

# PRODUCT DATASHEET CA16249\_STRADA-SQ-T4-B

## STRADA-SQ-T4-B

Wide IESNA Type IV beam with forward-throw beam for wide area lighting like car parks. Assembly with tape.

## **TECHNICAL SPECIFICATIONS:**

Dimensions Height Fastening ROHS compliant 25.0 x 25.0 mm 11.9 mm tape, pin yes ①



## MATERIAL SPECIFICATIONS:

**Component** STRADA-SQ-T4-B ROSE-TAPE

Туре	
Single lens	
Таре	

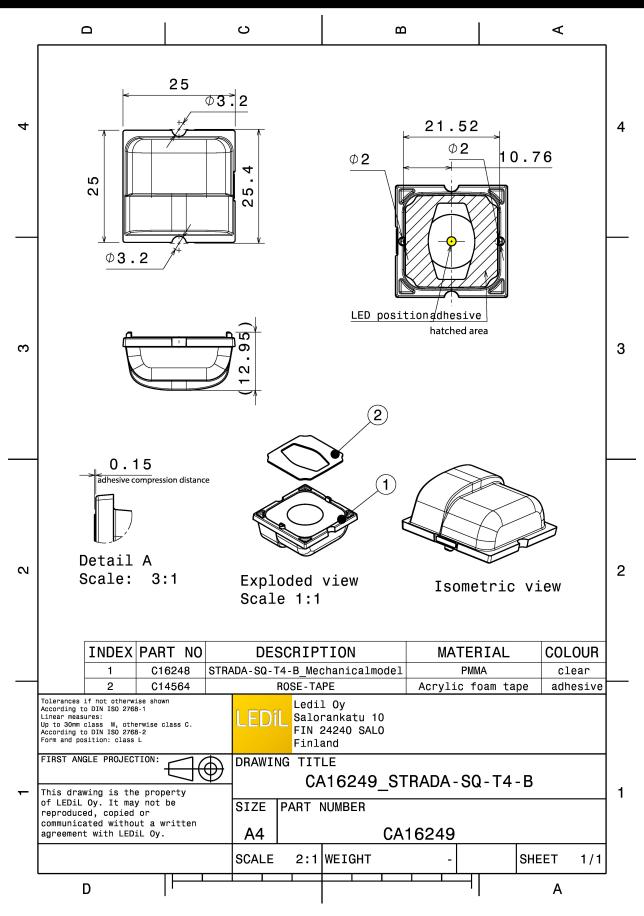
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

## **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16249_STRADA-SQ-T4-B	Single lens	2058		98	10.5
» 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):**

	D	50*
LED	XHP50	
FWHM / FWTM	Asymmetric	
Efficiency	89 %	
Peak intensity	0.5 cd/lm	.60 <sup>4</sup> 300 66*
LEDs/each optic	1	40
Light colour	White	c
Required compone	ents:	
		70
		30° 15° 0° 30° 30°
	EDS	
	LUXEON M/MX	
		75
LED	LUXEON M/MX	
LED FWHM / FWTM	LUXEON M/MX Asymmetric	75
LED FWHM / FWTM Efficiency	LUXEON M/MX Asymmetric 90 %	23
LED FWHM / FWTM Efficiency Peak intensity	LUXEON M/MX Asymmetric 90 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX Asymmetric 90 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 90 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 90 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 90 % 0.6 cd/lm 1 White	



