

PRODUCT DATASHEET C16248_STRADA-SQ-T4-B

STRADA-SQ-T4-B

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

TECHNICAL SPECIFICATIONS:

Dimensions	25.0 x 25.0 mm
Height	11.7 mm
Fastening	glue, pin
ROHS compliant	yes 🛈

MATERIAL SPECIFICATIONS:

Component STRADA-SQ-T4-B **Type** Single lens



Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

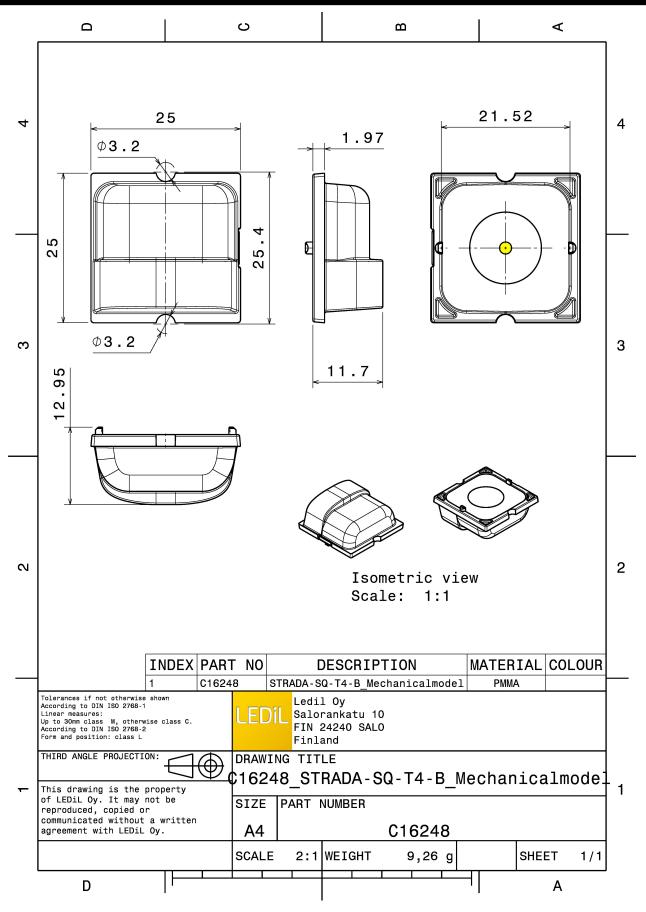
Component

C16248_STRADA-SQ-T4-B » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
2058		98	10.2



PRODUCT DATASHEET C16248_STRADA-SQ-T4-B



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



PHOTOMETRIC DATA (SIMULATED):

LED MHB-A/B FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: ••••••••••••••••••••••••••••••••••••	90
LED MHB-A/B FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	90
FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	5
Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	
LEDs/each optic 1 Light colour White	60
Light colour White	
	45
80	
50° <u>90</u>	15* 30
CREE ≑	HT
	90
LED XHP50	
FWHM / FWTM Asymmetric	
Efficiency 92 %	X
Peak intensity 0.6 cd/lm	
LEDs/each optic 1	
Light colour White	
Required components:	

30° - 10 ⁰	15* 30
CREE ≑	HT
	90
LED XHP50.2	
FWHM / FWTM Asymmetric	\Rightarrow
Efficiency 92 %	60
60 ⁴ 300	
Peak intensity 0.5 cd/lm	
Peak intensity 0.5 cd/lm LEDs/each optic 1	
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	55
Peak intensity 0.5 cd/lm LEDs/each optic 1	55
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	e
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	6
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	5 13 ⁺ 22
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	15° 20
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	15
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Cree Component of the second of the sec	
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Creating the second secon	5 13* 30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	10° 50 10° 50 50 60
Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	13 ² 29
Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:Image: Second Se	
Peak intensity LEDs/each optic0.5 cd/lmLight colourWhiteRequired components:Image: Components of the second of the	5 5 5 5 5 5 5 6 6 6 6 6 6 6
Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:Image: Second Se	
Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:Image: Second Se	



PHOTOMETRIC DATA (SIMULATED):

	15	90 ⁴ 90*
LED	LUXEON M/MX	Guero Change
FWHM / FWTM	Asymmetric	26
Efficiency	92 %	an ⁴ 300 504
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 660
Required components:		
		30* 10 ⁰ 30* 30*
)5	
LED	LUXEON MZ	90* 90*
ED FWHM / FWTM	Asymmetric	73° 70° 78°
Efficiency	91 %	
Peak intensity	0.7 cd/lm	50 ⁴ 400 50*
LEDs/each optic	1	
Light colour	White	45° 200
Required components:		
- 1 1		
		1000
		\times
		30° 30° 30°
Μ ΝΙCΗΙΛ		20° 20° 20°
	NFMW48xA	
		20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM	NFMW48xA Asymmetric 93 %	
LED	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.6 cd/lm	
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	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 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	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric 92 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric 92 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EXAMPLANCE EXAMPLANCE EXAMPLANCE	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric 92 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric 92 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EXAMPLANCE EXAMPLANCE EXAMPLANCE	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric 92 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric 92 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NVSW519A Asymmetric 92 % 0.7 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

r		
OSRAM Opto Semiconductors LED	Duris S8	81*
FWHM / FWTM	Asymmetric	736 200 73°
Efficiency	91 %	
Peak intensity	0.6 cd/lm	- 60*
LEDs/each optic	1	
Light colour	White	45° 600 45°
Required components:		
		80
		1000
		130° 135° 30°
OSRAM Opto Semiconductors		90°
LED	OSLON Square CSSRM2/CSSRM3	Sul
FWHM / FWTM	Asymmetric	73° 200 70°
Efficiency	93 %	
Peak intensity	0.8 cd/lm	-66 ⁴
LEDs/each optic	1	200
Light colour	White	6°. 6°.
Required components:		800
		1000
		30 ⁴
		12 ⁶ 0 ⁶ 12 ⁶ 30
OSRAM Opto Semiconductors		90* 90*
LED	OSLON Square EC	4M
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	93 %	400
Peak intensity	0.8 cd/lm	- 60 ⁴
LEDs/each optic	1	600
Light colour	White	45* 800 45*
Required components:		
		1000
		1200
		30° 30°
		15 00 100



PRODUCT DATASHEET C16248_STRADA-SQ-T4-B

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy