

PRODUCT DATASHEET C15035_STRADELLA-8-T3

STRADELLA-8-T3

IESNA Type III (medium) beam for typical road lighting setups

TECHNICAL SPECIFICATIONS:

Dimensions	49.5 x 49.5 mm
Height	5 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADELLA-8-T3 **Type** Multi-lens

Material	Colour	Finish
PMMA	clear	

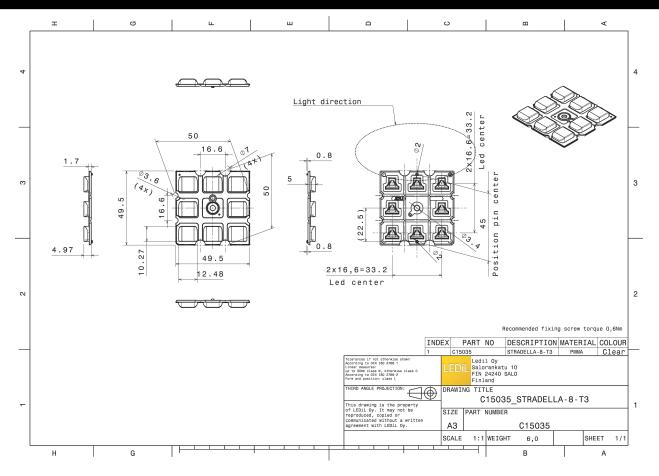
ORDERING INFORMATION:

Component

C15035_STRADELLA-8-T3 » Box size: 476 x 273 x 292 mm

Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	5.7

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



PHOTOMETRIC DATA (MEASURED):

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	QUICK FLUX XT 2x8 xxx STRDLL G5	90-
FWHM / FWTM	Asymmetric	200 /00
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50° 50°
LEDs/each optic	1 White	
Light colour Required componer		er et
Required componer	15.	500
		00
		30° 13 ⁵ 0° 15° 30°
		90* 90*
LED	J Series 3030	
FWHM / FWTM	Asymmetric	
Efficiency	96 %	50%
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	45* 45*
Required componer	ts:	00
		30* 30*
		725. 0. 725.
		90* 90*
LED	XP-G3	
FWHM / FWTM	Asymmetric	736
Efficiency	94 %	50 ¹⁴ 200 60 ⁴ .
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	$X \times I \times X$
Light colour	White	45* 400 45*
Required componer	ts:	
		30* 700 30*
		90* 90*
LED	XT-E	
FWHM / FWTM	Asymmetric	30 300 350
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	200
Light colour	White	45* 400 45*
	ts:	X X
Required componer		
Required componer		
Required componer		700
Required componer		



PHOTOMETRIC DATA (MEASURED):

r		
MUMIL 🥙	EDS	80 ⁺
LED	LUXEON 3030 2D (Round LES)	
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	
Peak intensity	0.8 cd/lm	60* 60*
LEDs/each optic	1	400
Light colour	White	45* 45*
Required compone		000
		810
		15 ⁵ 0 ⁶ 15 ⁴ 30 ⁴
🖉 LUMIL	EDS	90* 90*
LED	LUXEON TX	2
FWHM / FWTM	Asymmetric	750 750
Efficiency	94 %	50
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	5° 5°
Required compone	nts:	
		600
		\times / \times
		30° 000 30°
OSRAM		THY YHT
Opto Semiconductors		90°
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	8°
opto Semiconductors LED FWHM / FWTM	Asymmetric	200 - 2°.
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 94 %	60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.7 cd/lm	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 1 White	90° 100 100 100 100 100 100 100 1
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.7 cd/lm 1 White	90° 73° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 1 White	200 200 200 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 1 White	200 200 200 200 200 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.7 cd/lm 1 White nts:	200 200 200 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone secut SEMICONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric 94 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seous SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seous semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 0.8 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stout semconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 0.8 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR		30 ⁴ 50 ⁵
LED	Z8Y22	751 100 751
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60° 64*.
LEDs/each optic	1	400
Light colour	White	457 454
Required compone	ents:	20
		600
		710
		30° 15° 80 15° 30°.
SEOUL		THY VITI
SEOUL SEMICONDUCTOR		80 ⁴ 001
seoul semiconductor	Z8Y22P	
seoul semiconductor LED FWHM / FWTM	Asymmetric	74 200 795.
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 94 %	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.6 cd/lm	74 200 795.
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1 White	20 75. 6 ¹⁵ 20 60
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	20 20 75. 65 20 67 66 60 67
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	20 20 75. 65 20 67 66 60 67
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	20 20 75. 65 20 67 66 60 67