# PHOTOMETRIC DATA (SIMULATED):

		I TAYYA TI
LED	MHB-A/B	90° 907
FWHM / FWTM	Asymmetric	10
Efficiency	88 %	20
-	0.5 cd/lm	\$03 00 ¥03
		400
LEDs/each optic	1 White	20
Light colour Required components:	wine	-65°
Required components.		
		700
		000
		30° <u>90</u> 30° 30° 30°
LED	XHP70	
FWHM / FWTM	117.0 + 60.0° / 137.0 + 139.0°	75
Efficiency	91 %	20
-	0.5 cd/lm	50 <sup>4</sup> 30 50 <sup>4</sup>
LEDs/each optic	1	40
	White	art 500 art
Required components:		600
		700
		30° <u>300</u> 15° 30°
LUMILED	S	90°
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	No. The second second
Efficiency	74%	210
	0.4 cd/lm	.50*
LEDs/each optic		
	1	
	1 White	
Light colour		6°
Light colour Required components:	White	.e. 
Light colour	White	6° 6° 6°
Light colour Required components:	White	5° 6° 70 70 70 70 70 70 70 70 70 70 70
Light colour Required components: Protective plate,	White glass	6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6
Light colour Required components: Protective plate,	White glass S	200 200 30° 15° 0° 13° 0° 80°
Light colour Required components: Protective plate, UMILED	White glass S LUXEON MZ	20
Light colour Required components: Protective plate, UDMILED LED FWHM / FWTM	White glass S LUXEON MZ Asymmetric	200 200 30° 15° 0° 13° 0° 80°
Light colour Required components: Protective plate, <b>Contemportant</b> <b>LED</b> FWHM / FWTM Efficiency	White glass S LUXEON MZ Asymmetric 90 %	200 200 30° 15° 0° 13° 0° 80°
Light colour Required components: Protective plate, <b>Volumi LED</b> FWHM / FWTM Efficiency Peak intensity	White glass S LUXEON MZ Asymmetric 90 % 0.7 cd/lm	200 200 30° 15° 0° 13° 0° 80°
Light colour Required components: Protective plate, <b>Volumi LED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White glass S LUXEON MZ Asymmetric 90 % 0.7 cd/lm 1	20 00 00 00 00 00 00 00 00 00
Light colour Required components: Protective plate, Who control contro	White glass S LUXEON MZ Asymmetric 90 % 0.7 cd/lm	200 200 30° 15° 0° 13° 0° 80°
Light colour Required components: Protective plate, <b>Volumi LED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White glass S LUXEON MZ Asymmetric 90 % 0.7 cd/lm 1	20 20 20 20 20 20 20 20 20 20
Light colour Required components: Protective plate, Who control contro	White glass S LUXEON MZ Asymmetric 90 % 0.7 cd/lm 1	20 20 20 20 20 20 20 20 20 20
Light colour Required components: Protective plate, Who control contro	White glass S LUXEON MZ Asymmetric 90 % 0.7 cd/lm 1	20 00 00 00 00 00 00 00 00 00



## PHOTOMETRIC DATA (SIMULATED):

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<b>Μ</b> ΝΙCΗΙΛ		90* A 4
LED	NFMW48xA	
FWHM / FWTM	Asymmetric	73 200 75
Efficiency	92 %	
Peak intensity	0.6 cd/lm	.60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic	1	$ \times / \top \times $
	White	600
Light colour	Wille	45*
Required components:		200
		$\times$ / $\times$ /
		1000
		30* 13 <sup>5</sup> 0° 15* 30*
OSRAM		
Opto Semiconductors		90* 90*
		- Souther
LED	Duris S8	75°
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
LEDs/each optic	1	
Light colour	White	45*
Required components:		800
		$\times$ / $\times$
		1000
		153 1280 153
OSRAM Oto Semiconductors		22 <sup>3</sup> <u>12<sup>3</sup></u> <u>12<sup>3</sup></u>
Opto Semiconductors	OSCONIO P 3737 (2W version)	
Opto Semiconductors	OSCONIQ P 3737 (2W version) Asymmetric	125° 127° 15°
Opto Semiconductors LED FWHM / FWTM	Asymmetric	294 - 200 - 757
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 91 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.8 cd/lm	294 - 200 - 757
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.8 cd/lm 1	20 70 60 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm	294 - 200 - 757
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.8 cd/lm 1	20 70 60 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1	20 70 60 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1	20 70 60 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1	20 72 60 <sup>4</sup> 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.8 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 %	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 %	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	Asymmetric 91 % 0.8 cd/lm 1 White OSCONIQ P 7070 Asymmetric 91 % 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:

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