

# PRODUCT DATASHEET C14948\_STRADA-SQ-T3B

# STRADA-SQ-T3B

**IESNA** Type III (medium) beam with minimized backlight. Version with location pins.

## **TECHNICAL SPECIFICATIONS:**

Dimensions	25.0 x 25.0 mm
Height	8.2 mm
Fastening	tape
ROHS compliant	yes 🛈



### **MATERIAL SPECIFICATIONS:**

Component STRADA-SQ-T3B

Туре	
Single lens	

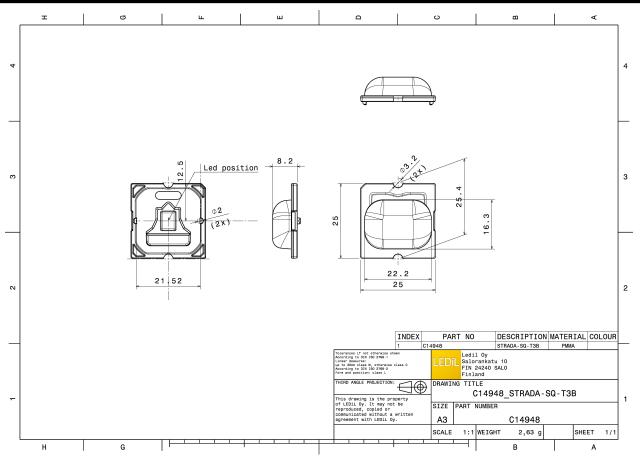
Material	Colour	Finish
PMMA	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14948_STRADA-SQ-T3B	2058	294	98	7.9
» Box size: 480 x 280 x 300 mm				



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



# PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	MK-R Asymmetric 94 % 0.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	94 % 0.5 cd/lm 1	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1	
LEDs/each optic Light colour		
Light colour		
	nts:	
LED	XHP50	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
ED FWHM / FWTM	LUXEON M/MX Asymmetric	39° 500 7
Efficiency Peak intensity	94 % 0.5 cd/lm	816 200
LEDs/each optic	1	X / 300 X
Light colour	White	
Required compone		
riedanea compone		
		30"
	EDS	22 <sup>5</sup> 2 <u>50</u> 6 12 <sup>5</sup> .
LED	LUXEON MZ	
	Asymmetric	
FWHM / FWTM		
	91 %	
Efficiency		
Efficiency Peak intensity	91 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.8 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour	0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic	0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	0.8 cd/lm 1 White	



# PHOTOMETRIC DATA (MEASURED):

<b>ØNICHI</b>		90 <sup>4</sup> 90 <sup>4</sup>
LED	NFMW48xA	750
FWHM / FWTM	Asymmetric	780
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60°.
LEDs/each optic	1	
Light colour	White	65* 65*
Required compone	nts:	500
		640
		700
		30° 15° 30° 15°



# PHOTOMETRIC DATA (SIMULATED):

<b></b>		
LED	XHP50.3 HD	
FWHM / FWTM	Asymmetric	75° (100 75°.
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60*
LEDs/each optic	1	30
Light colour	' White	40
Required components:	White	-45°
Required components.		
		600
		700
		30° 15° 0% 15° 30°
LED	XHP70.3 HD	90* 90*
		75°
FWHM / FWTM	Asymmetric 93 %	
Efficiency		50° 60°
Peak intensity LEDs/each optic	0.4 cd/lm	
	1 White	
Light colour	White	45* 450
Required components:		$\times$ $\times$ $\times$
		540
		30° 500 30° 30°
LED	XHP70.3 HD	90° 90°
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.4 cd/lm	604 604
LEDs/each optic	1	
Light colour	White	
Required components:	White	40
		$\times$
		500
		30° 600 33°
	XP-I HD	90* 90*
LED FWHM / FWTM	XP-L HD Asymmetric	50°
FWHM / FWTM	Asymmetric	80°
FWHM / FWTM Efficiency	Asymmetric 95 %	80°
FWHM / FWTM Efficiency Peak intensity	Asymmetric 95 % 0.6 cd/lm	80° 90° 20° 000 60°.
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.6 cd/lm 1	50° 000 50°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.6 cd/lm	50° 997 73° 400 597 63° 692 697
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.6 cd/lm 1	5°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.6 cd/lm 1	80° 000 20° 000 60° 000 60° 000
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.6 cd/lm 1	60° 00° 30° 00° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60°



# PHOTOMETRIC DATA (SIMULATED):

	DS	90* 90*
LED	LUXEON 7070	7
FWHM / FWTM	Asymmetric	73.0 700 75.
Efficiency	95 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	30
Light colour	White	45* 400 45*
Required components:		$\times$ $/$ $\top$ $/$ $\times$
		500
		30* 15 <sup>±</sup> 0 <sup>0</sup> 15 <sup>±</sup> 30 <sup>±</sup>
MICHIΛ		
LED	NVSW519A	
FWHM / FWTM	Asymmetric	734
Efficiency	93 %	
Peak intensity	0.5 cd/lm	80° 607
LEDs/each optic	1	400
Light colour	White	45*
Required components:		800
		$\times$ / $\times$
		800
		$\times$ / T \ $\lambda$
		30 <sup>+</sup> 13 <sup>5</sup> 0 <sup>0</sup> 15 <sup>+</sup> 30 <sup>+</sup>
OSRAM Onto Semiconductors		
OSRAM Opto Semiconductors	OSCONIO P 7070	87
LED	OSCONIQ P 7070 Asymmetric	29
LED FWHM / FWTM	Asymmetric	29 20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency	Asymmetric 92 %	50°
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	54° 56°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.5 cd/lm 1	200 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.5 cd/lm 1 White	200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.5 cd/lm 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.5 cd/lm 1 White	200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.5 cd/lm 1 White	200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM	Asymmetric 92 % 0.5 cd/lm 1 White G LH181B Asymmetric	200 000 000 000 000 000 000 000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.5 cd/lm 1 White G LH181B Asymmetric 95 %	99 10 10 10 10 10 10 10 10 10 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 0.5 cd/lm 1 White G LH181B Asymmetric 95 % 0.7 cd/lm	99 10 10 10 10 10 10 10 10 10 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.5 cd/lm 1 White	250 250 250 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SANNSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SANNSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.5 cd/lm 1 White	250 250 250 200 200 200 200 200



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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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