

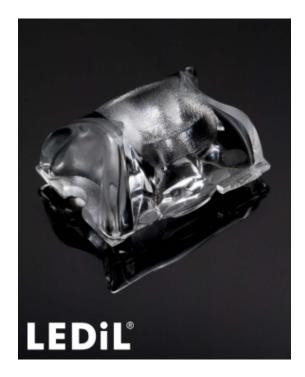
PRODUCT DATASHEET CA12787_STRADA-K

STRADA-K

Asymmetric beam for catenary lighting. Symmetric IESNA Type I (medium) beam for narrow roads and paths with long pole distance and tilted armature. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	19.6 x 15.5 mm
Height	8.8 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

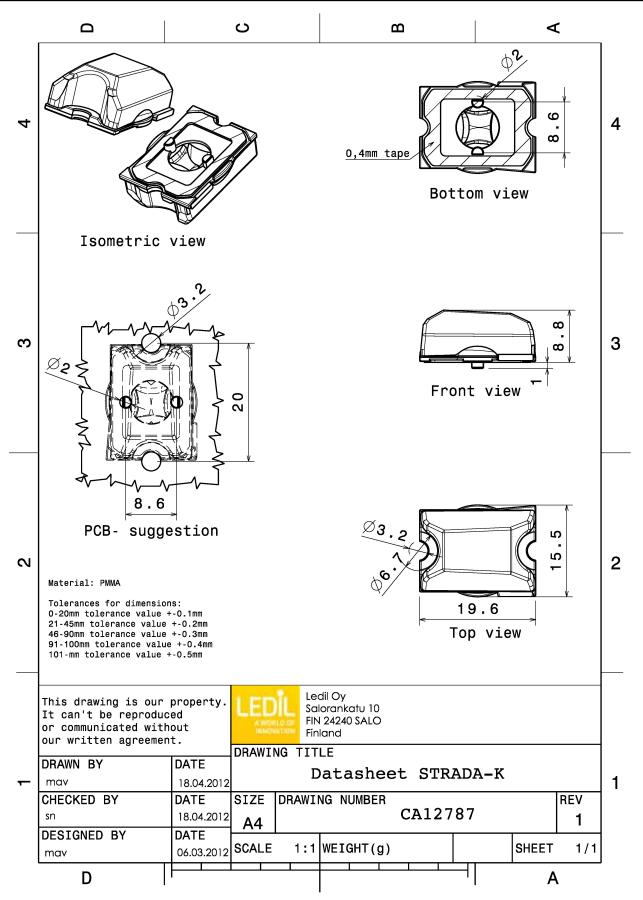
Component	Туре	Material	Colour	Finish
STRADA-K	Single lens	PMMA	clear	
VOSU-WU-M-365-TAPE	Таре			

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12787_STRADA-K	Single lens	3360	240	240	6.1
» Box size:					



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



PHOTOMETRIC DATA (MEASURED):

FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XB-D Asymmetric 96 %	90 ² 90 ² 90 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XB-D Asymmetric	24
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric	730 700 700
Efficiency Peak intensity LEDs/each optic		400
Peak intensity LEDs/each optic		
LEDs/each optic	1.2 cd/im	60* 60* 60*
	1	80
Light colour	White	45* 1000 CF*
Required component		1290
		1400
		1600
		30° 15° 30°
		90* 90*
LED	XP-E2	
FWHM / FWTM	Asymmetric	756 750
-	94 %	
	1.1 cd/lm	b0" b0".
	1	
-	White	45° 45°
Required component	S:	1200
		\times \land \times
		1600
		30* 30*
		13 ⁵ 0 ⁶ 15 ⁵
		90* 90*
LED	XP-G	
FWHM / FWTM	Asymmetric	730 770
Efficiency	95 %	40
Peak intensity	1 cd/lm	60 60
	1	
-	White	45° 65°.
Required component	S:	
		1230
		1630
		30* 1600 30*
		90* 90*
		200 77*
		60 ⁴ 60 ⁴
	1 cd/lm	
	1	
Light colour Required component	White	45° 1000 45°
i Required component	S.	1270
		1400
		1400
ED WHM / FWTM fficiency	s: XP-G2 Asymmetric 94 %	1000 1270 1402



