

PRODUCT DATASHEET C14502_STRADELLA-T2

STRADELLA-T2

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

Component STRADELLA-T2

Туре
Single lens

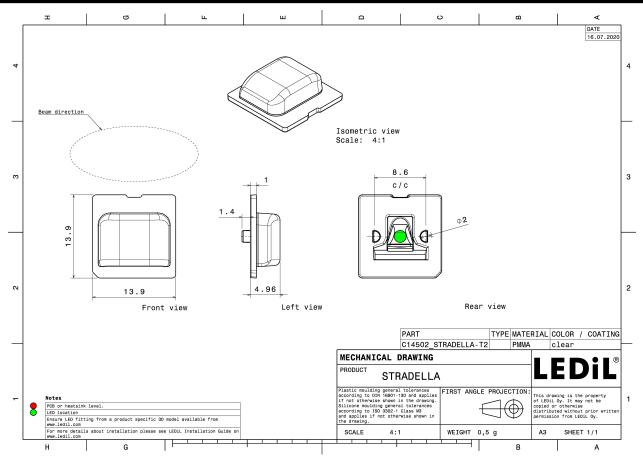
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14502_STRADELLA-T2	16000	1000	1000	9.8
» Box size: 480 x 250 x 390 mm				



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



PHOTOMETRIC DATA (MEASURED):

LED	J Series 3030	
FWHM / FWTM	Asymmetric	12° - 500 - 26°
Efficiency	97 %	
Peak intensity	0.8 cd/lm	60° 68°
LEDs/each optic	1	X A
Light colour	White	45'
Required componer	nts:	
		1000
		1230
		30* <u>15* 0</u> ¢ <u>15</u> * <u>30</u> *
	1	90°
LED	XP-G2	
FWHM / FWTM	Asymmetric	73° 200 73°
Efficiency	94 %	400
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	60
Light colour	White	47° 61
Required componer	nts:	00
		1000
		30° 30° 30°
		90 ¹
LED	XP-G3	
LED FWHM / FWTM	XP-G3 Asymmetric	20 97 97 20 97
LED FWHM / FWTM Efficiency	XP-G3 Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity	XP-G3 Asymmetric 94 % 0.8 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 Asymmetric 94 % 0.8 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREEE>LED LED FWHM / FWTM Efficiency	XP-G3 Asymmetric 94 % 0.8 cd/lm 1 White hts: XT-E Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White hts: XT-E Asymmetric 94 % 0.8 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White hts: XT-E Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White hts: XT-E Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White hts: XT-E Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 94 % 0.8 cd/m 1 White hts: XT-E Asymmetric 94 % 0.8 cd/m 1 White	



PHOTOMETRIC DATA (MEASURED):

S ΛΜS	ING	50°
LED	LH181B	
FWHM / FWTM	Asymmetric	De As
Efficiency	94 %	
Peak intensity	1 cd/lm	.60 ⁴ 60 ⁴
LEDs/each optic	1	30
Light colour	White	45° 3000 43°
Required compone	its:	1270
		1400
		100
		30%
		30° 13 ³ 1850



PHOTOMETRIC DATA (SIMULATED):

LED	XP-G2 HE	19 ⁰
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	200
Peak intensity	0.5 cd/im	60* 60*
	1	40
LEDs/each optic Light colour	ı White	\land
Required components:	Wilke	·6·
		800
		30° 15 ³ 0° 15° 31°
Μ ΝΙCΗΙΛ		30*
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	Asymmetric	75° 400 78°
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60* 400 60*
LEDs/each optic	1	
Light colour	White	45" 660
Required components:		
		\times / \times / \times
		1000
		30° 30° 30°
OSRAM Opto Semiconductors		90° 90°
LED	Duris S5 (2 chip)	
FWHM / FWTM	Asymmetric	75°
Efficiency	97 %	400
Peak intensity	0.8 cd/lm	604 604
LEDs/each optic	1	800
Light colour	White	45°
Required components:		1000
		1200
		1430
		30° 1650 30°
OSDAM		
OSRAM Opto Semiconductors		90* 90*
LED	Duris S5 (Single chip)	
FWHM / FWTM	•	75°
	Asymmetric	C Man
Efficiency	Asymmetric 96 %	40
Efficiency Peak intensity LEDs/each optic	96 %	
Efficiency Peak intensity LEDs/each optic Light colour	96 % 0.9 cd/lm	61° 600 60°
Efficiency Peak intensity LEDs/each optic	96 % 0.9 cd/lm 1	6° 100 er
Efficiency Peak intensity LEDs/each optic Light colour	96 % 0.9 cd/lm 1	00 07
Efficiency Peak intensity LEDs/each optic Light colour	96 % 0.9 cd/lm 1	6° 100 er
Efficiency Peak intensity LEDs/each optic Light colour	96 % 0.9 cd/lm 1	-07 -07 -1270



