

PRODUCT DATASHEET C13751_STRADA-SQ-FW

STRADA-SQ-FW

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

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening ROHS compliant 25.0 x 25.0 mm 15.1 mm pin, screw yes ①



MATERIAL SPECIFICATIONS:

Component STRADA-SQ-FW **Type** Single lens

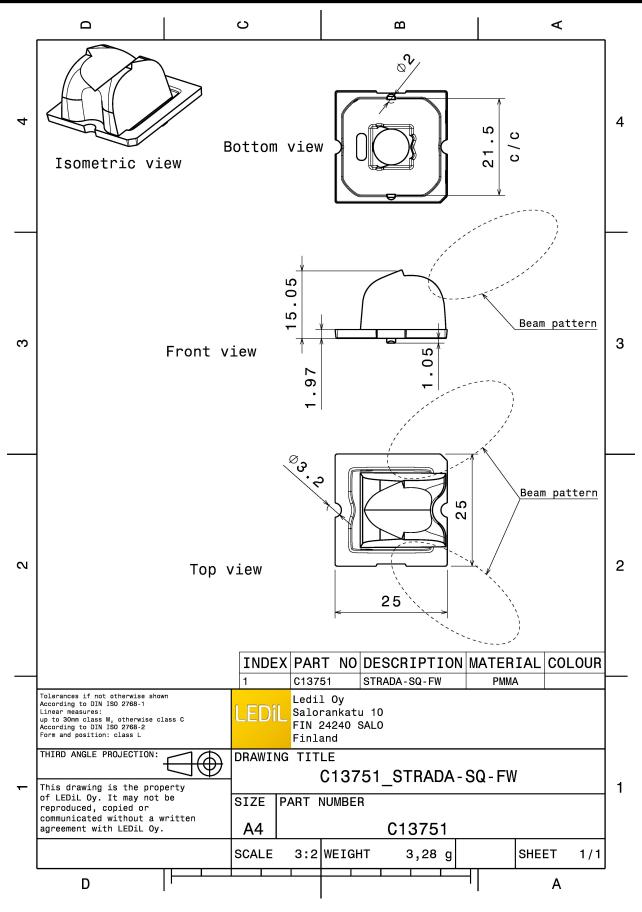
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13751_STRADA-SQ-FW	1568	294	98	6.9
» 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):

	EDS	914 90
LED FWHM / FWTM	LUXEON M/MX Asymmetric	39
Efficiency	94 %	
Peak intensity	0.7 cd/lm	20
LEDs/each optic Light colour	1 White	at at
Required compone	ents:	20
		40
		20° 10 ¹ 0° 10° 30°



PHOTOMETRIC DATA (SIMULATED):

r		
ΜΝΙCΗΙΛ		
LED	NFMW48xA	90° 90°
FWHM / FWTM	Asymmetric	730 700
Efficiency	92 %	100
Peak intensity	1 cd/lm	60*
	1	210
LEDs/each optic	White	
Light colour Required components:	white	45* 300 45*
Required components.		\times \land \times
		400
		\times / \times
		30° 15 ⁵ 50 15° 30°
Μ ΝΙCΗΙΛ		90* 90*
LED	NVSW219F	
FWHM / FWTM	Asymmetric	75° 100 75°
Efficiency	95 %	
Peak intensity	1.2 cd/lm	60* 60*
LEDs/each optic	1	310
Light colour	White	45* 450 45*
Required components:		XITX
		000
		130° 15° 90° 15° 30°
Μ ΝΙCΗΙΛ		90* 90*
LED	NVSW519A	
FWHM / FWTM	Asymmetric	75° 100 75°
Efficiency	93 %	
Peak intensity	1.2 cd/lm	66* 200 68*
LEDs/each optic	1	$\nabla \times / \square \times \vee$
Light colour	White	45* 300
Required components:		
		500
		30* 30*
		15 ⁵ 0 ⁶ 15 ⁶
OSRAM		
OSRAM Opto Semiconductors		90°
Opto Semiconductors	OSCONIQ P 7070	8)* B*
opto Semiconductors LED FWHM / FWTM	Asymmetric	80° 80°
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 92 %	
opto semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 1 cd/lm	90° - 90° 70° - 70° - 70° 60° - 70° - 70° - 70°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 1 cd/Im 1	9° - 9° 70
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/lm	6 ⁷ 300 6 ⁷
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 1 cd/Im 1	9)* 99" 73° 50° 67 40° 200 67
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/Im 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/Im 1	
Jpto Semiconductors LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/Im 1	20° 00° 00° 00° 00° 00° 00° 00° 00° 00°



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		
LED	OSCONIQ S 5050	30"
FWHM / FWTM	Asymmetric	73* 77*
Efficiency	75 %	500
	0.7 cd/lm	50* 50*
Peak intensity		
LEDs/each optic Light colour	1 White	
Required components:	White	é
Required components.		
Protective plate	e, glass	
		400
		30° 15° 30°
OSRAM		
Opto Semiconductors		90* 90*
LED	OSCONIQ S 5050	73*
FWHM / FWTM	Asymmetric	100
Efficiency	96 %	.50*
Peak intensity	0.9 cd/lm	270
LEDs/each optic	1	
Light colour	White	45° 300 65°
Required components:		\times
		400
		\times \land \land \times
		30* <u>500</u> 30* 30*
OSRAM		THAY YATTI
Opto Semiconductors		80.
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	80 30 5 5 70
Opto Semiconductors LED FWHM / FWTM	Asymmetric	35
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 94 %	60 ⁻ 200 0 ⁻ 200 0 ⁻ 200 0 ⁻ 200 0 ⁻ 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 1.7 cd/lm	500 100 100 100 100 100 100 100
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.7 cd/lm 1	90- 73- 54- 50- 50- 50- 50- 50- 50- 50- 50
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.7 cd/lm 1	200 200 200 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1	90° 10° 10° 10° 10° 10° 10° 10° 1
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1	90- 100- 1
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1	50 ⁻ 50
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1	90
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required components: SEOUL SEMICONDUCTOR	Asymmetric 94 % 1.7 cd/lm 1 White	90
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19	90
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul semiconductor LED FWHM / FWTM	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric	90
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoouLSEMCONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 %	50 60 30 ² 30 ²
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 % 0.8 cd/lm	50 60 30 ² 30 ²
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 % 0.8 cd/lm 4	300 000 000 000 000 000 000 000
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 % 0.8 cd/lm	300 300 300 300 300 300 300 300
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 % 0.8 cd/lm 4	300 300 300 300 300 300 300 300
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 % 0.8 cd/lm 4	300 000 000 000 000 000 000 000
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 % 0.8 cd/lm 4	300 000 000 000 000 000 000 000
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.7 cd/lm 1 White Z8Y19 Asymmetric 94 % 0.8 cd/lm 4	50 60 20 20 20 20 20 20 20 20 20 20 20 20 20



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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