

PRODUCT DATASHEET C12726_STRADA-SQ-T-DWC

STRADA-SQ-T-DWC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III (medium). Version with location pins.

SPECIFICATION:

Dimensions25.0 x 25.0 mmHeight8 mmFasteningglue, pin, screwROHS compliantyes 1



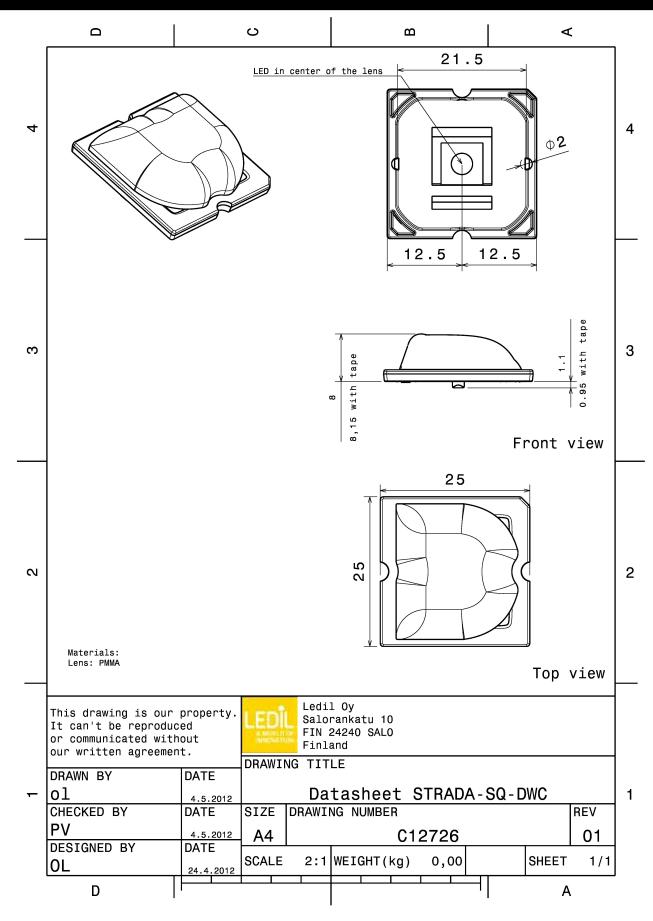
MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-SQ-T-DWC	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12726_STRADA-SQ-T-DWC		294	98	7.9
» Box size:				

PRODUCT DATASHEET C12726_STRADA-SQ-T-DWC



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



OPTICAL RESULTS (MEASURED):

		90* 90*
LED	XHP50	in the second se
FWHM / FWTM	Asymmetric	750
Efficiency	93 %	
Peak intensity	0.5 cd/lm	50* 500
LEDs/each optic	1 White	400
Light colour Required componer		-65° 500 65°
Required componer	115.	000
		700
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁴ 30 ⁴
LED	XHP50.2	90 ⁻
EED FWHM / FWTM	Asymmetric	251 M 200 752
Efficiency	94 %	
Peak intensity	94 % 0.5 cd/lm	60°
LEDs/each optic	1	30
Light colour	' White	
Required componer		67' 63'
	115.	
		600
		30° 115° 30°
1		15° 0° 15°
	XM-I	
LED	XM-L Asymmetric	13° 6° 15° 9° 98° 98° 98° 98° 98° 98°
LED FWHM / FWTM	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 94 %	10 ⁴ 0 ⁴ 15 0 ⁴ 0 ⁴ 15 0 ⁴ 0 ⁴
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.4 cd/lm 1 White	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 94 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 94 % 0.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 94 % 0.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen CREE	Asymmetric 94 % 0.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen CREECS LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.4 cd/lm 1 White nts: XM-L2 Asymmetric 92 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity	Asymmetric 94 % 0.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.4 cd/lm 1 White nts: XM-L2 Asymmetric 92 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.4 cd/lm 1 White nts: XM-L2 Asymmetric 92 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity	Asymmetric 94 % 0.4 cd/lm 1 White nts: XM-L2 Asymmetric 92 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.4 cd/lm 1 White nts: XM-L2 Asymmetric 92 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.4 cd/lm 1 White nts: XM-L2 Asymmetric 92 % 0.7 cd/lm 1 White	



OPTICAL RESULTS (MEASURED):

