

PRODUCT DATASHEET FP15672_STRADA-2X2MXS-T4-B

STRADA-2X2MXS-T4-B

Wide IESNA Type IV forward-throw beam for wide area lighting like car parks.

TECHNICAL SPECIFICATIONS:

Dimensions	90.0 x 90.0 mm
Height	14.2 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

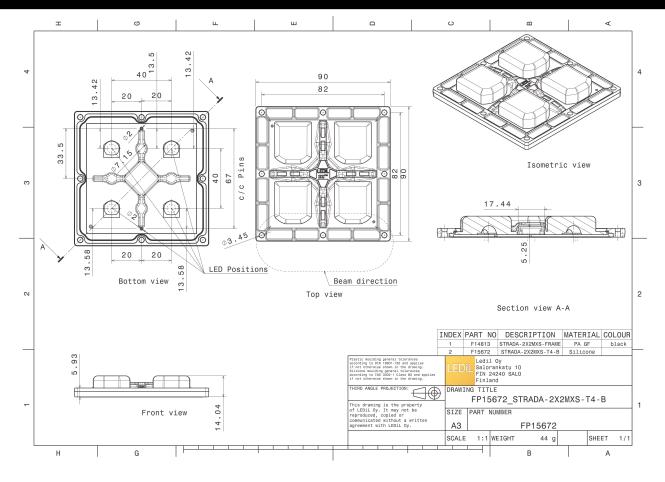
Component	Туре	Material	Colour	Finish
STRADA-2X2MXS-T4-B	Multi-lens	Silicone	clear	
STRADA-2X2MXS-FRAME	Holder	PA66	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP15672_STRADA-2X2MXS-T4-B	Multi-lens	216	24	12	11.4
» Box size: 398 x 298 x 265 mm					



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



PHOTOMETRIC DATA (MEASURED):

M LUMIL	EDS	50*
LED	LUXEON M/MX	200
FWHM / FWTM	Asymmetric	75* 200 75*
Efficiency	90 %	
Peak intensity	0.6 cd/lm	60° 300 60°.
LEDs/each optic	1	400
Light colour	White	45" 500 45"
Required componer		
		700
		00
		30° 15 ³ 80 15 ⁴ 30°
UMIL	EDS	90* 90*
LED	LUXEON XR-7070	2
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	89 %	210
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	$X \times T \times X$
Light colour	White	40° 400 43
Required componer	nts:	5%0
		500
		710
		15 ² 0 ⁶ 15 ¹
MNICHIA		90* 90*
LED	NV4x144A	2
FWHM / FWTM	Asymmetric	25* 100 75*
Efficiency	87 %	200
Efficiency Peak intensity		
	87 %	200 60* 200 60*
Peak intensity LEDs/each optic Light colour	87 % 0.6 cd/lm 1 White	0 ¹¹ 20 60 60 67
Peak intensity LEDs/each optic	87 % 0.6 cd/lm 1 White	5°
Peak intensity LEDs/each optic Light colour	87 % 0.6 cd/lm 1 White	200 200 400 200 200 200 200 200 200 200
Peak intensity LEDs/each optic Light colour	87 % 0.6 cd/lm 1 White	20 20 40 50 50 50 50 50 50 50 50 50 5
Peak intensity LEDs/each optic Light colour	87 % 0.6 cd/lm 1 White	200 200 200 200 200 200 200 200
Peak intensity LEDs/each optic Light colour Required componen	87 % 0.6 cd/lm 1 White nts:	90 60 70
Peak intensity LEDs/each optic Light colour Required componen	87 % 0.6 cd/lm 1 White nts:	90 60 70
Peak intensity LEDs/each optic Light colour Required component	87 % 0.6 cd/lm 1 White nts: NV9W149AM	90 60 70
Peak intensity LEDs/each optic Light colour Required component MICHIA LED FWHM / FWTM	87 % 0.6 cd/lm 1 White hts: NV9W149AM Asymmetric	90 60 70
Peak intensity LEDs/each optic Light colour Required component MICHIA LED FWHM / FWTM Efficiency	87 % 0.6 cd/m 1 White nts: NV9W149AM Asymmetric 86 %	90 60 70
Peak intensity LEDs/each optic Light colour Required component MICHINA LED FWHM / FWTM Efficiency Peak intensity	87 % 0.6 cd/m 1 White hts: NV9W149AM Asymmetric 86 % 0.4 cd/m	90 60 70
Peak intensity LEDs/each optic Light colour Required component WICHINA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	87 % 0.6 cd/m 1 White hts: NV9W149AM Asymmetric 86 % 0.4 cd/lm 1	90 60 70
Peak intensity LEDs/each optic Light colour Required component Microsoft LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	87 % 0.6 cd/m 1 White NV9W149AM Asymmetric 86 % 0.4 cd/m 1 White	90 60 70
Peak intensity LEDs/each optic Light colour Required component WICHINA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	87 % 0.6 cd/m 1 White NV9W149AM Asymmetric 86 % 0.4 cd/m 1 White	90 60 70
Peak intensity LEDs/each optic Light colour Required component Microsoft LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	87 % 0.6 cd/m 1 White NV9W149AM Asymmetric 86 % 0.4 cd/m 1 White	90 60 70
Peak intensity LEDs/each optic Light colour Required component Microsoft LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	87 % 0.6 cd/m 1 White NV9W149AM Asymmetric 86 % 0.4 cd/m 1 White	90 60 70



PHOTOMETRIC DATA (MEASURED):

