

PRODUCT DATASHEET CA15946_STRADA-SQ-T2-B

STRADA-SQ-T2-B

IESNA Type II (medium) beam with minimized house side backlight. Version with location pins. Assembly with installation tape.

SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	9.1 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIALS:

Component STRADA-SQ-T2-B ROSE-TAPE

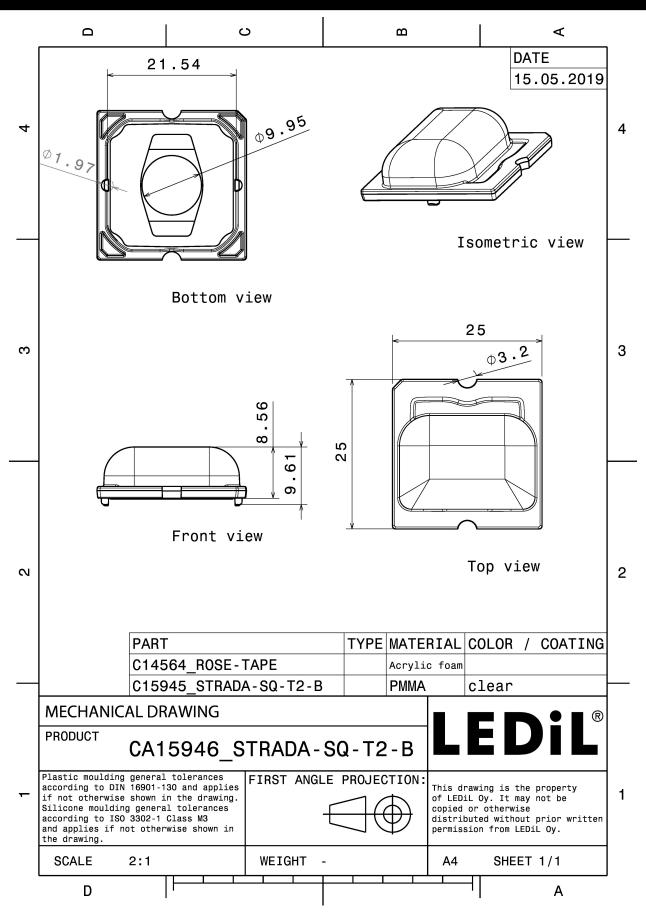
Туре	Mate
Single lens	PMM
Таре	Acry

Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA15946_STRADA-SQ-T2-B	Single lens	2058	294	98	8.7
» Box size: 476 x 273 x 292 mm					

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



OPTICAL RESULTS (MEASURED):

UMIL	EDS	90* 97
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	73.0 70.0 73.0
Efficiency	92 %	
Peak intensity	0.7 cd/lm	-00-
LEDs/each optic	1	600
Light colour	White	487
Required compone	nts:	80
		1070
		30° 30°
		15 ³ 0 ⁹ 15 ⁴



OPTICAL RESULTS (SIMULATED):

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CREE ≑		THAT HAT
LEDS	VUDEO	90* 90*
LED FWHM / FWTM	XHP50	750 750
	Asymmetric 92 %	
Efficiency		50" 400 50"
Peak intensity	0.7 cd/lm	
LEDs/each optic		60
Light colour Required components:	White	45° 65°
Required components:		\times \land \times
		1000
		30* <u>1200</u> 30* <u>15</u> * <u>30</u> *
		90* 90*
LED	XHP70	
FWHM / FWTM	Asymmetric	730 700
Efficiency	92 %	
Peak intensity	0.6 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required components:		
		00
		\times / \times
		1000
		- 30° - 30°
		90* 92*
LED	XHP70	
FWHM / FWTM	Asymmetric	75°
Efficiency	79%	- fritten -
Peak intensity	0.5 cd/lm	.60* 60*
LEDs/each optic	1	400
Light colour	White	45* 45*
Required components:		
		600
Protective plate	e, glass	\times / \times
		80
CREE \$		10 ² 10 ² 10 ²
LEDS		90° 50°
LED	XHP70.2	80* 50*
LED FWHM / FWTM	Asymmetric	81° 87°
LEDS LED FWHM / FWTM Efficiency	Asymmetric 89 %	90° 90° 70° 70° 70° 80° 70° 70°
LEDs LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 89 % 0.6 cd/lm	8°
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.6 cd/lm 1	9° 9° 7° 6° 6°
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm	5° 5° 5°
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.6 cd/lm 1	6 ³ 67
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1	60° 60°
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1	6 ³ 67
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1	6)* 60* 60



