

PRODUCT DATASHEET C14501_STRADELLA-T3

STRADELLA-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height

TECHNICAL SPECIFICATIONS:

Dimensions	13.9 x 13.9 mm
Height	5 mm
Fastening	glue, pin
ROHS compliant	yes 🕕



MATERIAL SPECIFICATIONS:

Component STRADELLA-T3 **Type** Single lens

Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

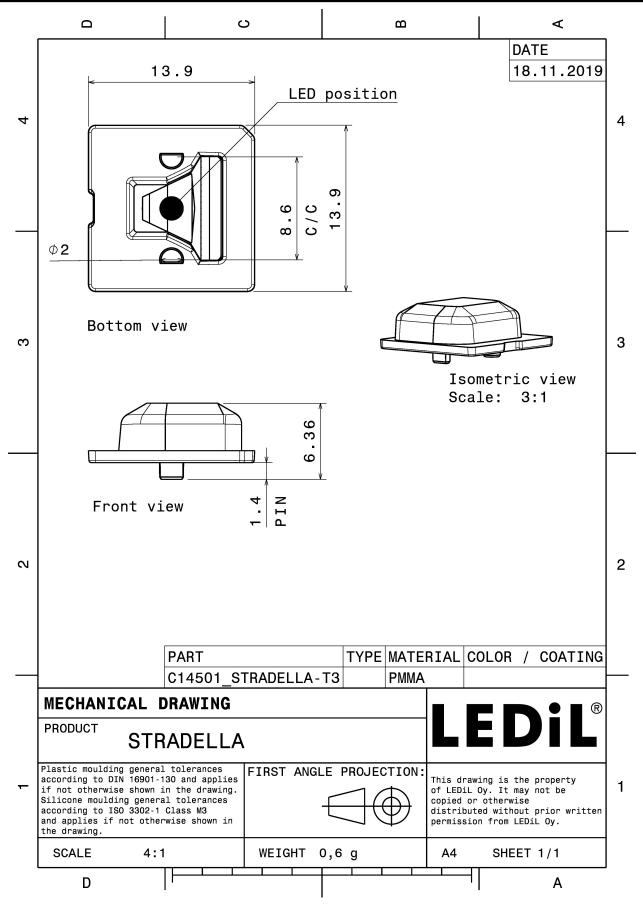
Component

C14501_STRADELLA-T3 » Box size: 480 x 250 x 390 mm

Qty in box	MOQ	MPQ	Box weight (kg)
16000	1000	1000	9.8



PRODUCT DATASHEET C14501_STRADELLA-T3



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



PHOTOMETRIC DATA (MEASURED):

LED	J Series 3030	<i>P</i>
FWHM / FWTM	Asymmetric	73°
Efficiency	96 %	
Peak intensity	0.7 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	400
Required componer		50
		600
		700
		30° 15 ⁵ 30° 15° 30°
		90° 90°
LED	XP-G2	9
FWHM / FWTM	Asymmetric	75*
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	30
Light colour	White	e: et
Required componer	ts:	40
		200
		30* 560
CREE = 3135		
		90* 90*
LED	XP-G3	90*
LED FWHM / FWTM	XP-G3 Asymmetric	90* 90* 73* 300 7%
LED FWHM / FWTM Efficiency	XP-G3 Asymmetric 94 %	90° 90° 23° 100 90° 100 90°
LED FWHM / FWTM Efficiency Peak intensity	XP-G3 Asymmetric 94 % 0.6 cd/lm	61,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 Asymmetric 94 % 0.6 cd/lm 1	92 92 29 90 64 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White	92° 92° 33° 500 92° 63° 700 60° 63° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White	20 60 60 70 60 70 70 70 70 70 70 70 70 70 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White its:	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts:	92 ⁻ 92 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric 94 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric 94 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric 94 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric 94 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric 94 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.6 cd/lm 1 White tts: XT-E Asymmetric 94 % 0.7 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

SAMSI	JNG		
LED	LH181B		
FWHM / FWTM	Asymmetric		600
Efficiency	94 %		****
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	ents:		
			159-
			-115.0° -112.5° -94.4° -47.5° -46.4° -22.5° 6.4° 22.5° 65.1° 67.5° 96.0° 112.6° 115.0°



PHOTOMETRIC DATA (SIMULATED):

