STRADA-2X2-5050-T2-M

IESNA Type II (medium) beam with excellent illuminance uniformity and cutoff. Variant optimized for flat 5050 size LED packages.



TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	7.2 mm
Fastening	screw
ROHS compliant	yes

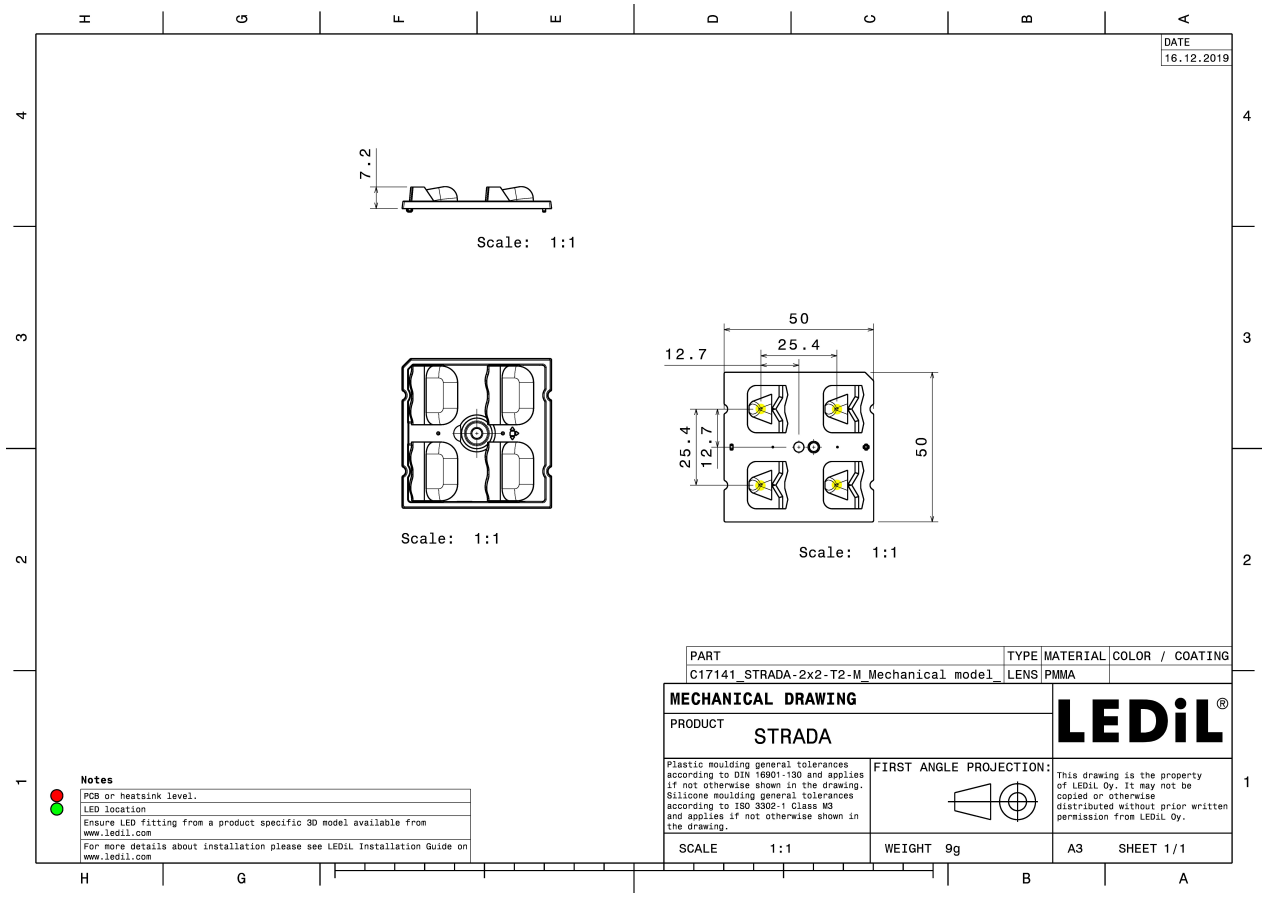
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-2X2-5050-T2-M	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17141_STRADA-2X2-5050-T2-M » Box size: 480 x 280 x 300 mm	800	160	160	7.8