LED	XP-G2	
FWHM / FWTM	Asymmetric	736 750
Efficiency	94 %	
-		.60° 60°.
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	800
Light colour	White	45'
Required compone	nts:	800
		30° 12 ³ 12 ³⁰ 15° 31°
		15°
		90° 90°
LED	XP-L HD	M
FWHM / FWTM	Asymmetric	751 200 741
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	(5 ⁵) 600 (5 ⁵)
Required compone	nts:	\times / / \times
		800
		\times
		1000
		30*
1		19. 0. 19.
CREE ≑		237 07 237
		90 ¹ 90 ²
LED	XP-L2	10° ° 10°
LED FWHM / FWTM	Asymmetric	10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°
LED FWHM / FWTM Efficiency	Asymmetric 94 %	10° 10° 10° 10° 10° 10° 10° 10° 10° 10°
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.6 cd/lm	20° 10° 10° 20° 10° 20° 10° 20° 10° 20° 10°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1	12° ° 12° 19° 19° 10° 10° 10° 10° 10° 10° 10° 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.6 cd/lm 1 White nts:	60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White nts:	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.6 cd/lm 1 White nts:	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.6 cd/lm 1 White Ints:	800 800 800 800 800 800 800 800
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.6 cd/lm 1 White Ints: EDS LUXEON M/MX	90 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.6 cd/lm 1 White Ints: EDS LUXEON M/MX Asymmetric	90 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.6 cd/m 1 White nts: EDS LUXEON M/MX Asymmetric 94 %	90 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.6 cd/lm 1 White I White MX Asymmetric 94 % 0.5 cd/lm	90 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White I SEDS LUXEON M/MX Asymmetric 94 % 0.5 cd/lm 1 White	800 800 800 800 800 800 800 800
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1 White I SEDS LUXEON M/MX Asymmetric 94 % 0.5 cd/lm 1 White	800 800 800 800 800 800 800 800
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White I SEDS LUXEON M/MX Asymmetric 94 % 0.5 cd/lm 1 White	800 800 800 800 800 800 800 800
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White I SEDS LUXEON M/MX Asymmetric 94 % 0.5 cd/lm 1 White	90 00 00 00 00 00 00 00 00 00



OPTICAL RESULTS (MEASURED):

COMIL	EDS	90*
LED	LUXEON MZ	
FWHM / FWTM	Asymmetric	73%
Efficiency	90 %	
Peak intensity	0.7 cd/lm	.50 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required componer	nts:	\times
		200
		1000
		30° 15 ⁶ 0° 15° 30°
MNICHIA		90° 90°
LED	NFMW48xA	ay
FWHM / FWTM	Asymmetric	772
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60 ¹
LEDs/each optic	1	40
Light colour	White	45* 45*
Required componer	nts:	600
		800
		300
~		15 ⁵ 0 ⁶ 15 ⁴
ØNICHI		90* 90*
		M
LED	NS9x383	75°
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required component	its:	
		800
		\times / \times
		30° 10° 30°
A Descev		
plessey		90* 90*
LED	PLW7070	20 100
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60 ⁴ 60 ⁴ .
		45° 400 45°
Required componer	115.	500
		600
Peak intensity LEDs/each optic Light colour Required componen	0.5 cd/lm 1 White	61 ⁻ 60 61 ⁻ 60 61 ⁻ 60 61 ⁻ 60 61 ⁻ 60



OPTICAL RESULTS (SIMULATED):

LED FWHM / FWTM Efficiency LEDs/each optic	MHB-A/B Asymmetric % 1 White	
	XHP50.3 HD	90° 90°
FWHM / FWTM	157.0 + 75.0° / 167.0°	
Efficiency	92 %	
	0.5 cd/lm	.edf
LEDs/each optic	1	
Light colour	White	451 65
Required components:		500
		500
		700
		30* 300 15 ⁵ 0 ⁶ 15*
ΜΝΙCΗΙΛ		
	NVSW519A	90° 90°
	Asymmetric	730 730
	91 %	
	0.6 cd/lm	60* 60*
	1	400
	White	
Required components:	Winte	45* 600 45*
Required components.		
		800
		\times / \times \times
		30* <u>15</u> ⁵ 1850 15 ⁵ 30*
OSRAM		
Opto Semiconductors		90* 90*
	Duris S8	70
	Asymmetric	
	89 %	
	0.6 cd/lm	400
	1	
	White	45* 000 45*
Required components:		\bigvee / \top / \bigvee



OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors		5)* 50*
LED	OSLON Square CSSRM2/CSSRM3	754 75
FWHM / FWTM	Asymmetric	
Efficiency	94 %	.60° 60°.
LEDs/each optic	1	X/T X
Light colour	White	45* 660 45*
Required components:		
		1000
		(30* 15 ⁵ 30* 30*
SAMSUN	IG	90* 90*
LED	LH181B	Ly ly
FWHM / FWTM	Asymmetric	75°
Efficiency	79 %	
Peak intensity	0.4 cd/lm	60 ⁺
LEDs/each optic	4	× / 30
Light colour	White	451 451
Required components:		400
Droto stivo plat		
Protective plat	e, glass	
		30* 30*
	10	
SAMSUN	10	90*
LED	LH351B	M D
FWHM / FWTM	Asymmetric	78° - All All All All All All All All All A
Efficiency	93 %	
Peak intensity	0.7 cd/lm	400
LEDs/each optic	1	
Light colour	White	45° 800 45°.
Required components:		
		800
		30*
		15° 0° 15°



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.

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LEDiL Oy

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