

PRODUCT DATASHEET CA14032_STRADA-SQ-T4

STRADA-SQ-T4

IESNA Type IV beam for wider roads and large outdoor areas. Version with location pins. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening ROHS compliant 25.0 x 25.0 mm 9.4 mm tape, pin, screw yes ()



MATERIAL SPECIFICATIONS:

Component STRADA-SQ-T4 ROSE-TAPE

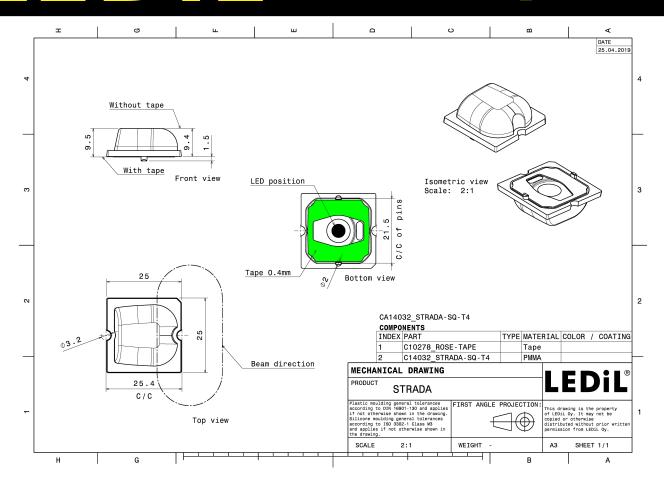
Туре	
Single lens	
Таре	

Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14032_STRADA-SQ-T4	Single lens			98	7.6
» Box size:					

PRODUCT DATASHEET CA14032_STRADA-SQ-T4



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



PHOTOMETRIC DATA (MEASURED):

	2	90° 90°
LED	MK-R	
FWHM / FWTM	Asymmetric	73° 100 73°
Efficiency	92 %	
Peak intensity	0.5 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	300
Light colour	White	
Required compone		400
		500
		30° 15° 30°
	2	90°
LED	XHP50	
FWHM / FWTM	Asymmetric	75* 100 76*
Efficiency	93 %	
Peak intensity	0.6 cd/lm	, 60 ⁴
LEDs/each optic	1	X Joe X
Light colour	White	13°
Required compone	nts:	400
		000
		30* 15 ⁵ 0 ⁶ 13* 30*
🖉 LUMIL	EDS	90* 99*
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	75°
Efficiency	92 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	200
Light colour	White	45. 45'
Required compone	nts:	
		500
		30* 000
	EDS	129 00 129
		90* 90*
LED	LUXEON MZ	750 100 750
FWHM / FWTM	Asymmetric	
Efficiency	93 %	60 ⁴ 60 ⁴
Peak intensity	0.7 cd/lm	\times
LEDs/each optic	1	$\times \times / \land \times \times$
Light colour	White	45° 400 45°
Required compone	115.	
		600
		30° 15° 700 15° 30°



PHOTOMETRIC DATA (MEASURED):

-		
🕙 LUMIL	EDS	90° 90°
LED	LUXEON TX	21
FWHM / FWTM	Asymmetric	751 200 751
Efficiency	93 %	
Peak intensity	0.7 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	' White	
Required compone		e2°
Required compone	113.	
		000
		30° 15° 700 15° 30°
	EDS	THY KHI
		90° 90°
LED	LUXEON XR-M linear 1x3, 1x4, 1x5	25* 100 25*
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60%
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	455 400 457
Required compone	nts:	
		600
		30*
ØNICHI		THY HI
LED	NV4x144A	80* 90*
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	92 %	
Peak intensity	0.6 cd/lm	60* 200 60*
LEDs/each optic	1	
Light colour	White	
Required compone		460
required compone		XITX
		540
		30* <u>600</u> 15 ² 0 ³ 15* 30*
ØNICHI		
LED	NVSW319B	
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	93 %	
Peak intensity	0.7 cd/lm	50* 60*
LEDs/each optic	1	X 7 X
Light colour	' White	
Required compone		400 45°
	110.	500
		\times
		000
		30* 30*
		152 02 184



PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors		90*
LED	Duris S10	
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	91 %	
Peak intensity	0.5 cd/lm	601
LEDs/each optic	1	30
Light colour	White	43°
Required compone	nts:	400
		15 ⁵ 0 ⁶ 15 ⁶
OSRAM Opto Semiconductors		90* 90
LED	Duris S8	En la
FWHM / FWTM	Asymmetric	730 100 750
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required compone	nts:	50
		600
		30° 15° 0° 15° 30°
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y50P	
FWHM / FWTM	Asymmetric	251 100 751
Efficiency	89 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	X X M
Light colour	White	-0°
Required compone	nts:	400
		X Too
		30° 15° 66 15° 30°



