

# PRODUCT DATASHEET CA14120\_STRADA-SQ-FS2

# STRADA-SQ-FS2

Beam for symmetrical tunnel lighting and parking garages. Ideal for catenary street lighting. Version with location pins. Assembly with installation tape.

### **SPECIFICATION:**

Dimensions	25.0 x 25.0 mm
Height	8.2 mm
Fastening	tape, pin
ROHS compliant	yes 🕕



### **MATERIALS:**

Component		
STRADA-SQ-FS2		
ROSE-TAPE		

**Type** Single lens Tape

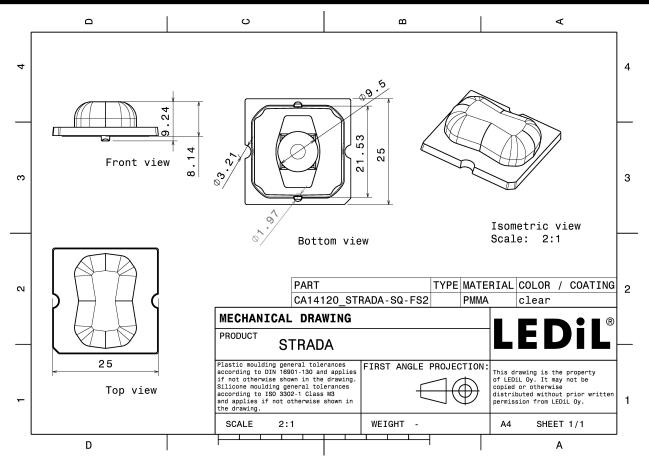
Materia	l Colour	Finish
PMMA	clear	
Acrylic for	oam black	

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14120_STRADA-SQ-FS2	Single lens	2058	294	98	7.3
» Box size: 480 x 280 x 300 mm					



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



## **OPTICAL RESULTS (MEASURED):**

		90* 90*
LED	MK-R	100
FWHM / FWTM	Asymmetric	75*
Efficiency	81 %	
Peak intensity	0.4 cd/lm	60° 300 60°.
LEDs/each optic	1	400
Light colour	White	45* 500 45*
Required componer	nts:	
		740
		30° 800 30°
		90* 90*
LED	XHP70	5 100
FWHM / FWTM	Asymmetric	736
Efficiency	78 %	50 <sup>4</sup>
Peak intensity	0.4 cd/lm	20
LEDs/each optic	1	400
Light colour	White	45* 550 45*
Required componer	nts:	600
Protective	plate, glass	
THUECINE	prace, glass	700
		30* 15 <sup>3</sup> 0° 15° 30 <sup>4</sup>
UMIL	EDS	TAYAH
LED	LUXEON M/MX	90* 90*
FWHM / FWTM	Asymmetric	75 5 ( 100 ) 75 75
Efficiency	81 %	The second secon
Peak intensity	0.4 cd/lm	.50°
LEDs/each optic	1	40
Light colour	White	45* 500 45*
Required componer		
Protective	plate, glass	740
		800
-		20° 15 <sup>5</sup> 96 15° 30°
UMIL	EDS	90* 90*
LED	LUXEON XR-M Linear (L2M0-xxxx003MC3300)	
FWHM / FWTM	Asymmetric	25 Z
Efficiency	92 %	XXIIIXX
Peak intensity	0.6 cd/lm	440 60*
LEDs/each optic	1	$\vee \times /   \vee \times \vee$
	NAU 11	A / tem / A
	White	401
Light colour Required componer		
		0°
		5°



# **OPTICAL RESULTS (MEASURED):**

- (		
		90* 90*
LED	NVSW319B	62
FWHM / FWTM	Asymmetric	73°
Efficiency	93 %	40
Peak intensity	0.8 cd/lm	60° 60°
LEDs/each optic	1	X
Light colour	White	
Required compone		
		1000
		1200
		30* 30* 30*
OSRAM Opto Semiconductors		TTT FT
		90* 90*
	Duris S10	75%
FWHM / FWTM	Asymmetric	
Efficiency	88 % 0.6 cd/lm	50° 50°
Peak intensity		X/T X
LEDs/each optic	1 White	
Light colour		.6'
Required compone	ns.	00
		$\times$
		1000
		30* 15 <sup>5</sup> 0° 15 <sup>*</sup> 30 <sup>*</sup>
OSRAM		
Opto Semiconductors		90* 90*
LED	Duris S8	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	50° 400 50°.
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	.d5* 000 x5*
Required compone	nts:	
		1000
		1200
		30° 30°
		15° 0° 15°



# **OPTICAL RESULTS (SIMULATED):**

		901
LED	MHB-A/B	
FWHM / FWTM	Asymmetric	750
Efficiency	89 %	
Peak intensity	0.5 cd/lm	60*
LEDs/each optic	1	460
	White	
Light colour	white	45* 800 95*
Required components:		
		200
		30* 1000 30* 30*
		90° 90°
LED	XM-L	52
FWHM / FWTM	Asymmetric	730 700 720
Efficiency	92 %	
Peak intensity	0.7 cd/lm	60 <sup>4</sup> 60 <sup>4</sup> .
LEDs/each optic	1	
Light colour	White	45* 800 45*
Required components:		
		2000
		12200
		30* 30* 30*
LED	XM-L2	
FWHM / FWTM	Asymmetric	
Efficiency	90 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
	S	
LED	LUXEON 7070	20
FWHM / FWTM	Asymmetric	73*
Efficiency	81 %	
Peak intensity	0.4 cd/lm	60* 60*
LEDs/each optic	1	$X \times T \times X$
Light colour	White	400
Required components:		
Protective plate	, glass	
		30° <u>800</u> 30° 30°



# **OPTICAL RESULTS (SIMULATED):**

	DS	9°
LED	LUXEON T	
FWHM / FWTM	Asymmetric	72'
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	47
Required components	S:	80
		100
		30° 120 10° 10°
SAMSU	NG	80.
LED	LH351B	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.6 cd/lm	60 <sup>4</sup> 60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic	1	
Light colour	White	6° 69
Required components	s:	200
		1000
		30- 00 00 00- 00-



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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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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