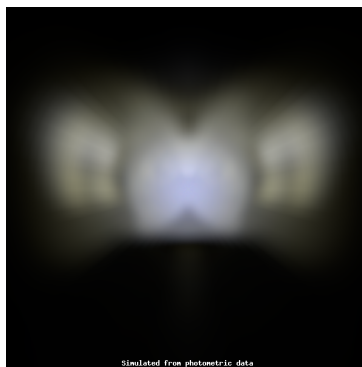


Light distribution files

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:

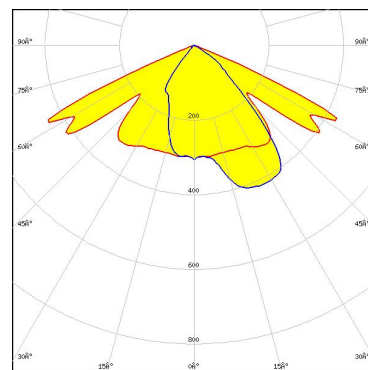


Light distribution files



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

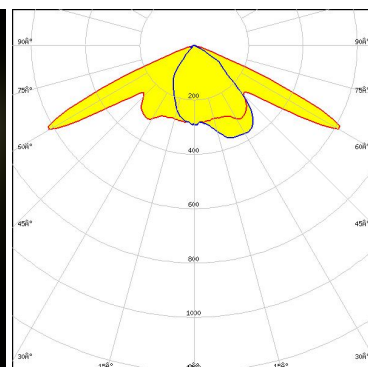
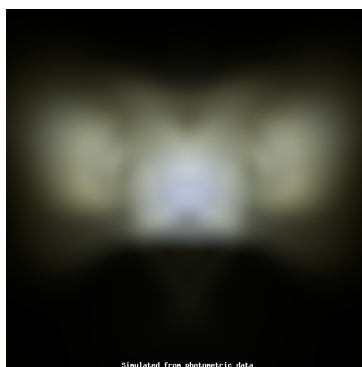
Protective plate, glass



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:



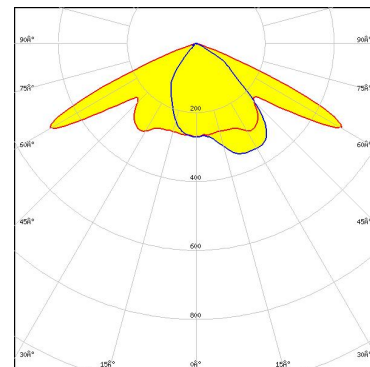
Light distribution files

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

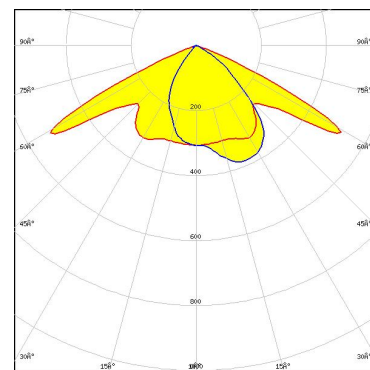


Light distribution files



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

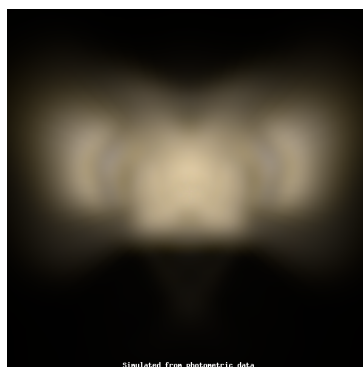
Protective plate, glass



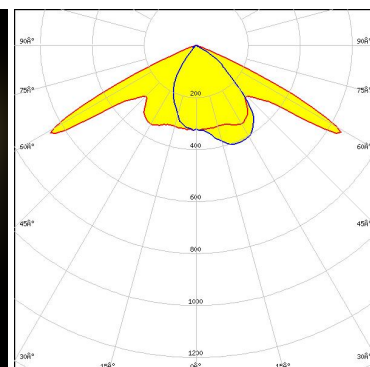
Light distribution files



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



Simulated from photometric data



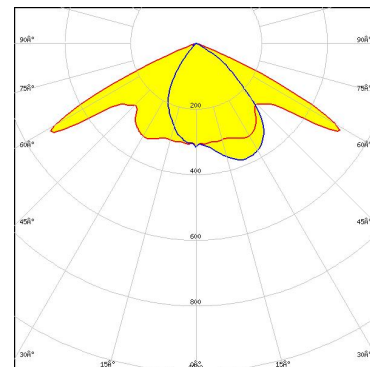
Light distribution files

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:

