

STRADA-2X2-5050-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks.

SPECIFICATION:

Dimensions	49.8 x 49.8
Height	6.9 mm
ROHS compliant	yes ⓘ

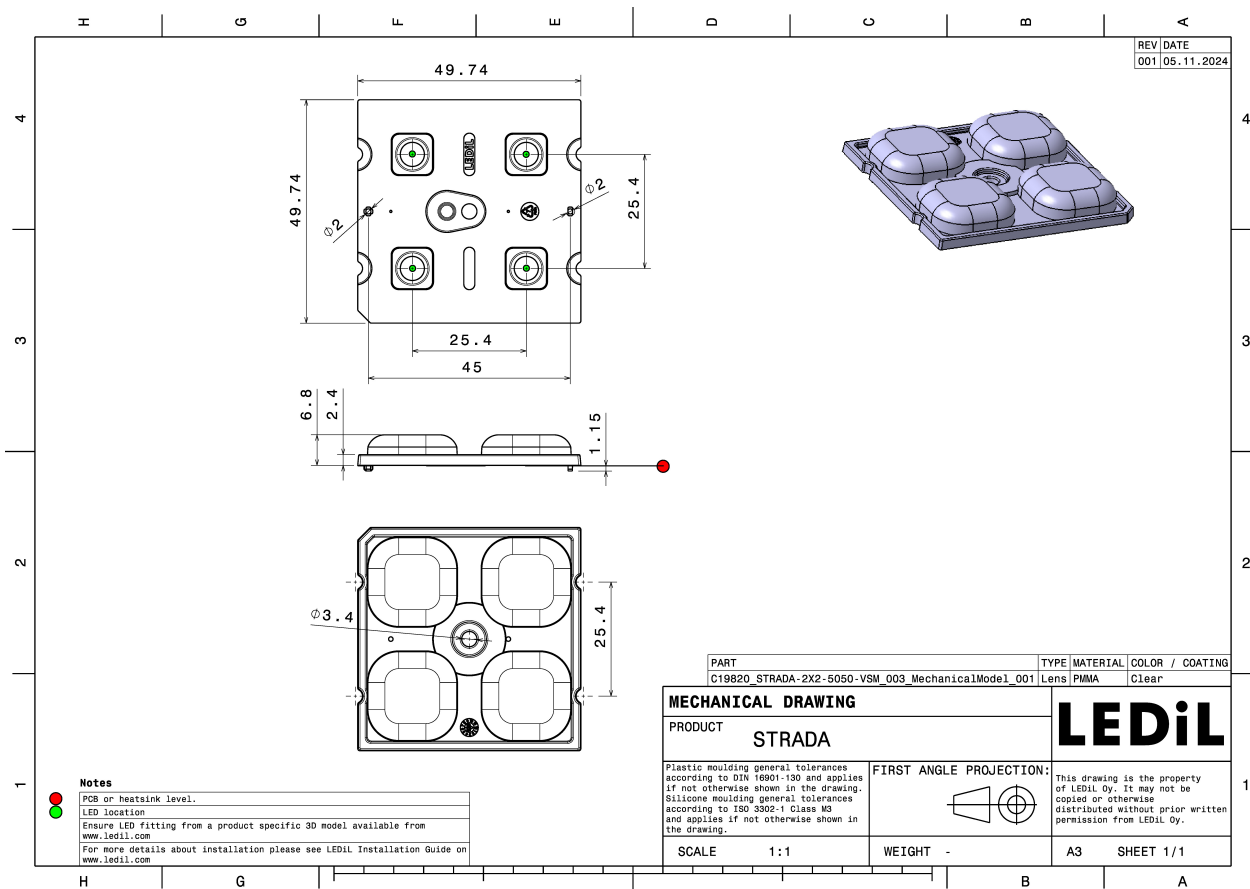


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19820_STRADA-2X2-5050-VSM » Box size: 480 x 280 x 300 mm	800	160	160	9.9

