

# PRODUCT DATASHEET CA13753\_STRADA-SQ-FW

## STRADA-SQ-FW

Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups. Assembly with installation tape. Version with location pins.

### **TECHNICAL SPECIFICATIONS:**

Dimensions Height Fastening ROHS compliant 25.0 x 25.0 mm 15.2 mm tape, pin, screw yes (i)



### **MATERIAL SPECIFICATIONS:**

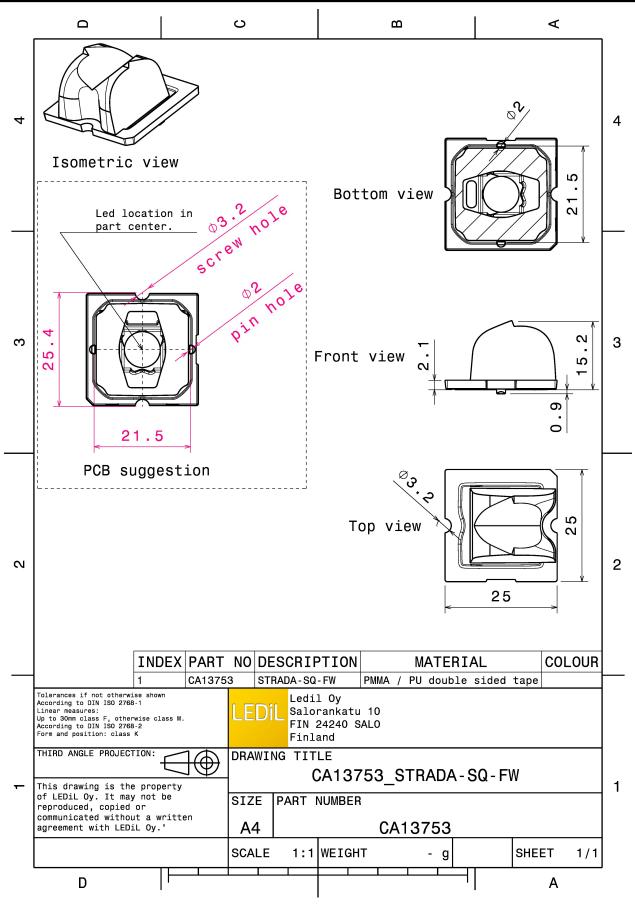
Component	Туре	Material	Colour	Finish
STRADA-SQ-FW	Single lens	PMMA	clear	
ROSE-TAPE	Таре	PU tape	black	

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13753_STRADA-SQ-FW	Single lens	1568	294	98	7.4
» Box size: 480 x 280 x 300 mm					



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



### PHOTOMETRIC DATA (MEASURED):

CREE <del>\$</del>		90* 90*
	•	1
LED	MK-R	750 751
FWHM	Asymmetric	
Efficiency	%	- 60* 60*
LEDs/each optic	1	
Light colour	White	45* 300 45*
Required compor	ients:	$\times$
		40
		500 30 <sup>4</sup>
CREE <del>\$</del>		739, 6, 739,
		90* 90*
LED	XHP50	
FWHM	Asymmetric	734
Efficiency	92 %	50° 80.
Peak intensity	0.7 cd/lm	
LEDs/each optic		200
Light colour	White	45" 220 45"
Required compor	ients:	300
		400
		30° 15° 8°0 15° 30°
	EDS	20° 12° 8° 13° 20°
		25° <u>15</u> ° <u>15</u> ° <u>30</u> °
LED	LUXEON M/MX	175 <u>176</u> 175 <u>177</u>
LED FWHM	LUXEON M/MX Asymmetric	20° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
LED FWHM Efficiency	LUXEON M/MX Asymmetric 89 %	
LED FWHM Efficiency Peak intensity	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White	200 200 200 200 200 200 200 200 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White	200
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White tents: EDS LUXEON MZ Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White eents: EDS LUXEON MZ Asymmetric 90 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White ents: EDS LUXEON MZ Asymmetric 90 % 0.7 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White enents: EDS LUXEON MZ Asymmetric 90 % 0.7 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON M/MX Asymmetric 89 % 0.6 cd/lm 1 White tents:	