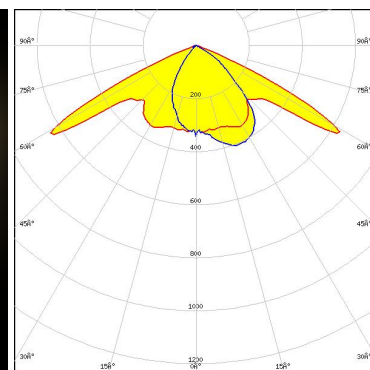
Protective plate, glass



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:

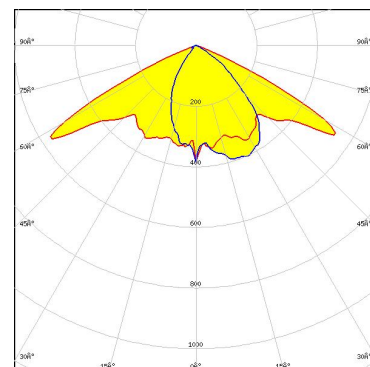


Light distribution files



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



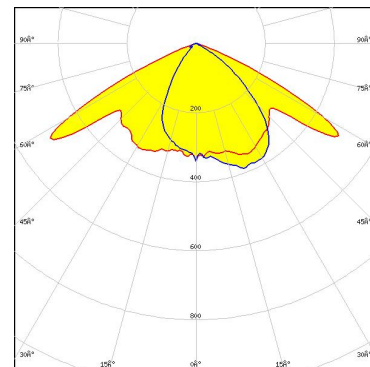
Light distribution files

OPTICAL RESULTS (SIMULATED):



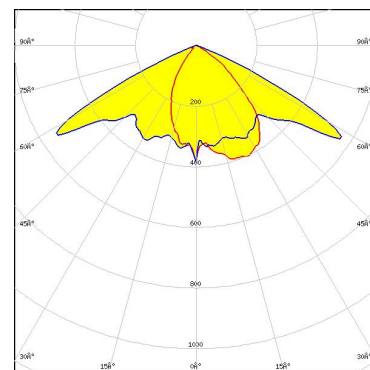
LED LUXEON 7070
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



LED LUXEON 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

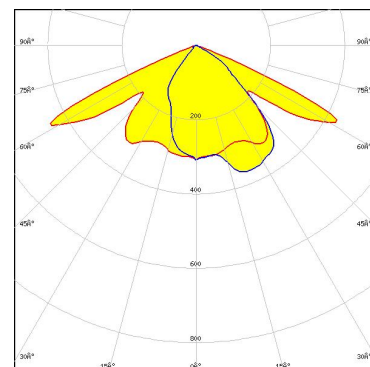


Light distribution files



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



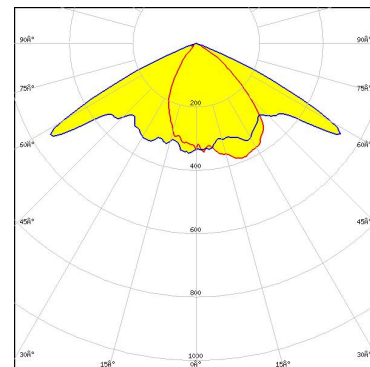
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

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

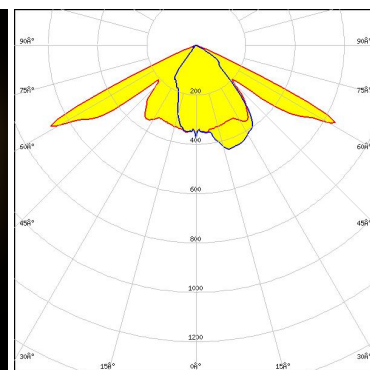
Protective plate, glass



Light distribution files

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:

