

# PRODUCT DATASHEET CA15150\_STRADA-ME

## STRADA-ME

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height. Assembly with installation tape.

### **TECHNICAL SPECIFICATIONS:**

Dimensions	19.6 x 15.5 mm
Height	5 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



### **MATERIAL SPECIFICATIONS:**

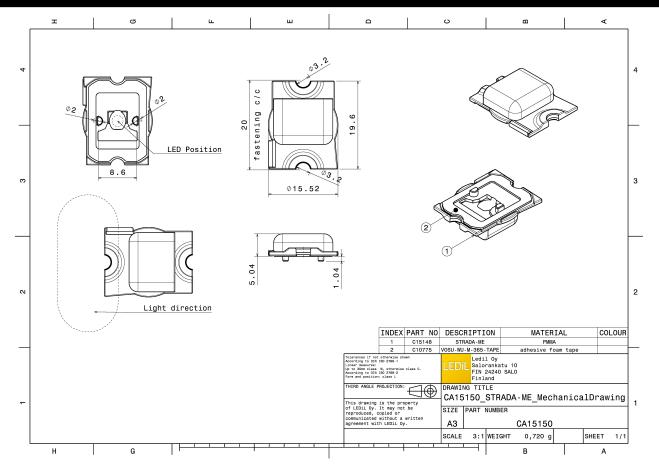
Component	Туре	Material	Colour	Finish
STRADA-ME	Single lens	PMMA	clear	
VOSU-WU-M-365-TAPE	Таре			

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA15150_STRADA-ME	Single lens	7440	240	240	5.0
» Box size: 476 x 273 x 292 mm					



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



## PHOTOMETRIC DATA (MEASURED):

-		
LED	XT-E	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		94 <sup>1</sup>
LED	NVSW219D	
FWHM / FWTM	Asymmetric	75 200 75
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60 <sup>4</sup> 200 66*
LEDs/each optic	1	
Light colour	White	-45* 45*
Required compone		40
		260
		600
		36° 13 <sup>5</sup> 0° 15° 36°
<b>ØNICHI</b>	<b>N</b>	90° - 91°
LED	NVSW319B	4
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	80° - 60°.
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required compone	nts:	80
		$ X  \top  X $
		30° 700 30°
		15 <sup>3</sup> 0 <sup>6</sup> 15 <sup>4</sup>



## PHOTOMETRIC DATA (SIMULATED):

		8
LED	XB-D	
FWHM / FWTM	Asymmetric	130 732
Efficiency	91 %	
Peak intensity	0.6 cd/lm	60 <sup>4</sup> 604
LEDs/each optic	1	
Light colour	White	400 455
Required components:		50
		00
		760
		30° 13° 30°
		90°
LED	XP-G3	4
FWHM / FWTM	Asymmetric	75°
Efficiency	90 %	
Peak intensity	0.5 cd/lm	60° (60°)
LEDs/each optic	1	X / 30
Light colour	White	5° / / / / / / / / / / / / / / / / / / /
Required components:		$\times$
		500
		30 <sup>4</sup>
		30* 30*
		18 <sup>3</sup> 2 <sup>6</sup> 15 <sup>4</sup>
<b>Μ</b> ΝΙCΗΙΛ		19 <u>2</u> <u>2</u> <u>19</u> <u>19</u> <u>19</u>
	NF2x757G	22° 22° 22°
	NF2x757G Asymmetric	20 <sup>4</sup> 20 <sup>4</sup> 20 <sup>4</sup> 20 <sup>4</sup>
LED		23 <sup>1</sup> 2 <sup>2</sup> 2 <sup>3</sup> 2 <sup>3</sup> 2 <sup>3</sup>
LED FWHM / FWTM	Asymmetric	23° 25° 25° 29° 90° 29° 90° 29° 90° 29° 90° 90°
LED FWHM / FWTM Efficiency	Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.6 cd/lm	23 <sup>4</sup> 2 <sup>4</sup> 35 <sup>4</sup> 29 <sup>4</sup> 29 <sup>4</sup> 29 <sup>4</sup> 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	23 <u>26</u> <u>25</u> <u>25</u> <u>25</u> <u>26</u> <u>26</u> <u>26</u> <u>26</u> <u>26</u> <u>26</u> <u>26</u> <u>26</u>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 %	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 % 0.6 cd/lm	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 % 0.6 cd/lm 1	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 % 0.6 cd/lm	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 91 % 0.6 cd/lm 1	



## PHOTOMETRIC DATA (SIMULATED):

[		
OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 3030	90* 90*
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	X
		50° 50°
Peak intensity	0.8 cd/lm	400
LEDs/each optic	1	$\times$ / / T \ \ $\times$
Light colour	White	45*
Required components:		600
		$\times$
		900
		30* 30*
OSRAM		
Opto Semiconductors	0000NI/0 D 0727 (0)/(	90* 90*
LED	OSCONIQ P 3737 (3W version)	734 100 75*
FWHM / FWTM	Asymmetric	
Efficiency	94 %	. 60° 60°.
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	- 65° - 400 - 65°.
Required components:		
		500
		800
		30*
OSRAM		
Opto Semiconductors		B4
Opto Semiconductors	OSCONIQ S 3030	90° 90° 20° 70°
Opto Semiconductors LED FWHM / FWTM	Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 93 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.6 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.6 cd/lm 1	23 <sup>3</sup> 00 <sup>4</sup> 00 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.6 cd/lm 1	72 <sup>3</sup> 72 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	23 <sup>3</sup> 00 <sup>4</sup> 00 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	72 <sup>3</sup> 72 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	23 <sup>3</sup> 00 <sup>4</sup> 00 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	23 <sup>3</sup> 00 <sup>4</sup> 00 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White	23 <sup>3</sup> 00 <sup>4</sup> 00 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3	23 <sup>3</sup> 00 <sup>4</sup> 00 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.7 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.7 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.7 cd/lm 1	
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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:

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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