

PRODUCT DATASHEET C15540_STRADA-2X2-T3-PC

STRADA-2X2-T3-PC

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Variant made from PC.

SPECIFICATION:

Dimensions Height Fastening ROHS compliant 50.0 x 50.0 mm 7.1 mm pin, screw yes ①



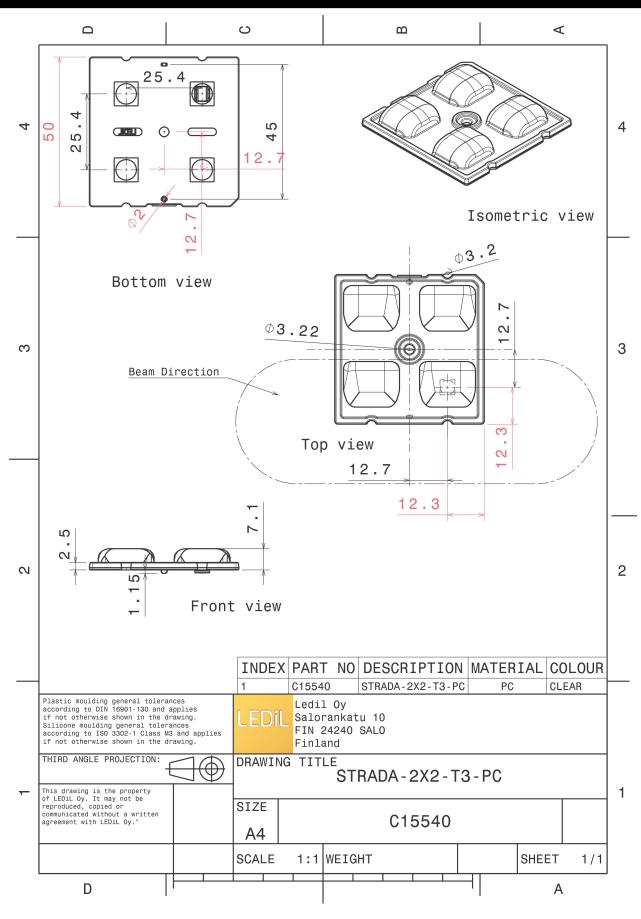
MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-2X2-T3-PC	Multi-lens	PC	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15540_STRADA-2X2-T3-PC	800	160	160	7.5
» Box size: 480 x 280 x 300 mm				

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

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OPTICAL RESULTS (MEASURED):

OSRAM	4	
		90*
	PrevaLED Core Z3 LES23	751
FWHM / FWTM	Asymmetric	
Efficiency	92 %	60 ⁴
Peak intensity	0.8 cd/lm	400
LEDs/each optic	1	\times / \top \setminus \times
Light colour	White	·6*
Required compone	nts:	00
		200
		30* 15 ⁵ 0 ⁶ 10 ⁶ 30
OSRAM Opto Semiconductors		
LED	Duris S8	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
FWHM / FWTM	Asymmetric	75 ° 00
Efficiency	92 %	
Peak intensity	0.6 cd/lm	605
LEDs/each optic	1	
Light colour	White	40 40
Required compone		
		540
		640
		30* 700 30 15* 0* 15*
OSRAM Opto Semiconductors		8*
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	97
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3 Asymmetric	94 ⁺ 95
Opto Semiconductors LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3 Asymmetric 90 %	25- 25- 25- 25- 25- 25- 25- 25- 25- 25-
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric	
Opto Semiconductors LED FWHM / FWTM	Asymmetric 90 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.7 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.7 cd/lm 1 White	50 60 70 90
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 90 % 0.7 cd/lm 1 White	50 60 70 90
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 90 % 0.7 cd/lm 1 White Ints:	50 60 70 80
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 90 % 0.7 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 90 % 0.7 cd/lm 1 White ints: OSLON Square PC	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 90 % 0.7 cd/lm 1 White ints: OSLON Square PC Asymmetric	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.7 cd/lm 1 White ints: OSLON Square PC Asymmetric 91 %	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 90 % 0.7 cd/lm 1 White ints: OSLON Square PC Asymmetric 91 % 0.6 cd/lm	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.7 cd/lm 1 White Ints: OSLON Square PC Asymmetric 91 % 0.6 cd/lm 1 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.7 cd/lm 1 White Ints: OSLON Square PC Asymmetric 91 % 0.6 cd/lm 1 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.7 cd/lm 1 White Ints: OSLON Square PC Asymmetric 91 % 0.6 cd/lm 1 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.7 cd/lm 1 White Ints: OSLON Square PC Asymmetric 91 % 0.6 cd/lm 1 White	