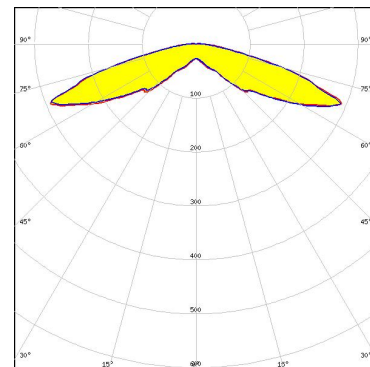


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



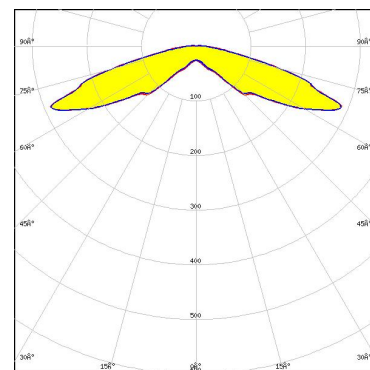
LED LUXEON 5050 HE Plus
 FWHM / FWTM 151.0° / 171.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 5050 Square LES
 FWHM / FWTM 151.0° / 171.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

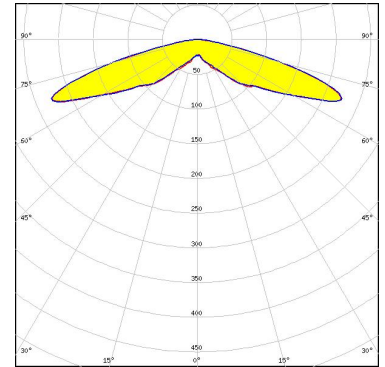
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 HE
 FWHM / FWTM 150.0° / 164.0°
 Efficiency 67 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

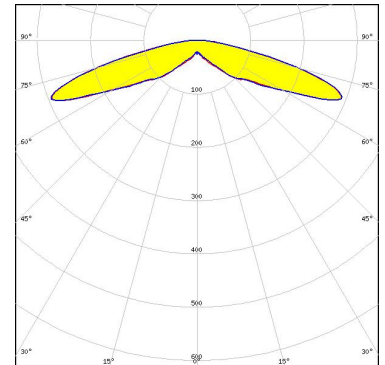
Protective plate, glass

Light distribution files



LED LUXEON 5050 HE
 FWHM / FWTM 154.0° / 172.0°
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

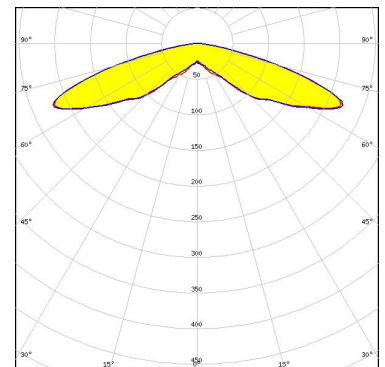
Light distribution files



LED LUXEON 5050 HE Plus
 FWHM / FWTM 150.0° / 165.0°
 Efficiency 69 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files

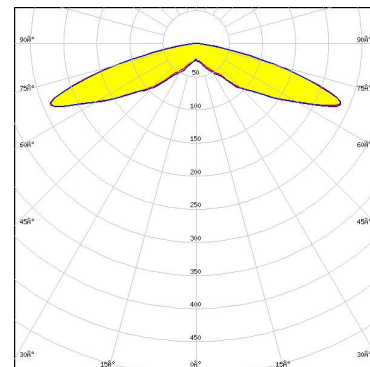


OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Square LES
 FWHM / FWTM 150.0° / 164.0°
 Efficiency 69 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