		90* 90*
LED	XP-G2 HE	
FWHM / FWTM	Asymmetric	736
Efficiency	93 %	
Peak intensity	0.5 cd/im	.60* 60*
LEDs/each optic	1	300
Light colour	' White	$\times \times / \top \setminus \times \times$
Required components:	White	65° 400 65°
Required components.		
		30° 15° 0° 15° 30°
Μ ΝΙCΗΙΛ		
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	Asymmetric	73° 70°
Efficiency	91 %	XXH
Peak intensity	0.6 cd/lm	.50 ⁴ 300 60*
LEDs/each optic	1	400
Light colour	White	45" 550 45"
Required components:	white	497 500 497
Required components.		X Too
		700
		X
		30* 30*
		15 20 15
OSRAM		
Opto Semiconductors	Duris S5 (2 chin)	12 ³ 2 ³ 13 ³
Opto Semiconductors	Duris S5 (2 chip)	12 ³ 2 ³ 12 ³
opto Semiconductors LED FWHM / FWTM	Asymmetric	23° 22° 23°
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 96 %	23° 23° 25°
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 96 % 0.6 cd/lm	22° 22° 25°
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm	23° 24° 25°
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.6 cd/lm 1	23 ¹ 2 ³ 2 ³ 23 ³
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1	23° 22 23° 23° 22° 23°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1	23° 22° 23° 29° 29° 29° 29° 29° 29° 29° 29
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1	00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1 White	00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip)	00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric	00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric 96 %	00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric 96 % 0.6 cd/lm	00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric 96 % 0.6 cd/lm 1	00 00 00 00 00 00 00 00 00 00 00 00 00
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric 96 % 0.6 cd/lm	00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric 96 % 0.6 cd/lm 1	90 30 ⁴ 35 25 40 40 40 40 40 40
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric 96 % 0.6 cd/lm 1	90 30 ⁴ 35 25 40 40 40 40 40 40
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 96 % 0.6 cd/lm 1 White Duris S5 (Single chip) Asymmetric 96 % 0.6 cd/lm 1	00 00 00 00 00 00 00 00 00 00 00 00 00



PHOTOMETRIC DATA (SIMULATED):

OSRAM		
Opto Semiconductors	05000000000000	90* 90*
	OSCONIQ C 2424	730 700
FWHM / FWTM	Asymmetric	X
Efficiency	96 %	50° 60°.
Peak intensity	0.7 cd/lm	400
LEDs/each optic	1	\times / \top \setminus \times
Light colour	White	45° 45°
Required components:		60
		\times
		80
		30° 35° 0° 15° 30°.
OSRAM		
Opto Semiconductors	OSCONIQ P 3737 (2W version)	95° 90°
FWHM / FWTM	Asymmetric	730 750
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50* 60*
LEDs/each optic	1	30
Light colour	White	40 45*
Required components:	wille	457
Required components.		
		200
		700
		30° <u>15° 9°</u> 30°
OSRAM		
Outo Complexe durations		
Opto Semiconductors	OSCONIO P 3737 (3W) version)	90°
Opto Semiconductors LED	OSCONIQ P 3737 (3W version)	20 92 29
Opto Semiconductors LED FWHM / FWTM	Asymmetric	25
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 94 %	90* 90* 73* 100 72* 60* 60*
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm	50° 50° 70° 100 70° 60° 60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	30
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm	97 75 65 67 60 60 67 60 67 60 67
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	30
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	30
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	30
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	30
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1	30 5 ⁷ 40 50 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1 White	30 5 ⁷ 40 50 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3	30 67 60 60 70 70 70 70
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric	30 67 60 60 70 70 70 70
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 %	30 5 ⁷ 40 50 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.6 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.6 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.6 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

SAMSUI	VG	99*
LED	LH351B	9
FWHM / FWTM	Asymmetric	75*
Efficiency	91 %	
Peak intensity	0.5 cd/lm	50 ⁴
LEDs/each optic	1	300
Light colour	White	45* 400 45
Required components:		
		50
		540
		30° 30° 30° 30°
SAMSUI	NG	90 ⁺
LED	LH351D	
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.4 cd/lm	60* 60'
LEDs/each optic	1	
Light colour	White	45* 45
Required components:		
		200
		30* <u>15</u> ⁵ 66* 15*
SEOUL		THAT AFT
SEOUL SEMICONDUCTOR	Z5M1/Z5M2	90° 90'
FWHM / FWTM	Asymmetric	75° (100)
Efficiency	94 %	and the second s
Peak intensity	0.6 cd/lm	604 60
LEDs/each optic	1	
Light colour	White	400
Required components:		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
. tequirou componento.		800
		700
		30* <u>55</u> 0* 15* 30



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

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

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