PHOTOMETRIC DATA (MEASURED):

LED	– XT-E	
FWHM / FWTM	Asymmetric	73*
Efficiency	96 %	400
Peak intensity	1.2 cd/lm	50* 500 60*
LEDs/each optic	1	
Light colour	White	45* 1000 45*
Required compone		$N \times T \times Z$
		1220
		1400
		1600
		30° 13° 00° 13° 30°
UMIL	EDS	90* 90*
LED	LUXEON T	~ ~ ~
FWHM / FWTM	Asymmetric	730 200 785
Efficiency	94 %	
Peak intensity	1 cd/lm	80 ¹ 80 ⁰ 80 ⁰
LEDs/each optic	1	
Light colour	White	5° 6°
Required compone		100
		1230
		1400
		30° 1600 30° 30°
	EDS	50°
		92°
LED	LUXEON TX	200
LED FWHM / FWTM		90° 90°
LED FWHM / FWTM Efficiency	LUXEON TX Asymmetric 94 %	50° 73° 60°
LED FWHM / FWTM Efficiency Peak intensity	LUXEON TX Asymmetric	91 ⁻ 73 ⁻ 60 ⁻ 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON TX Asymmetric 94 % 1.1 cd/lm	90° 73° 600 600 600 600 600 600 600 600 600 60
LED FWHM / FWTM Efficiency Peak intensity	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White	607 EP
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White	60° 0°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White	6)7 000 07 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts:	6)1 000 601 000 000 000 000 000 000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts:	6)1 (p) (p) (p) (p) (p) (p) (p) (p) (p) (p)
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts:	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts:	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts:	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts: NVSW219D Asymmetric 94 %	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts: NVSW219D Asymmetric	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts: NVSW219D Asymmetric 94 % 0.9 cd/lm	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts: NVSW219D Asymmetric 94 % 0.9 cd/lm 1 White	6) 6) 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts: NVSW219D Asymmetric 94 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts: NVSW219D Asymmetric 94 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX Asymmetric 94 % 1.1 cd/lm 1 White nts: NVSW219D Asymmetric 94 % 0.9 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