LED	XP-G2	
FWHM / FWTM	Asymmetric	75°
Efficiency	91 %	Turken
Peak intensity	0.6 cd/lm	66* X / 60*
		400
LEDs/each optic	1	\times / / \top \ \times
Light colour	White	6 [,]
Required components:		000
		\times / \times
		000
		30* 15 ⁵ 0° 15* 30*
LED	XP-G3	90°
FWHM / FWTM	Asymmetric	730 770 770
Efficiency	82 %	
Peak intensity	0.4 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	30
Required components:	Willo	
required components.		
Protective plate	, glass	\times / \land \times
		500
		30* 13 ⁵ 0 ⁸ 15 ⁶ 30 ⁶
)S	
LED	LUXEON 3535 2D	30-
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	X THE REAL REAL REAL REAL REAL REAL REAL REA
Peak intensity	0.7 cd/lm	60* 60*
LEDs/each optic	1	40
Light colour	White	
Required components:		600
		\times
		800
		00
		800 30.4 25 ⁵ 1600 13 ⁴ 30 ⁴
	S	20 ⁴ 20 ⁵ 20 ⁵ 20 ⁴ 20 ⁴
		10° 100 10°
LED	LUXEON CZ	10° 10° 10°
LED FWHM / FWTM	LUXEON CZ Asymmetric	25° 2600 25°
LED FWHM / FWTM Efficiency	LUXEON CZ Asymmetric 94 %	25° 2600 25°
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CZ Asymmetric 94 % 0.7 cd/m	25° 2600 25°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CZ Asymmetric 94 % 0.7 cd/lm 1	22° 100 13° 30° 8° 30° 8° 60° 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CZ Asymmetric 94 % 0.7 cd/m	2 ³ 1000 13 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CZ Asymmetric 94 % 0.7 cd/lm 1	22 ³ 1000 13 ³ 90 ⁴ 90 ⁴ 90 ⁴ 90 ⁴ 60 ⁴ 60 ⁶ 60 ⁷
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CZ Asymmetric 94 % 0.7 cd/lm 1	22 ³ 1000 13 ³ 90 ⁴ 90 ⁴ 90 ⁴ 90 ⁴ 60 ⁴ 60 ⁶ 60 ⁷
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CZ Asymmetric 94 % 0.7 cd/lm 1	22° 100 13° 30° 8° 30° 8° 60° 60



	LUXEON Z	90* 90
FWHM / FWTM	Asymmetric	75%
Efficiency	93 %	
Peak intensity	0.6 cd/lm	60 ⁴ 300 60 ⁴
LEDs/each optic	1	400
Light colour	Amber	45* 500 45*
Required components:		500
		80° 30°
ØNICHI Λ		13 ⁵ 90 13 ⁴
		90* 90*
	NCSxE17A	730 780
FWHM / FWTM Efficiency	Asymmetric 93 %	
Peak intensity	93 % 0.9 cd/lm	66 ⁺ 400 60 ⁺
LEDs/each optic	1	
Light colour	White	
Required components:	WING	40°
required components.		\times \top \times
		1000
		30* 15 ⁵ 0 ⁴ 15* 30 ⁴
ΜΝΙCΗΙΛ		90* 90*
LED	NF2x757D	2
FWHM / FWTM	Asymmetric	12°
Efficiency	94 %	60° 400 60%
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour		
	White	45° 810 43°
Required components:	White	er <u>80</u> er
Required components:	White	6° 6°
Required components:	White	er 100 100
Required components:	White	6° 6° 6° 6°
Required components:	White	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
	NF2x757G	80 109 109 109 109 109 109 109
ØNICHI Λ		er 100 100 100 100 100 100 100 10
Efficiency	NF2x757G	80 109 109 109 109 109 109 109
ED FWHM / FWTM Efficiency Peak intensity	NF2x757G Asymmetric	20 20 20 20 20 20 20 20 20 20
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NF2x757G Asymmetric 94 % 0.7 cd/lm 1	200 200 200 200 200 200 200 200
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757G Asymmetric 94 % 0.7 cd/lm	200 200 200 200 200 200 200 200
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NF2x757G Asymmetric 94 % 0.7 cd/lm 1	20 20 20 20 20 20 20 20 20 20
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757G Asymmetric 94 % 0.7 cd/lm 1	20 20 20 20 20 20 20 20 20 20
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757G Asymmetric 94 % 0.7 cd/lm 1	20 20 20 20 20 20 20 20 20 20