SVWSI	UNG	90* 90*
LED	HiLOM SC16 (LH181B)	7.00
FWHM / FWTM	Asymmetric	75*
Efficiency	89 %	200
Peak intensity	0.6 cd/lm	.60° 300 60*
LEDs/each optic	1	
Light colour	White	45* 200 45*
Required compone	ents:	
		710
		30° 00 30°.
I		15° 0° 15°
		90* 90*
	WICOP 5050	90°
SEOUL SEMICONDUCTOR	WICOP 5050 Asymmetric	35° 35° 200 35°
seoul semiconductor		The second secon
seoul semiconductor LED FWHM / FWTM	Asymmetric	7°
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 87 %	7°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 87 % 0.6 cd/lm	7°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 0.6 cd/lm 1 White	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.6 cd/lm 1 White	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.6 cd/lm 1 White	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 0.6 cd/lm 1 White	200 200 200 200 200 60° 60°



bridgelux.		
LED	Bridgelux SMD 5050	
FWHM / FWTM		710 770
	Asymmetric	200
Efficiency	87 %	.60 ⁴ 300 60 ⁴
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	$X \times T \times X$
Light colour	White	45* 200 45*
Required components:		800
		700
		X NO X
		30* 35 ⁴ 200 15* 30 ⁴
CITIZEN		
CITIZEN		90* 90*
LED	CLU700/701/702	
FWHM / FWTM	Asymmetric	
Efficiency	85 %	
Peak intensity	0.6 cd/lm	300
LEDs/each optic	1	400
Light colour	White	45* 760 45*
Required components:		
Bender Wirth: 434 Ty	p 2x2MX HV	
		700
		800
		15 ³ 0 ⁶ 15 ⁴ 30 ⁴
		90°
	J Series 5050 Square LES 6V	87
	J Series 5050 Square LES 6V Asymmetric	20
LED FWHM / FWTM	J Series 5050 Square LES 6V Asymmetric 84 %	20
LED FWHM / FWTM Efficiency	Asymmetric 84 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 84 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 84 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 84 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm 1	97 70 60 60 60 60 60 60 60 60 60 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm 1	pr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1	90 70 80
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1 White	70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B	90 70 80
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric	90 70 80
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 %	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 % 0.6 cd/lm	200 700 900 900 900 900 900 900 900 900 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 84 % 0.6 cd/lm 1 White MHB-A/B Asymmetric 86 % 0.6 cd/lm 1	



		90* 90* 90*
LED	MHD-E/G	
FWHM / FWTM	Asymmetric	730 700 730
	87 %	
Efficiency		.50*
Peak intensity	0.4 cd/lm	XXX
LEDs/each optic	1	$X \times I \times X$
Light colour	White	45* 460 45*
Required components:		70
		640
		30° <u>15</u> ° <u>700</u> 33°
		90° 90°
LED	XHP50.3 HD	
FWHM / FWTM	Asymmetric	756
Efficiency	85 %	XXX + av
Peak intensity	0.5 cd/lm	504 504
LEDs/each optic	1	
Light colour	White	
Required components:	White	45° 50 65°
Required components.		500
		710
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁵ 30 ⁴
		THANKAHI
		90° 90°
	XHP50.3 HI	75 4 4 4 4 7 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7
FWHM / FWTM	Asymmetric	200
Efficiency	86 %	50* 300 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	500
Light colour	White	6°
Required components:		
		740
		30° <u>30°</u> 39° 30°
	V/UD70	
	XHP70	
FWHM / FWTM	Asymmetric	
Efficiency	0 %	
LEDs/each optic	1	
Light colour	White	
Required components:		



LED	XHP70.2	90* 90*
FWHM / FWTM	Asymmetric	73° 75°
Efficiency	81 %	
-	0.4 cd/lm	60° 60°
Peak intensity		
LEDs/each optic		
Light colour	White	45° 400 45°
Required components:		X/T/X
		30* 15 ³ 0 ⁴ 15 ⁴ 30*
		90* 90*
LED	XHP70.3 HD	100
FWHM / FWTM	Asymmetric	
Efficiency	86 %	50%
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		00
1		30° 30°
		30* <u>15</u> ⁵ <u>76</u> 0 <u>15</u> * <u>30*</u>
		100° 10 ⁰ 10° 30°
	XP-G3	10° 10° 10° 10° 10°
	XP-G3 Asymmetric	20°
LED		20° 10° 20° 20° 20° 10° 20° 20° 20° 20° 20° 20° 20°
LED FWHM / FWTM	Asymmetric	20° 10° 10° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
LED FWHM / FWTM Efficiency	Asymmetric 83 %	20° 10° 10° 20° 10° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 83 % 0.4 cd/lm	200° 10° 20° 20° 20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 83 % 0.4 cd/lm 4	20° 10° 10° 20° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 83 % 0.4 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 83 % 0.4 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 83 % 0.4 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 83 % 0.4 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White S LUXEON 5050 Round LES	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White S LUXEON 5050 Round LES Asymmetric 86 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White S LUXEON 5050 Round LES Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White UXEON 5050 Round LES Asymmetric 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White S LUXEON 5050 Round LES Asymmetric 86 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White UXEON 5050 Round LES Asymmetric 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White UXEON 5050 Round LES Asymmetric 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 83 % 0.4 cd/lm 4 White UXEON 5050 Round LES Asymmetric 86 % 0.7 cd/lm 1	



Μ ΝΙCΗΙΛ		50°
LED	NFMW48xA	
FWHM / FWTM	Asymmetric	75°
Efficiency	87 %	
Peak intensity	0.7 cd/lm	50* 50*
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		00 00 00 00 00 00 00 00 00 00 00 00 00
ØNICHIA		90° 30°
LED	NV4WB35AM	hum
FWHM / FWTM	Asymmetric	75°
Efficiency	87 %	
Peak intensity	0.7 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 560 45*
Required components:		50° 50° 50° 50°



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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 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/

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