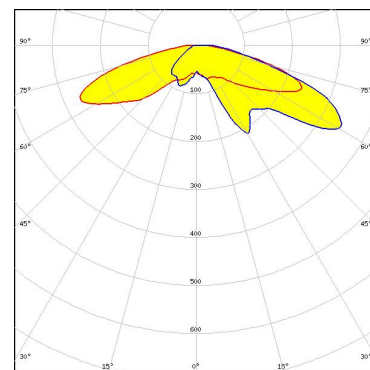
Protective plate, glass



Light distribution files



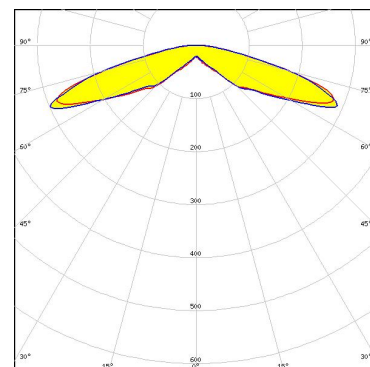
LED MP-5050-240E_810E
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17580_STRADA-2X2-SHD-WHT



Light distribution files



LED MP-5050-240E_810E
 FWHM / FWTM 152.0° / 170.0°
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

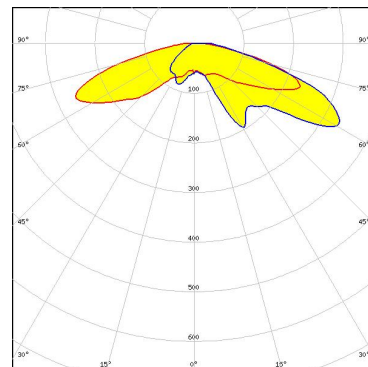


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED MP-5050-240E_810E
 FWHM / FWTM Asymmetric
 Efficiency 71 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17677_STRADA-2X2-SHD-BLK

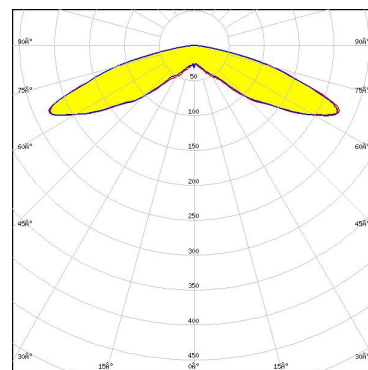


Light distribution files



LED Duris S8
 FWHM / FWTM 150.0° / 164.0°
 Efficiency 70 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

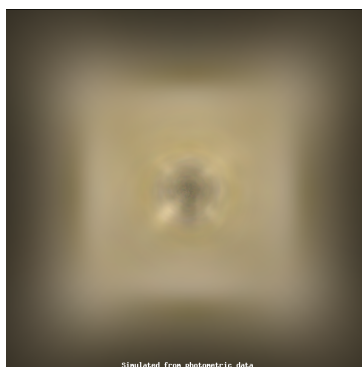
Protective plate, glass



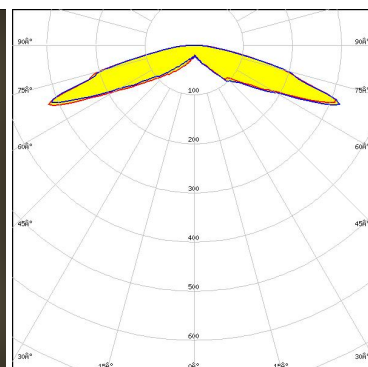
Light distribution files



LED OSCONIQ S 5050 SFC
 FWHM / FWTM 152.0° / 170.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Simulated from photometric data



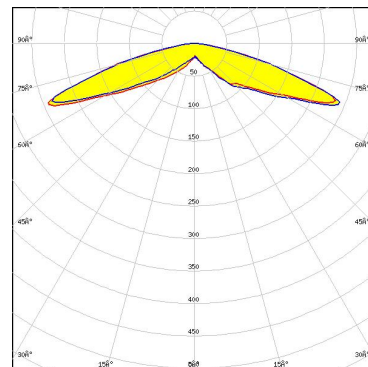
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED OSCONIQ S 5050 SFC
 FWHM / FWTM 150.0° / 164.0°
 Efficiency 67 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