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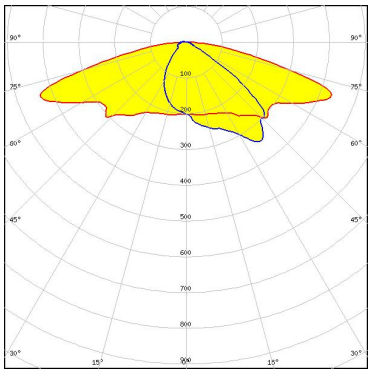
See also our general installation guide: www.ledil.com/installation_guide

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PHOTOMETRIC DATA (MEASURED):

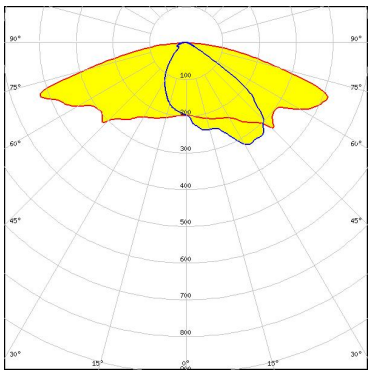
LUMILEDS

LED	LUXEON XR-5050 SQR (L213-xxxx016MRH001)
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



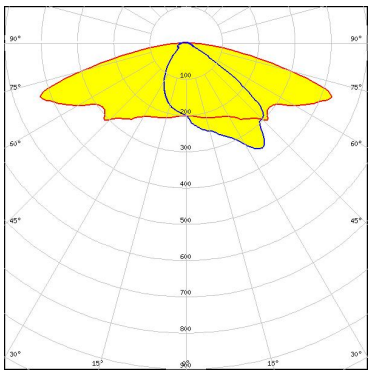
MST Your solutions

LED	RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHILIPS

LED	Fortimo FastFlex LED 2x8 DA HE
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



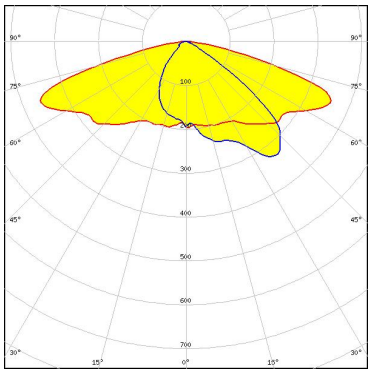
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PHOTOMETRIC DATA (SIMULATED):

CREE LED

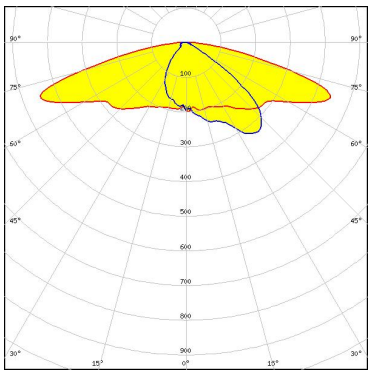
LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



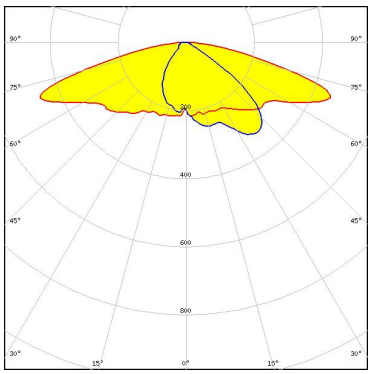
CREE LED

LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



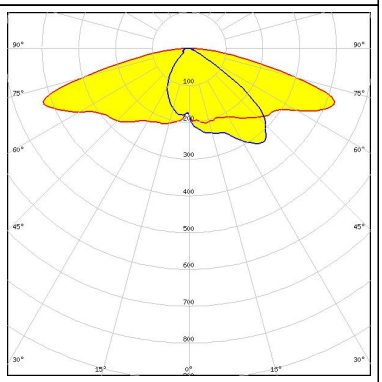
CREE LED

LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	J Series 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

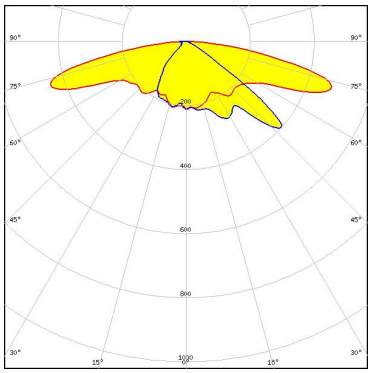


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PHOTOMETRIC DATA (SIMULATED):