### PHOTOMETRIC DATA (MEASURED):

C LUMIL	EDS	80* 90*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-M linear 1x3, 1x4, 1x5 Asymmetric 90 % 0.6 cd/lm	
Required compor		5 <u>30</u> <u>60</u> <u>30</u> <u>5</u>
<b>Ø</b> NICHIΛ		50° 50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 92 % 0.9 cd/lm 1 White	200 00 00 00 00 00 00 00 00 00
		30° <u>700</u> 30° 30°
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	99° 30° 6° 60° 60° 60° 60° 60° 60° 60



### PHOTOMETRIC DATA (SIMULATED):

CREE ≑		
		90* 90*
LED	XHP50.2	730 730
FWHM	Asymmetric	100
Efficiency	91 %	504 604
Peak intensity	0.9 cd/lm	200
LEDs/each optic	1	
Light colour	White	45* 300 95*
Required componer	115.	
		400
		30* <u>50</u> 30* 30*
	DS	
LED	LUXEON 5050 Round LES	197 - 97 -
FWHM	Asymmetric	736 100 752
Efficiency	94 %	
Peak intensity	1.1 cd/lm	.60° 200 60°
LEDs/each optic	1	
Light colour	White	45* 300 45*
Required componer		
		400
		200
		(30* 15° 0° 15° 30°
UMILE	DS	
		90 90
LED	LUXEON 5050 Round LES	P 7
LED FWHM	LUXEON 5050 Round LES Asymmetric	75 70 70
	LUXEON 5050 Round LES Asymmetric 74 %	
FWHM Efficiency	Asymmetric	
FWHM	Asymmetric 74 %	
FWHM Efficiency Peak intensity	Asymmetric 74 % 0.9 cd/lm	
FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 74 % 0.9 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 74 % 0.9 cd/lm 1 White hts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.9 cd/lm 1 White hts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 74 % 0.9 cd/lm 1 White hts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla	Asymmetric 74 % 0.9 cd/lm 1 White nts: ate, glass	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX Asymmetric	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla COMPLE LED FWHM Efficiency	Asymmetric 74 % 0.9 cd/lm 1 White nts: ate, glass DS LUXEON M/MX Asymmetric 73 %	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla COMPLE LED FWHM Efficiency Peak intensity	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX Asymmetric 73 % 0.7 cd/lm	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla Control Control C	Asymmetric 74 % 0.9 cd/lm 1 White nts: ate, glass DS LUXEON M/MX Asymmetric 73 % 0.7 cd/lm 1	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla <b>OUNILE</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX Asymmetric 73 % 0.7 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla Control Control C	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX Asymmetric 73 % 0.7 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla CONTINUE ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX Asymmetric 73 % 0.7 cd/lm 1 White hts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla <b>OUNILE</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX Asymmetric 73 % 0.7 cd/lm 1 White hts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Protective pla CONTINUE ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 74 % 0.9 cd/lm 1 White hts: ate, glass DS LUXEON M/MX Asymmetric 73 % 0.7 cd/lm 1 White hts:	



### PHOTOMETRIC DATA (SIMULATED):

<b>Μ</b> ΝΙCΗΙΛ		90* 92*
LED	NVSxx19B/NVSxx19C	and the second s
FWHM	Asymmetric	73* 100 75*
Efficiency	93 %	20
Peak intensity	1.1 cd/lm	50°
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required componen	ts:	
		X
		500
		30* 15 <sup>5</sup> 769 15* 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSCONIQ P 7070	750 750
FWHM	Asymmetric	300
Efficiency	91 %	an and a set
Peak intensity	1.1 cd/lm 1	20
LEDs/each optic Light colour	u White	
Required componen		45°
Required componen	15.	
		400



### **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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### Distribution Partners www.ledil.com/ where\_to\_buy

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