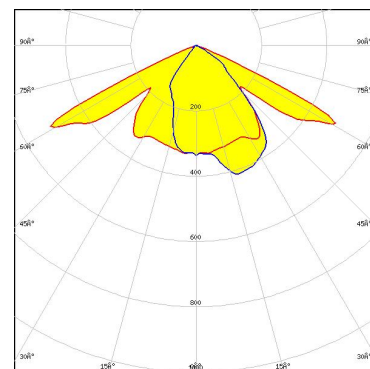


Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (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



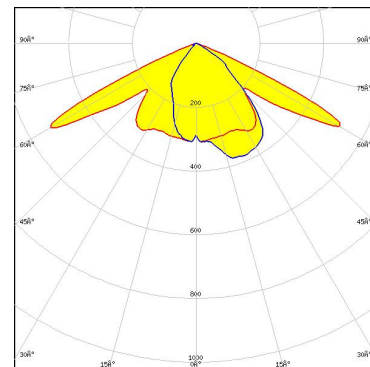
Light distribution files

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:

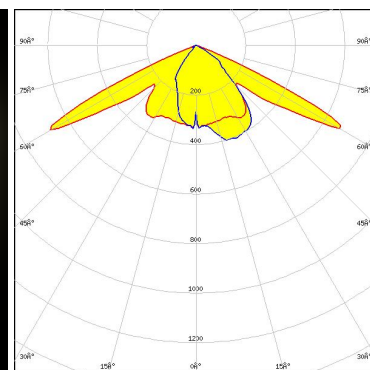
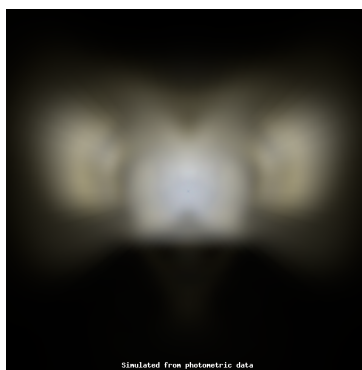
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

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

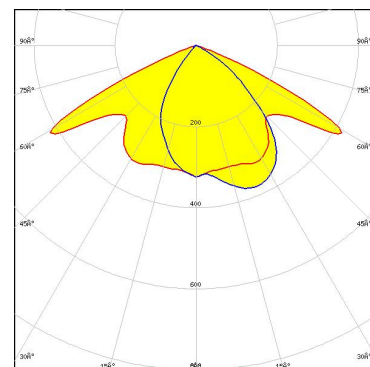


Light distribution files

OSRAM
Opto Semiconductors

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

Protective plate, glass

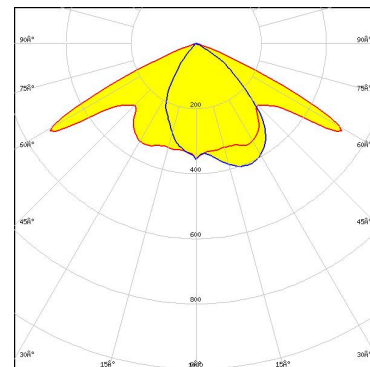


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

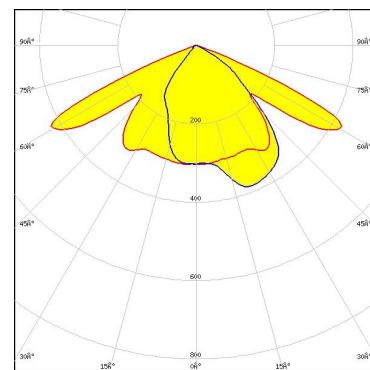
LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

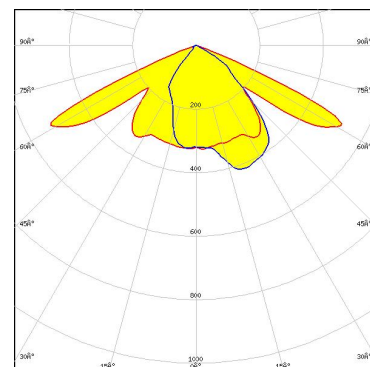


Light distribution files

Protective plate, glass

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:

