

PRODUCT DATASHEET C14517_STRADA-2X2-DWC-PC

STRADA-2X2-DWC-PC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III Medium. Variant made from PC.

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	6 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



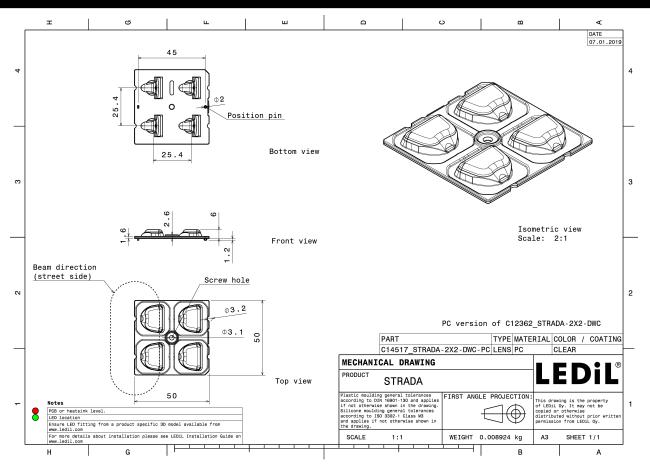
MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-2X2-DWC-PC	Multi-lens	PC	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14517_STRADA-2X2-DWC-PC	800	160	160	7.9
» Box size: 480 x 280 x 300 mm				

PRODUCT DATASHEET C14517_STRADA-2X2-DWC-PC



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



OPTICAL RESULTS (MEASURED):

		50* 50*
LED	XP-G2	
FWHM / FWTM	Asymmetric	730 00 70
Efficiency	89 %	
Peak intensity	0.8 cd/lm	50 ⁴ 50 ⁴
LEDs/each optic	1	X
	White	
Light colour		6°
Required compone	IIS.	1000
		1200
		30* 1400 30* 30*
CREE ≑		
LEDS		90* 90*
LED	XP-G3	
FWHM / FWTM	Asymmetric	200 /00
Efficiency	91 %	50%
Peak intensity	0.6 cd/lm	400 00
LEDs/each optic	1	$\vee \times / \vee \times \vee$
Light colour	White	45* 800 45*
Required compone	its:	
		200
		30° 15 ⁵ 0° 15° 30°
MST Your solut	ons	90* 90* 90*
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1	
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	91 %	
Peak intensity	0.7 cd/lm	.60° 400 60°
LEDs/each optic	1	$\vee \times \square \times \vee$
Light colour	White	45* 500
Required compone		000
		X / T
		1000
		30° 1250 30° 30°
OSRAM		
Opto Semiconductors		90* 90*
	OSLON Square CSSRM2/CSSRM3	
	A symmetric	75
LED FWHM / FWTM	Asymmetric	134 Att
FWHM / FWTM Efficiency	89 %	
FWHM / FWTM Efficiency Peak intensity	89 % 0.8 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	89 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	89 % 0.8 cd/lm 1 White	25° 200 45°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	89 % 0.8 cd/lm 1 White	50° (67
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	89 % 0.8 cd/lm 1 White	50° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	89 % 0.8 cd/lm 1 White	50° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	89 % 0.8 cd/lm 1 White	



OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors	
LED	OSLON Square P
FWHM / FWTM Efficiency	Asymmetric 81 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required compone	ents:
Protective	e plate, glass



OPTICAL RESULTS (SIMULATED):

	95	80°
LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	75*
Efficiency	85 %	200
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400
Required components:		
		00
		30* 70
Μ ΝΙCΗΙΛ		150 000 150
		90*
	NV4WB35AM	759 100
FWHM / FWTM	Asymmetric	200
Efficiency	87 % 0.5 cd/lm	50*
Peak intensity		
LEDs/each optic Light colour	1 White	40
	white	45* 500
Required components:		60
		700
		30* <u>10</u> ⁵ 0° 15°
ΜΝΙCΗΙΛ		
LED	NVSW519A	3
FWHM / FWTM	Asymmetric	75*
Efficiency	80 %	
Peak intensity	0.4 cd/lm	.61% 300
	0.4 cd/lm 1	.65*
LEDs/each optic		20 ⁵ - 200
Peak intensity LEDs/each optic Light colour Required components:	1	10 ²
LEDs/each optic	1	60 ⁴ 300 60 ⁴ 500 60 ⁴ 500
LEDs/each optic Light colour	1	er
LEDs/each optic Light colour	1	60 ⁴ 160 160 160 160 160 100 100 100
LEDs/each optic Light colour Required components:	1	20 20 20 20 20 20 20 20 20 20
LEDs/each optic Light colour Required components:	1 White	
LEDs/each optic Light colour Required components:	1 White NVSW519A	20 20 20 20 20 20 20 20 20 20
LEDs/each optic Light colour Required components:	1 White NVSW519A Asymmetric	
LEDs/each optic Light colour Required components:	1 White NVSW519A Asymmetric 80 %	20 ⁴ 00 00 00 00 00 00 00 00 00 0
LEDs/each optic Light colour Required components:	1 White NVSW519A Asymmetric 80 % 0.3 cd/lm	60 ⁴ 60 60 60 60 60 60 60 60 60 60
LEDs/each optic Light colour Required components: NICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White NVSW519A Asymmetric 80 % 0.3 cd/lm 1	
LEDs/each optic Light colour Required components: NICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White NVSW519A Asymmetric 80 % 0.3 cd/lm	
LEDs/each optic Light colour Required components: NICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White NVSW519A Asymmetric 80 % 0.3 cd/lm 1	
LEDs/each optic Light colour Required components: WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	1 White NVSW519A Asymmetric 80 % 0.3 cd/lm 1 White	
LEDs/each optic Light colour Required components: NICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White NVSW519A Asymmetric 80 % 0.3 cd/lm 1 White	



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 13 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 www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy