

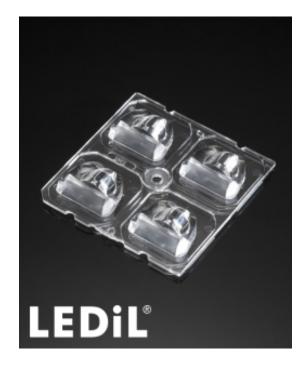
PRODUCT DATASHEET C14517_STRADA-2X2-DWC-PC

STRADA-2X2-DWC-PC

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

TECHNICAL SPECIFICATIONS:

Dimensions50.0 x 50.0 mmHeight6 mmFasteningpin, screwROHS compliantyes ⁽¹⁾



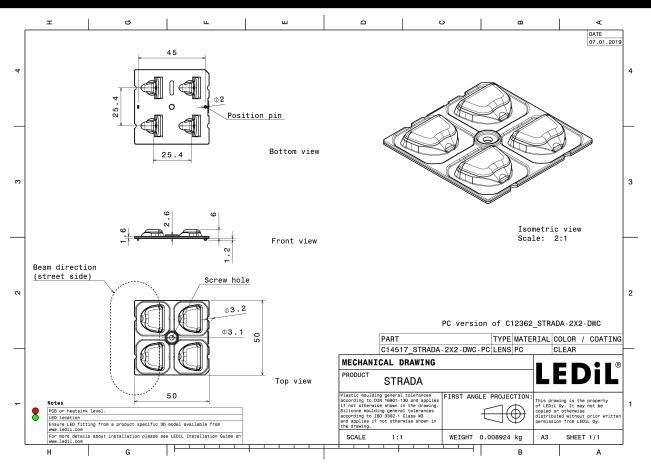
MATERIAL SPECIFICATIONS:

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				

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



PHOTOMETRIC DATA (MEASURED):

		90* 90*
LED	XP-G2	
FWHM / FWTM	Asymmetric	750 00 771
Efficiency	89 %	400
Peak intensity	0.8 cd/lm	60 ⁴
LEDs/each optic	1	60
Light colour	White	45° 80 45°
Required componer	nts:	
		2000
		1230
		30 ⁴ 1400 30 ⁴
		30° 1400 30° 30° 30°
		90° - 91°.
LED	XP-G3	
FWHM / FWTM	Asymmetric	736 200 78°
Efficiency	91 %	50 ⁴ 50 ⁴
Peak intensity	0.6 cd/lm	400
LEDs/each optic	1	
Light colour	White	45° 600 45°
Required componer	nts:	
		\times / \top / \times
		1000
		30* 30*
	200	
MST Your soluti		90° 90°
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1	50 ⁻
LED FWHM / FWTM	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric	90° 90° 20 000 75°
LED FWHM / FWTM Efficiency	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 %	90° 97° 75° 200 75° 00° 400 60°
LED FWHM / FWTM Efficiency Peak intensity	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1	200 75°. 60° 400 60°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White	200 75°. 60° 400 60°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White	200 75°. 60° 400 60°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White	79 00 77 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White	79 00 77 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM / FWTM	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White hts: OSLON Square CSSRM2/CSSRM3 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White hts: OSLON Square CSSRM2/CSSRM3 Asymmetric 89 %	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White hts: OSLON Square CSSRM2/CSSRM3 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White hts: OSLON Square CSSRM2/CSSRM3 Asymmetric 89 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 89 % 0.8 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Destruction Required component Efficiency Peak intensity LEDs/each optic	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 89 % 0.8 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 89 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	RecLED 122x50mm 1900lm 730 2x4 Opt G1 Asymmetric 91 % 0.7 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 89 % 0.8 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors			90*
LED	OSLON Square F	c	
FWHM / FWTM	Asymmetric		75*
Efficiency	81 %		
Peak intensity	0.5 cd/lm		160-
LEDs/each optic	1		\times
Light colour	White		45*
Required compone	ents:		
Protective	e plate, glass		
			30*
			15*



PHOTOMETRIC DATA (SIMULATED):

MICHIΛ		90°
LED	NV4WB35AM	100
FWHM / FWTM	Asymmetric	230
Efficiency	87 %	
Peak intensity	0.5 cd/lm	507 <u>300</u>
LEDs/each optic	1	400
Light colour	White	45* 500
Required components:		
		000
		760
		200
~		
MICHIΛ		20*
LED	NVSW519A	4
FWHM / FWTM	Asymmetric	720
Efficiency	80 %	
Peak intensity	0.3 cd/lm	^{60*}
LEDs/each optic	1	
Light colour	White	45* 340
Required components:		
Protective pla	te alass	400
i loteotive pla	ie, glass	
		30* 10* 0* 10*
Μ ΝΙCΗΙΛ		
LED	NVSW519A	20-
FWHM / FWTM	Asymmetric	75%
Efficiency	80 %	
Peak intensity	0.4 cd/lm	40%
LEDs/each optic	1	
Light colour	White	40 40
Required components:		
		500
		740
		30* <u>15</u> * <u>8</u> * <u>15</u> *



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.

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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

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