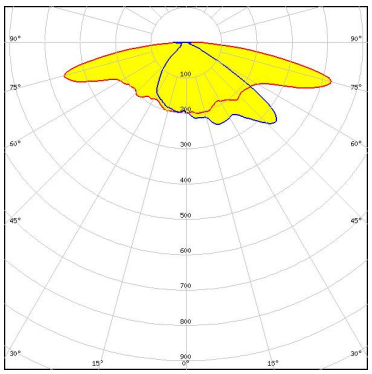
CREE LED

LED	XP-G2
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

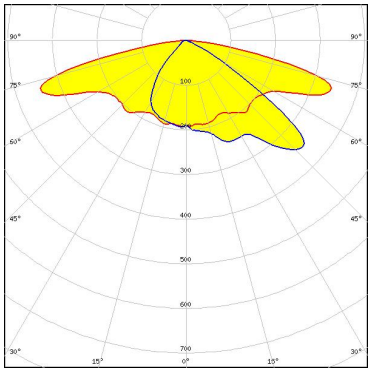
LED	XP-G2 HE
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

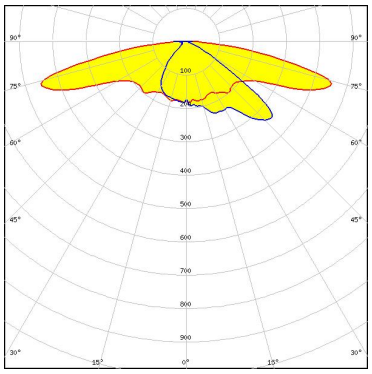
LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



CREE LED

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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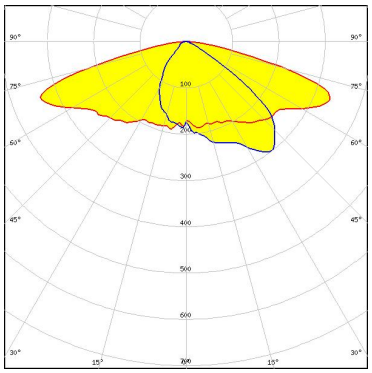
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

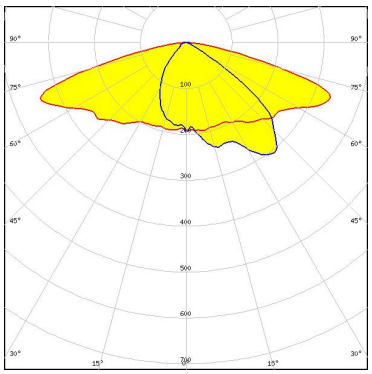


LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

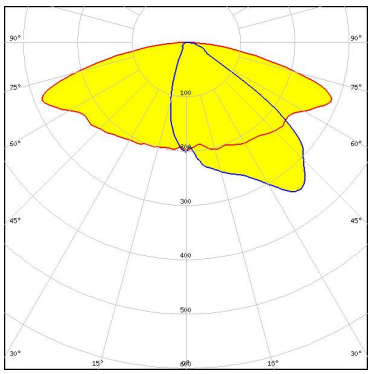


LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

C17580_STRADA-2X2-SHD-WHT

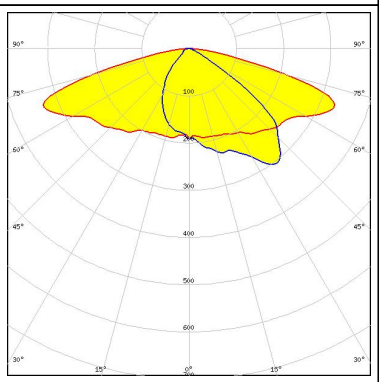


LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



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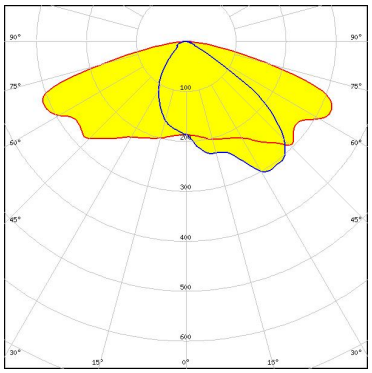
PHOTOMETRIC DATA (SIMULATED):