OPTICAL RESULTS (MEASURED):

PHILIF	PS	50° 50°
LED	Fortimo FastFlex LED 2x8 DA G5	
FWHM / FWTM	Asymmetric	73° - 73°
Efficiency	92 %	
Peak intensity	0.8 cd/lm	. 60°
LEDs/each optic	1	400
Light colour	White	65° 500 65°.
Required compone	nts:	60 70 30 ⁴ 10 30 ⁴ 10 30 ⁴ 30 ⁴
Elektronik GmbH		8°
Elektronik GmbH	LED-Pa-L15c2W11c2-xxx-C050-01	90 ⁺
	LED-Pa-L15c2W11c2-xxx-C050-01 Asymmetric	
LED		77
LED FWHM / FWTM	Asymmetric	200
LED FWHM / FWTM Efficiency	Asymmetric 92 %	77
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 0.9 cd/lm	27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.9 cd/lm 1 White	20 - 20 - 60 - 60 - 60 - 60 - 60 - 60 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.9 cd/lm 1 White	20 - 20 - 60 - 60 - 60 - 60 - 60 - 60 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.9 cd/lm 1 White	200 77 200 60* 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.9 cd/lm 1 White	20 77 77 20 77 20 77 20 77 20 77 20 77 20 77



OPTICAL RESULTS (SIMULATED):

CREE ÷		
LED LEDS	XP-G4	90° 90°
FWHM / FWTM	Asymmetric	730 700 700
Efficiency	87 %	
Peak intensity	0.7 cd/lm	50* 604
LEDs/each optic	1 White	400
Light colour Required components:	Wille	45* 500 45*
Required components.		
		700
		30* <u>15</u> * <u>800</u> <u>15</u> * <u>30</u> *
		go* got
LED	XP-G4	A A A A A A A A A A A A A A A A A A A
FWHM / FWTM	Asymmetric	75°
Efficiency	74 %	
Peak intensity	0.5 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 300 55*
Required components:		\times
		400
Protective plate	e, glass	
		20* 20*
Mauguna		
MICHIΛ		50°
LED	NV4WB35AM	
LED FWHM / FWTM	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 90 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1	23 20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A	23 20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric 87 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric 87 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric 87 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric 87 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric 87 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White NVSW519A Asymmetric 87 % 0.6 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

ΜΝΙCΗΙΛ		90* 90*
LED	NVSW519A	G.
FWHM / FWTM	Asymmetric	750 780
Efficiency	81 %	
Peak intensity	0.4 cd/lm	504 604
LEDs/each optic	1	
Light colour	' White	
Required components:	Wille	45* 300 45*
Required components.		
Protective plate	e, glass	400
		30* 500 30* 30*
OSRAM Opto Semiconductors		90° 90°
LED	Duris S8	
FWHM / FWTM	Asymmetric	750 700 785
Efficiency	75 %	
Peak intensity	0.4 cd/lm	.50° 50°.
LEDs/each optic	1	
Light colour	White	5° 200 5°
Required components:		
		400
Protective plate	e, glass	\times / \times /
		30° 15° 30°
PHILIPS		90° 901
LED	Fortimo FastFlex LED 2x8 DA HE	
FWHM / FWTM	Asymmetric	75%
Efficiency	91 %	
Peak intensity	0.5 cd/lm	60° 60°.
LEDs/each optic	1	X 300
Light colour	White	67 67
Required components:		400
		30* 600 30*
PHILIPS		90* 90*
LED	Fortimo FastFlex LED 2x8 DA HE	71 9 71
FWHM / FWTM	Asymmetric	
Efficiency	77 %	.60* 60*
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 300 97*
Required components:		\times
1		400
Drotostivo	gloss	
Protective plate	e, glass	\times \land \land \times
Protective plate	e, glass	30* 70 30 ⁺