r		
ΜΝΙCΗΙΛ		90°
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	750 750 750
Efficiency	94 %	
Peak intensity	0.9 cd/lm	604 400 60
LEDs/each optic	1	
Light colour	White	5° 600
Required components:		
		\times
		1000
		30* 1230 30' 15 ⁵ 0 ⁶ 15 ⁴
MICHIΛ		90* 90*
LED	NVSxx19B/NVSxx19C	100
FWHM / FWTM	Asymmetric	750 78
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50° 300 60'
LEDs/each optic	1	400
Light colour	White	45* 5% 45
Required components:		
		710
		30* 800 30*
OSRAM Opto Semiconductors		
	Durie CE (2 ship)	90* 90*
LED FWHM / FWTM	Duris S5 (2 chip)	75° man 75°
Efficiency	Asymmetric 94 %	
Peak intensity	0.7 cd/lm	50 ⁴ 60
LEDs/each optic	1	
Light colour	White	51 55
Required components:		
		30* 30
000414		10 10 10 10 10 10 10 10 10 10 10 10 10 1
OSRAM Opto Semiconductors		90* 90'
LED	OSCONIQ C 2424	9
FWHM / FWTM	Asymmetric	234
Efficiency	83 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	$X \times / T \setminus X \times$
Light colour	White	45* 400 45
Required components:		
Protective plate		
Frotective plate	s, yiass	800
		30* 700
		10 ⁴ 0 ⁶ 10 ⁴



000444		
OSRAM Opto Semiconductors		90* 90
LED	OSCONIQ C 2424	9
FWHM / FWTM	Asymmetric	75 77
Efficiency	95 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	40
Light colour	White	45*
Required components:		600
		X X
		800
		\times / / λ
		30* <u>15</u> ⁵ 0 ⁶ <u>15</u> ⁶ 30'
OSRAM Opto Semiconductors		90* 90
LED	OSCONIQ P 3737 (2W version)	4
FWHM / FWTM	Asymmetric	75%
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50° 50°
LEDs/each optic	1	200
Light colour	White	6° 67
Required components:		30
		400
000044		115 ³ 0 ⁶ 15 ⁴
OSRAM Opto Semiconductors		90* 90
LED	OSCONIQ P 3737 (3W version)	9
FWHM / FWTM	Asymmetric	751
Efficiency	94 %	1 X Young X
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
LEDs/each optic Light colour	1 White	61 66 6
		6° 60 6
Light colour		
Light colour		
Light colour		50 60 20 ² 70 20 ² 20
Light colour		40° 400 40° 40° 40° 40° 40° 40° 40° 40°
Light colour Required components:	White	200
Light colour Required components:	White OSCONIQ P 3737 (3W version)	200
Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	White OSCONIQ P 3737 (3W version) Asymmetric	500 600 200 700 200
Light colour Required components:	White OSCONIQ P 3737 (3W version) Asymmetric 87 %	200
Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	White OSCONIQ P 3737 (3W version) Asymmetric 87 % 0.4 cd/lm	200
Light colour Required components:	White OSCONIQ P 3737 (3W version) Asymmetric 87 % 0.4 cd/lm 1	20
Light colour Required components:	White OSCONIQ P 3737 (3W version) Asymmetric 87 % 0.4 cd/lm	50 60 20 20
Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White OSCONIQ P 3737 (3W version) Asymmetric 87 % 0.4 cd/lm 1	50 60 20 ² 70 20 ² 20
Light colour Required components:	White OSCONIQ P 3737 (3W version) Asymmetric 87 % 0.4 cd/lm 1 White	50 60 20 ² 70 20 ² 20
Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	White OSCONIQ P 3737 (3W version) Asymmetric 87 % 0.4 cd/lm 1 White	50 60 20 ² 70 20 ² 20



90 ⁺ 60 ⁺ 63 ⁺
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45*
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67



SAMSUN	G		8°*
LED	LH351B		
FWHM / FWTM	Asymmetric		750
Efficiency	82 %		
Peak intensity	0.4 cd/lm		504
LEDs/each optic	1		
Light colour	White		340
Required components:	Vinito .		\sim \rightarrow \rightarrow \rightarrow \rightarrow
			400
Protective plate	, glass		
			540
			15 ⁵ 0 ⁶ 15 ⁴
SAMSUN	G		50°
LED	LH351C		6
FWHM / FWTM	Asymmetric		735
Efficiency	79 %		
Peak intensity	0.4 cd/lm		50°
LEDs/each optic	1		
Light colour	White		45* 300
Required components:			\times
			400
Protective plate	, glass		
			20*
SAMSUN	G		
LED			90*
LED FWHM / FWTM	LH351C		750 200
	Asymmetric 93 %		
Efficiency	93 % 0.5 cd/lm		.60°
Peak intensity LEDs/each optic	1		
Light colour	White		
Required components:	winte		45, 40
rtequired components.			500
			600
			30° 700 15°
SEOUL			
seoul semiconductor	Z5M1/Z5M2		907
-ED FWHM / FWTM	Asymmetric		75% 200
Efficiency	85 %		
Peak intensity	0.4 cd/lm		
EDs/each optic	1		
Light colour	White		
	winte		457 440
			X X
Required components:			
Required components:	, glass		
	, glass		



PRODUCT DATASHEET C15035_STRADELLA-8-T3

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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