PHOTOMETRIC DATA (SIMULATED):

		50° 50°
LED	MHB-A/B	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	300
Light colour	White	45* 400 45*
Required components:		X X
		600
		(30° 13° 0° 15° 30°
		90 ³
LED	XM-L2	3
FWHM / FWTM	Asymmetric	738 200 755
Efficiency	95 %	
Peak intensity	0.6 cd/lm	50 ⁴ 50 ⁴
LEDs/each optic	1	$\times \times / \top \setminus \times \times$
Light colour	White	40° 40° 45°
Required components:		
		X 700 X
1		30* 30*
		30° 15° 0° 15° 30°
)S	90° 10° 10° 90°
	LUXEON 5050 Round LES	50* <u>10</u> * 0* <u>10</u> * 0*
		50° 13° 0° 13° 0°
LED	LUXEON 5050 Round LES	20* 15* 0* 15* 0* 20* 0* 0* 20 0* 200 0* 200 0*
LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric	20° 12° 20° 20° 20° 20°
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 94 %	20° 15° 0° 15° 20° 20° 20° 0° 15° 20°
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm	200 - 20 200 - 200 200 - 200 200 - 200 200 - 200 200 - 200 200 - 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White NVSW219F	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White NVSW219F Asymmetric 95 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White NVSW219F Asymmetric 95 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White NVSW219F Asymmetric 95 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White NVSW219F Asymmetric 95 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White NVSW219F Asymmetric 95 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White NVSW219F Asymmetric 95 % 0.6 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

Μ ΝΙCΗΙΛ		
LED	NVSxx19B/NVSxx19C	90°
EED FWHM / FWTM		750 200 770
	Asymmetric	
Efficiency	93 %	60°
Peak intensity	0.6 cd/lm	30
LEDs/each optic	1	400
Light colour	White	45* 43*
Required components:		200
		60
		30° 30°
<i>A</i>		
MICHIΛ		90° 90°
LED	NVSxx19B/NVSxx19C	730 770
FWHM / FWTM	Asymmetric	
Efficiency	92 %	66 ¹⁰ 60 ¹⁰
LEDs/each optic	1	400
Light colour	White	45° 45°.
Required components:		20
		600
		70
		12 ⁵ 0 ⁶ 15 ⁶ 36 ⁶
OSRAM Opto Semiconductors		
LED	OSCONIQ P 3737 (2W version)	Y Y
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	
Emolority		
Peak intensity		.60 ⁴ 300 60 ⁴
Peak intensity	0.7 cd/lm	50° 300 60°.
LEDs/each optic	0.7 cd/lm 1	
LEDs/each optic Light colour	0.7 cd/lm	60°. 400 407 500 60°.
LEDs/each optic	0.7 cd/lm 1	50° 300 60°.
LEDs/each optic Light colour	0.7 cd/lm 1	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LEDs/each optic Light colour	0.7 cd/lm 1	60° (60° (60° (60° (60° (60° (60° (60° (
LEDs/each optic Light colour	0.7 cd/lm 1	60 ⁴ 90 60 ⁴ 60 ⁴ 90 60 ⁴ 60 ⁵ 90 60 ⁵ 70 0 ⁶ 50 ⁵ 60 ⁵ 20 ⁵ 90 20 ⁵ 30 ⁵
LEDs/each optic Light colour	0.7 cd/lm 1	50 60 70 70
LEDs/each optic Light colour Required components:	0.7 cd/lm 1 White	50 60 70 70
LEDs/each optic Light colour Required components:	0.7 cd/lm 1 White OSCONIQ P 7070	50 60 70 70
LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM	0.7 cd/m 1 White OSCONIQ P 7070 Asymmetric	50 60 70 70
LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	0.7 cd/m 1 White OSCONIQ P 7070 Asymmetric 91 %	50 60 70 70
LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	0.7 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 0.6 cd/lm	50 60 70 70
LEDs/each optic Light colour Required components: OPD SEMICONDUCTOR OPD SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.7 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 0.6 cd/lm 1	
LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 0.6 cd/lm	50 60 70 70
LEDs/each optic Light colour Required components: OPD SEMICONDUCTOR OF SEMICONDUCTOR DED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.7 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 0.6 cd/lm 1	
LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 0.6 cd/lm 1	
LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 0.6 cd/lm 1	
LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 0.6 cd/lm 1	



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:

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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

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