MST Your solutions

LED	RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

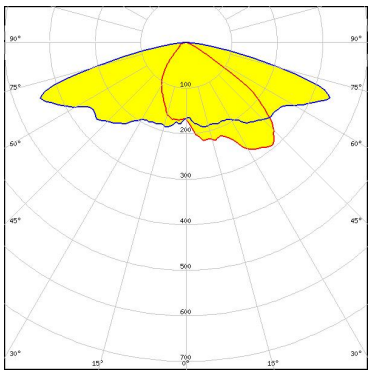


NICHIA

LED	NFMW48xA
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

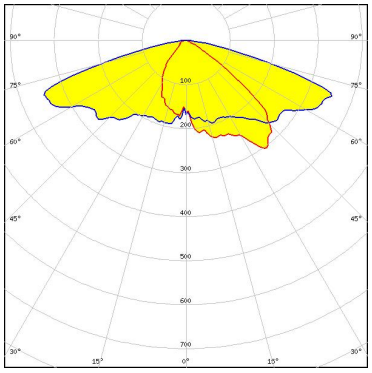


OSRAM
Opto Semiconductors

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

Required components:

Protective plate, glass

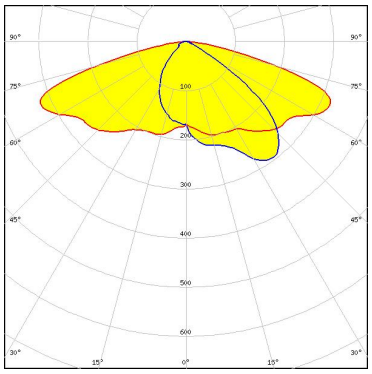


OSRAM
Opto Semiconductors

LED	OSCONIQ S 5050
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

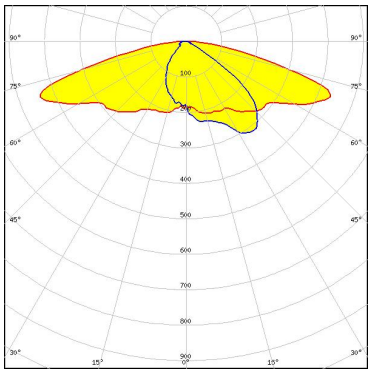


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PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

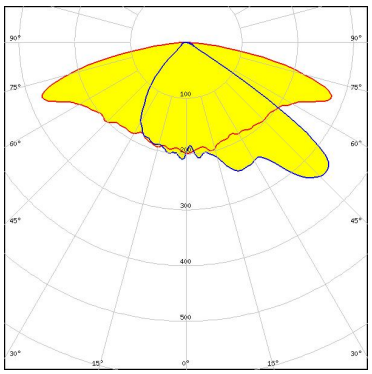
LED	OSCONIQ S 5050
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351C
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

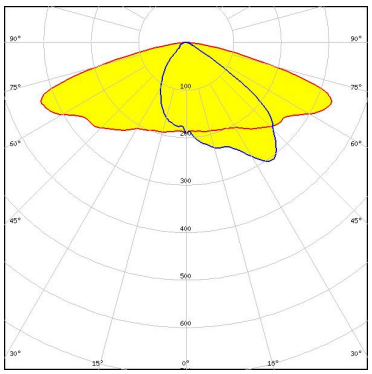
Protective plate, glass



SAMSUNG

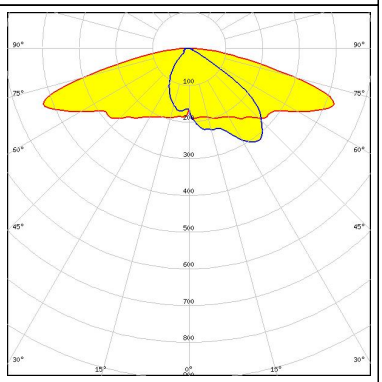
LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



SEOUL SEMICONDUCTOR

LED	MJT 5050
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

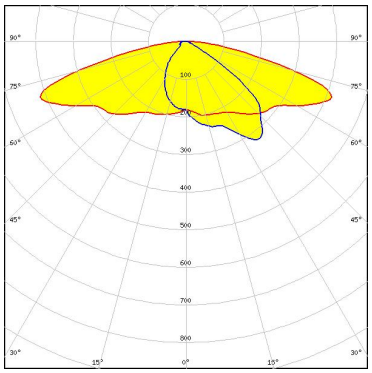


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PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

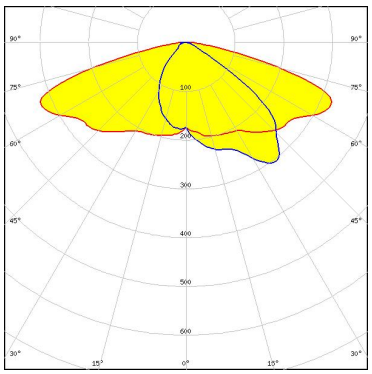
LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



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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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