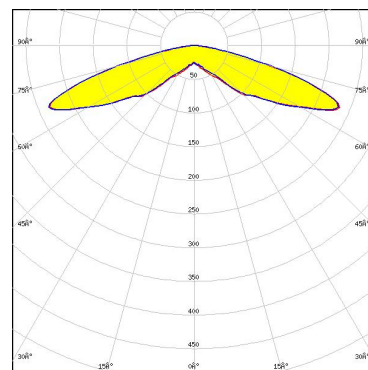


Light distribution files



LED LH502D
 FWHM / FWTM 150.0° / 164.0°
 Efficiency 70 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

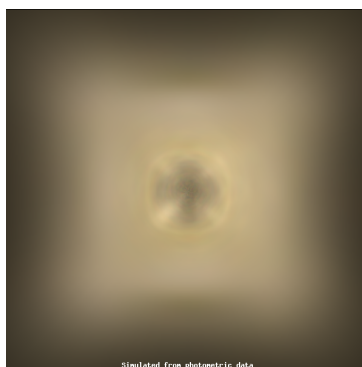
Protective plate, glass



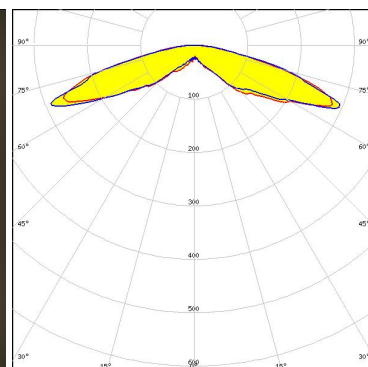
Light distribution files



LED Seoul 5050 G-Series
 FWHM / FWTM 152.0° / 171.0 + 170.0°
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

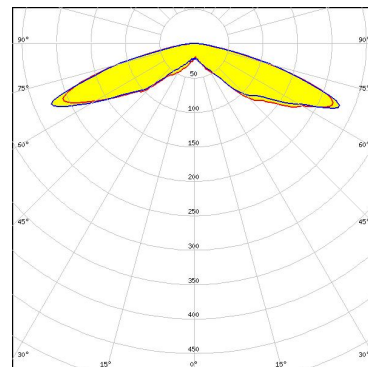


OPTICAL RESULTS (SIMULATED):



LED Seoul 5050 G-Series
 FWHM / FWTM 150.0° / 164.0°
 Efficiency 68 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

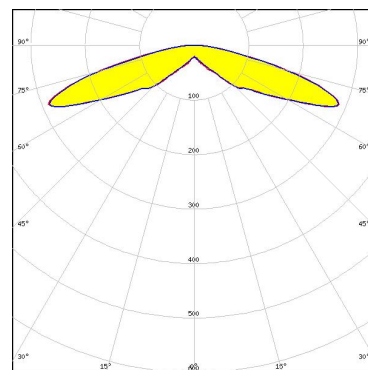
Protective plate, glass



Light distribution files

TRIDONIC

LED RLE 2x8 6000lm HP HE EXC3 OTD
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

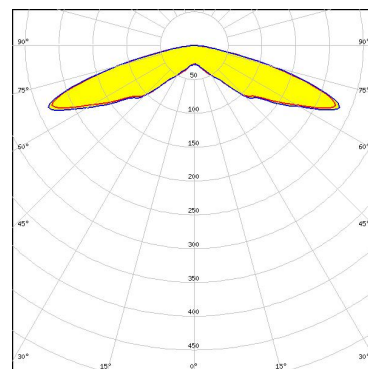


Light distribution files

TRIDONIC

LED RLE 2x8 6000lm HP HE EXC3 OTD
 FWHM / FWTM 150.0° / 164.0°
 Efficiency 71 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 7
FI-24100 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

[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)