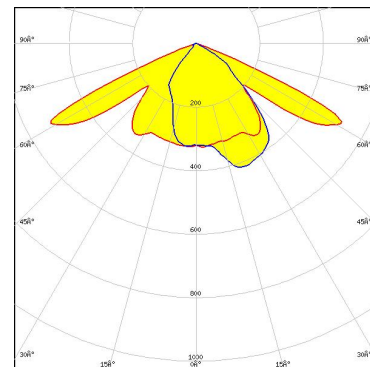


Light distribution files

OPTICAL RESULTS (SIMULATED):

PHILIPS

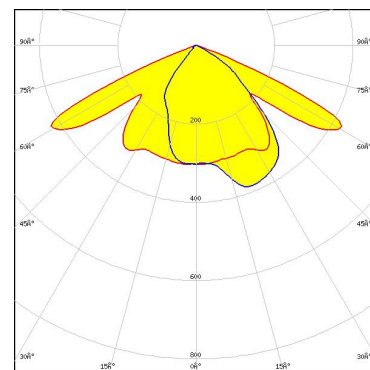
LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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:	

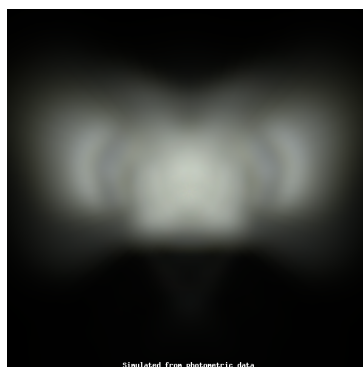


Light distribution files

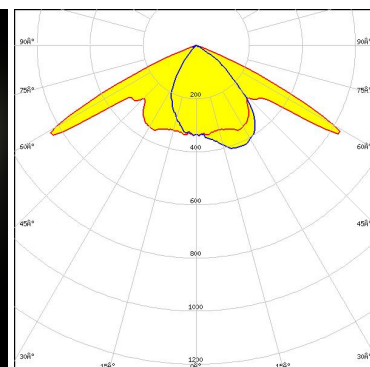
Protective plate, glass



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:	

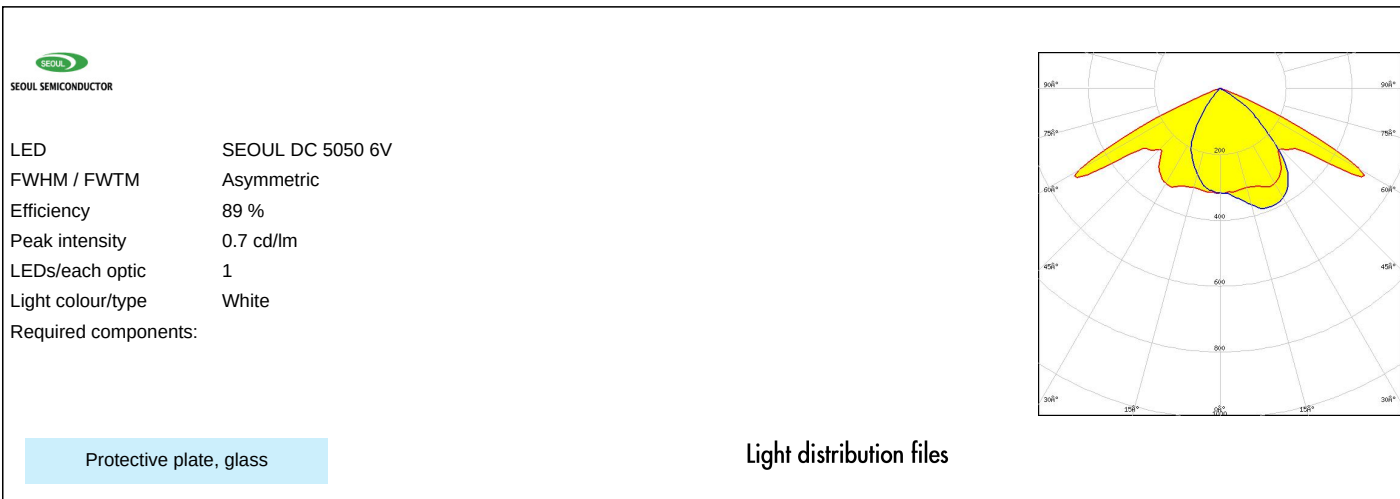


Simulated from photometric data



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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LEDiL Oy

Joensuunkatu 7
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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Distribution Partners

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