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OPTICAL RESULTS (SIMULATED):

WHM / FWTM Asymmetric fficiency 80 % eak intensity 0.5 cd/m EDs/each optic 1 ght colour White equired components: Protective plate, glass			
ED LH351C WHM / FVTM Asymmetric ftciency 0.5 cd/lm EDs/each optic 1 ight colour White equired components: Image: Color of the color of	SAMSUN	IG	90° 91
ficiency 80% eak intensity 0.5 cd/m EDS/each optic 1 glt colour White equired components: Protective plat; glass SEOUL DC 5050 6V W/M / FVTM Asymmetric ficiency 88% eak intensity 0.5 cd/m EDS/each optic 1 ight colour White equired components: SEXEMPTICE	LED		
eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components: Protective plate, glass	FWHM / FWTM	Asymmetric	73° 200 7
EDs/each optic 1 ght colour White equired components: Protective plate, glass	Efficiency	80 %	
ight colour White equired components: Protective plate, glass Protective plate, glass Prote	Peak intensity	0.5 cd/lm	ester de la constante de la co
equired components: Protective plate, glass SEOUL DC 5050 6V WHM / FVTTM Asymmetric fficiency 88 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components: ED ZSM3 WHM / FVTTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components: EXEMPTING ED SEOUL DC 5050 6V ED SE	LEDs/each optic	1	30
Protective plate, glass	Light colour	White	45* 400 45
SEXAMENDER ED SECUL DC 5050 6V WH // FWTM Asymmetric fficiency 88 % eak intensity 0.5 cd/m EDs/each optic 1 ight colour White equired components: ED Z5M3 WH M / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/m ED / 25M3 WH M / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/m ED / 5 cd/m ED / 5 cd/m ED / 5 cd/m HM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/m ED / 5 cd/m ED /	Required components:		X/T/X
SEXAMENDER ED SECUL DC 5050 6V WH // FWTM Asymmetric fficiency 88 % eak intensity 0.5 cd/m EDs/each optic 1 ight colour White equired components: ED Z5M3 WH M / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/m ED / 25M3 WH M / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/m ED / 5 cd/m ED / 5 cd/m ED / 5 cd/m HM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/m ED / 5 cd/m ED /	Deste stiller allete		20
Parameters ED SEOUL DC 5050 6V WHM / FWTM Asymmetric fficiency 88 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	Protective plate	, glass	600
Parameters ED SEOUL DC 5050 6V WHM / FWTM Asymmetric fficiency 88 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:			30* 30*
Parameters ED SEOUL DC 5050 6V WHM / FWTM Asymmetric fficiency 88 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	SEDUI		
WHM / FWTM Asymmetric fficiency 88 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	SEOUL SEMICONDUCTOR		90* 90'
fficiency 88 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	LED	SEOUL DC 5050 6V	- y
eak intensity 0.5 cd/lm EDS/each optic 1 ight colour White equired components:	FWHM / FWTM	Asymmetric	75° 400 78
EDs/each optic 1 ight colour White equired components:	Efficiency	88 %	
ight colour White equired components: White equired components: ED Z5M3 WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	Peak intensity	0.5 cd/lm	
equired components:	LEDs/each optic	1	***
DUL SEMICONUCTOR ED Z5M3 WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDS/each optic 1 ight colour White equired components:	Light colour	White	45* 400 45
Deutsenconductore ED Z5M3 WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	Required components:		
Deutsenconductore ED Z5M3 WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:			50
Deutsenconductore ED Z5M3 WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:			
Deutsenconductore ED Z5M3 WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:			30* 30*
Deutsenconductore ED Z5M3 WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	SEOLI		
WHM / FWTM Asymmetric fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	SEOUL SEMICONDUCTOR		90* 90
fficiency 73 % eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	LED	Z5M3	
eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White equired components:	FWHM / FWTM	Asymmetric	75
EDs/each optic 1 ight colour White equired components:	Efficiency		
ight colour White equired components:	Peak intensity		
equired components:	LEDs/each optic		XX
	Light colour	White	45* 45
	Required components:		400
Protective plate, glass	Protective plate	a dass	
	i iolective plate	, giass	×
30* 30 30 10*			30* 13 ⁵ 90 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.

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

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