OPTICAL RESULTS (SIMULATED):

CREE ≑		
LEDs	XM-L2	90* 90*
FWHM / FWTM	Asymmetric	750 770
Efficiency	91 %	
Peak intensity	1.1 cd/lm	.60° 600 60°
LEDs/each optic	1	
Light colour	u White	
Required components:	White	(5°) (5°)
		1230
		1430
		100
		30* <u>15</u> 2 <u>0</u> ⁶ <u>1</u> 9* <u>3</u> 0*
LED	XP-E2	90* 901
EED FWHM / FWTM		70
Efficiency	Asymmetric 91 %	
Peak intensity	1.1 cd/lm	50 ⁴ 600 60 ⁴
LEDs/each optic	1	80
Light colour	White	47 100 61
Required components:	WIIG	1200
		100
		1600
		30* 1800 30*
		15 ⁵ 0 ⁶ 15 ⁶
)S	
		20 ² 0 ³ 13 ⁴ 20 ⁴
LED	LUXEON 7070	19 ² 0 ⁴ 19 ²
LED FWHM / FWTM	LUXEON 7070 Asymmetric	20° 0° 20° 20° 20° 0° 0° 20° 0° 0°
LED FWHM / FWTM Efficiency	LUXEON 7070 Asymmetric 78 %	25 ⁴ 05 ⁴ 25 ⁴ 10 ⁴
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm	20 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1	23 ⁴ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1	23 ⁴ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White	23 ⁴ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White a, glass	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White a, glass	23 ⁴ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White a, glass	23 ⁴ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Components: Protective plate Components: Protective plate Components: Protective plate Components: Protective plate Components: Components: Protective plate Components: Comp	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White a, glass S LUXEON M/MX Asymmetric 76 %	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency Peak intensity	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White a, glass	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass CS LUXEON M/MX Asymmetric 76 % 0.5 cd/lm	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Why LUMILEE FWHM / FWTM Efficiency Peak intensity	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass S LUXEON M/MX Asymmetric 76 % 0.5 cd/lm 1	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate WIM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass LUXEON M/MX Asymmetric 76 % 0.5 cd/lm 1 White	23 ⁴ 23 ⁴ 25 ⁴ 60 ⁶ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Who Protective plate ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass LUXEON M/MX Asymmetric 76 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate WMM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass LUXEON M/MX Asymmetric 76 % 0.5 cd/lm 1 White	23 ⁴ 60 ⁶ 60 ⁶



OPTICAL RESULTS (SIMULATED):

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Μ ΝΙCΗΙΛ		90* 90*
LED	NVSW219F	
FWHM / FWTM	Asymmetric	234 400 Mar
Efficiency	92 %	
Peak intensity	1.1 cd/lm	60° 60°
LEDs/each optic	1	80
Light colour	White	45* 1000 45*
Required components:		1230
		1430
		1600
		30* 1800 30*
		15 ⁵ 0 ⁶ 15 ⁶
OSRAM Opto Semiconductors		8.
	Duris S8	<u>8</u>
Opto Semiconductors	Duris S8 Asymmetric	70 70 70
Opto Semiconductors		
opto Semiconductors LED FWHM / FWTM	Asymmetric	70 70 70
Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 91 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 1.1 cd/lm	
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 1.1 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.1 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.1 cd/lm 1	73
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.1 cd/lm 1	20 60 60 60 60 60 60 60 60 60 6