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		
LED	OSCONIQ C 2424	90° - 90°
FWHM / FWTM	Asymmetric	200 200
	97 %	
Efficiency		60° 60°.
Peak intensity	0.9 cd/lm	X / ee
LEDs/each optic	1	
Light colour	White	5°
Required components:		3000
		1200
		30* 1430 0* 15 ⁵ 0* 15 ⁵ 30*
OSRAM		73, 0, 75,
Opto Semiconductors		90* 90*
LED	OSCONIQ P 3737 (2W version)	
FWHM / FWTM	Asymmetric	73° 200 73°
Efficiency	94 %	
Peak intensity	0.7 cd/lm	50 ⁴ 400 50 ⁴
LEDs/each optic	1	
Light colour	White	45° 000
Required components:		800
		\times / \times
		1000
		30* 30*
		30 15 ³ 15 ³ 15 ³ 15 ⁴
SAMSUA	IG	12 ⁵ 20 ⁶ 12 ⁵
SAMSUN		90°
LED	LH351B	15 ⁶ 26 ⁰ 15 ⁶
LED FWHM / FWTM	LH351B Asymmetric	15 ⁶ 26 ⁰ 15 ⁶
LED FWHM / FWTM Efficiency	LH351B Asymmetric 93 %	15 ^b 26 ⁰ 15 ^c
LED FWHM / FWTM Efficiency Peak intensity	LH351B Asymmetric 93 % 0.5 cd/m	15 ^b 26 ⁰ 15 ^c
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.5 cd/m 1	20 ² - 20 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.5 cd/m	15 ^b 26 ⁰ 15 ^c
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.5 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.5 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.5 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.5 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B Asymmetric 93 % 0.5 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: second semiconductor LED	LH351B Asymmetric 93 % 0.5 cd/lm 1 White SEOUL DC 3030	30. 30. 30. 30. 20. 30. 30. 20. 30. 10. 20. 30.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED FWHM / FWTM	LH351B Asymmetric 93 % 0.5 cd/lm 1 White SEOUL DC 3030 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: seous semiconouctor LED FWHM / FWTM Efficiency	LH351B Asymmetric 93 % 0.5 cd/m 1 White SEOUL DC 3030 Asymmetric 96 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	LH351B Asymmetric 93 % 0.5 cd/lm 1 White SEOUL DC 3030 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.5 cd/m 1 White SEOUL DC 3030 Asymmetric 96 % 0.7 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	LH351B Asymmetric 93 % 0.5 cd/lm 1 White SEOUL DC 3030 Asymmetric 96 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.5 cd/m 1 White SEOUL DC 3030 Asymmetric 96 % 0.7 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: seous semiconouctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.5 cd/m 1 White SEOUL DC 3030 Asymmetric 96 % 0.7 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: seous semiconouctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.5 cd/m 1 White SEOUL DC 3030 Asymmetric 96 % 0.7 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.5 cd/m 1 White SEOUL DC 3030 Asymmetric 96 % 0.7 cd/m 1	



PHOTOMETRIC DATA (SIMULATED):

SEQUE		
SEOUL SEMICONDUCTOR	Z5M1/Z5M2	90.*
FWHM / FWTM	Asymmetric	73'
Efficiency	94 %	
Peak intensity	0.7 cd/lm	5)* W 69.
LEDs/each optic	1	60
Light colour	White	e
Required component	IS:	00
		200
		20 ⁴ 22 ⁴ 0 ⁴ 23 ⁴ 20 ⁴



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

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