

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

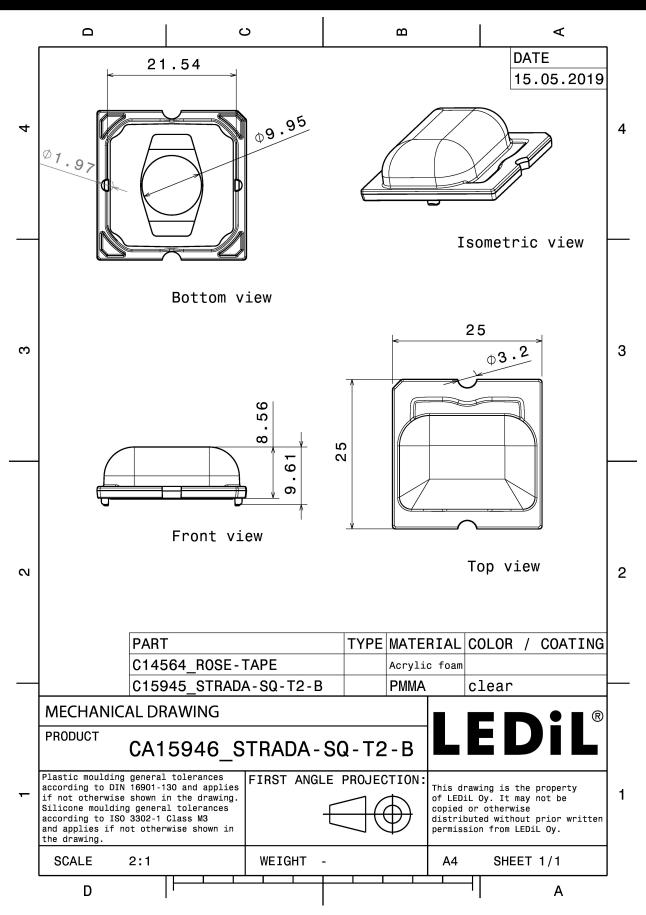
Туре	
Single lens	
Таре	

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	307
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	X CO
Light colour	White	107 Jan 107
Required compone	ents:	20
		100
		20° 1200 10° 10° 10°



OPTICAL RESULTS (SIMULATED):

LED	XHP50	30-
FWHM / FWTM	Asymmetric	730 700
Efficiency	92 %	
Peak intensity	0.7 cd/lm	60* 400 60*
LEDs/each optic Light colour	1 White	60
Required components:	White	45° 800 63°
Required components.		\times
		1000
		1200
		30* 15° 0° 15* 30°
		90*90*
LED	XHP70	
FWHM / FWTM	Asymmetric	739 759
Efficiency	92 %	
Peak intensity	0.6 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required components:		\times / \setminus \times
		00
		\times / \times
		1000
		10° 15° 0° 15° 3°.
		90* 90*
LED	XHP70	
FWHM / FWTM	Asymmetric	73* 78*
Efficiency	79%	
Peak intensity	0.5 cd/lm	60 ⁴ 601.
LEDs/each optic	1	
		400
Light colour	White	-07 - 400
Light colour Required components:		67 69 67
Required components:	White	6°* 60
	White	40°
Required components:	White	20- 20- 20-
Required components: Protective plate	White	40 40 50 50 60 60 60 50 50 60 60 60 60 60 60 60 60 60 6
Required components: Protective plate CREE LED	White , glass	20- 20- 20-
Required components: Protective plate CREE LED	White , glass XHP70.2	20- 20- 20-
Required components: Protective plate CREE LED LED FWHM / FWTM	White , glass XHP70.2 Asymmetric	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
Required components: Protective plate CREE LED LED FWHM / FWTM Efficiency	White , glass XHP70.2 Asymmetric 89 %	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
Required components: Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity	White , glass XHP70.2 Asymmetric 89 % 0.6 cd/lm	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
Required components: Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White , glass XHP70.2 Asymmetric 89 % 0.6 cd/lm 1	00 31 ⁴ 32 ⁵ 0 ⁴ 13 ⁴ 31 ⁴ 81 ⁶ 0 ⁶ 0 ⁷ 81 ⁷ 81 ⁶ 0 ⁷ 81 ⁷ 81 ⁶ 0 ⁷ 81 ⁷ 8
Required components: Protective plate Protective plate CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White , glass XHP70.2 Asymmetric 89 % 0.6 cd/lm	80° 31° 25° 0° 30° 35° 30°
Required components: Protective plate CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic	White , glass XHP70.2 Asymmetric 89 % 0.6 cd/lm 1	00 31* 25 ⁰ 0* 13* 34* 80* 0* 0* 0* 80* 0*
Required components: Protective plate Protective plate CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White , glass XHP70.2 Asymmetric 89 % 0.6 cd/lm 1	00 31 ⁴ 32 ⁵ 0 ⁴ 13 ⁴ 31 ⁴ 81 ⁶ 0 ⁶ 0 ⁷ 81 ⁷ 81 ⁶ 0 ⁷ 81 ⁷ 81 ⁶ 0 ⁷ 81 ⁷ 8
Required components: Protective plate Protective plate CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White , glass XHP70.2 Asymmetric 89 % 0.6 cd/lm 1	80 33* 32 ⁵ 0* 13* 32* 80 80 80 80 80 80 80 80 80 80



OPTICAL RESULTS (SIMULATED):

LED	XM-L2	
FWHM / FWTM	Asymmetric	730 780
Efficiency	91 %	
	1.1 cd/lm	60* 600 60*
Peak intensity		
LEDs/each optic	1	$X \times P \times X$
Light colour	White	45* 1000 45*
Required components:		1220
		1490
		30* 1650 0* 18 ² 0* 18* 30*
		THAT AND
LED	XP-E2	90* 90
		730
FWHM / FWTM	Asymmetric 91 %	
Efficiency		50° 600 60°
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	1000
Light colour	White	45*
Required components:		1220
		1450
		1000
		30* 1800 30*
1		15' 0' 15'
	5	
		99 ⁴ 99 ⁴
LED	LUXEON 7070	25° 6° 25°
LED FWHM / FWTM	LUXEON 7070 Asymmetric	25° 6° 25°
LED FWHM / FWTM Efficiency	LUXEON 7070 Asymmetric 78 %	
LED FWHM / FWTM Efficiency Peak intensity	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	
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	
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	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	
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	
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 e, glass	
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 e, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate COMPARED Protective plate COMPARED LED FWHM / FWTM	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Model Components: Protective plate Components: Protective plate Components: Protective plate Components: Protective plate Components: Protective plate Components: Components	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass LUXEON M/MX Asymmetric 76 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Why Protective plate ED FWHM / FWTM Efficiency Peak intensity	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass CS LUXEON M/MX Asymmetric 76 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Why Protective plate 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 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate White Composed State ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass CS LUXEON M/MX Asymmetric 76 % 0.5 cd/lm	
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	LUXEON 7070 Asymmetric 78 % 0.5 cd/lm 1 White e, glass CS LUXEON M/MX Asymmetric 76 % 0.5 cd/lm 1	
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	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate White Composed State Composed 	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 plat White Colour 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	



OPTICAL RESULTS (SIMULATED):

Mauguna		
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



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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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