ØNICHI		90* 90*
LED	NVSW319B	
FWHM / FWTM	Asymmetric	750 1200 730
Efficiency	94 %	460
Peak intensity	0.9 cd/lm	60° 600 600
LEDs/each optic	1	
Light colour	White	451
Required compone	nts:	1000
		1200
		30* 30*
	6	15 ⁵ 10 ³⁰ 15 ⁴
PHILIP	5	90° 90°
LED	Fortimo FastFlex 2x8 DS G3	200
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	00
Light colour	White	45* 1000 45*
Required compone	nts:	
		1200
		1400
		30° 1600 30°
0 0 0 0 0 0		100 125 00 12°
SAMSL	JNG	90* 90*
LED	LH351Z	
FWHM / FWTM	Asymmetric	
FWHM / FWTM Efficiency	Asymmetric 94 %	
Efficiency Peak intensity	94 % 1.1 cd/lm	
Efficiency Peak intensity LEDs/each optic	94 % 1.1 cd/lm 1	53 000 60 60 00
Efficiency Peak intensity LEDs/each optic Light colour	94 % 1.1 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic	94 % 1.1 cd/lm 1 White	27 00 6M
Efficiency Peak intensity LEDs/each optic Light colour	94 % 1.1 cd/lm 1 White	45* 45*
Efficiency Peak intensity LEDs/each optic Light colour	94 % 1.1 cd/lm 1 White	- <u>(2)</u>
Efficiency Peak intensity LEDs/each optic Light colour	94 % 1.1 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required component	94 % 1.1 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required componer	94 % 1.1 cd/lm 1 White hts:	
Efficiency Peak intensity LEDs/each optic Light colour Required componer	94 % 1.1 cd/lm 1 White hts: TL1L4	
Efficiency Peak intensity LEDs/each optic Light colour Required componen TOSHIBA Leading Innovation 39 LED FWHM / FWTM	94 % 1.1 cd/m 1 White hts: TL1L4 Asymmetric	
Efficiency Peak intensity LEDs/each optic Light colour Required componen TOSHIBA Leading Innovation >>> LED FWHM / FWTM Efficiency	94 % 1.1 cd/m 1 White hts: TL1L4 Asymmetric 94 %	
Efficiency Peak intensity LEDs/each optic Light colour Required component TOSHIBA Leading Innovation >>> LED FWHM / FWTM Efficiency Peak intensity	94 % 1.1 cd/m 1 White hts: TL1L4 Asymmetric 94 % 1.2 cd/m	
Efficiency Peak intensity LEDs/each optic Light colour Required component TOSHIBA Leading Innovation >>> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	94 % 1.1 cd/m 1 White hts: TL1L4 Asymmetric 94 % 1.2 cd/m 1	
Efficiency Peak intensity LEDs/each optic Light colour Required component TOSHIBA Leading Innovation >>> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94 % 1.1 cd/m 1 White TL1L4 Asymmetric 94 % 1.2 cd/m 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required component TOSHIBA Leading Innovation >>> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	94 % 1.1 cd/m 1 White TL1L4 Asymmetric 94 % 1.2 cd/m 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required component TOSHIBA Leading Innovation >>> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94 % 1.1 cd/m 1 White TL1L4 Asymmetric 94 % 1.2 cd/m 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required component TOSHIBA Leading Innovation >>> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94 % 1.1 cd/m 1 White TL1L4 Asymmetric 94 % 1.2 cd/m 1 White	



PHOTOMETRIC DATA (SIMULATED):

Μ ΝΙCΗΙΛ		
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	Asymmetric	200 200
Efficiency	94 %	
Peak intensity	1 cd/lm	504 500 50*
LEDs/each optic	1	X / 300
Light colour	White	
Required components:	Wille	45° 1000 45°
Required components.		1200
		1400
		1600
		30* 15 ⁵ 1890 15* 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSCONIQ P 3737 (2W version)	200
FWHM / FWTM	Asymmetric	
Efficiency	96 %	50°
Peak intensity	1 cd/lm	640
LEDs/each optic	1	
Light colour	White	45° 45°
Required components:		1200
		3400
		30* 15 ⁵ 0 ⁶ 15 ⁴ 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSLON Square PC	
FWHM / FWTM	Asymmetric	720 772
Efficiency	96 %	1 Contenant
Peak intensity	0.8 cd/lm	.60* 60*
LEDs/each optic	1	
Light colour	White	45° 800 45°
Required components:		1000
		X/T/X
		1220
		3490
		30° 15 ⁵ 0° 15° 30°
SAMSUN	IG	
LED	LH351A	
EED FWHM / FWTM	Asymmetric	750 00 700
Efficiency	92 %	
Peak intensity	1 cd/lm	50 ⁴ 500 60*
LEDs/each optic	1	
LEDs/each optic	White	
Required components:	WING .	45° 1000 45°
Required components:		1220
		1400
		1600
		30° 15° 30° 30°



PHOTOMETRIC DATA (SIMULATED):

SAMSU	NG	50° To 50°
LED	LH351B	
FWHM / FWTM	Asymmetric	70 70
Efficiency	94 %	
Peak intensity	1 cd/lm	60° 60
LEDs/each optic	1	
Light colour	White	67 Jugo 64
Required component	ts:	120
		300
		160
		30* 12 ⁵ 0 ⁴ 23 ⁵



PRODUCT DATASHEET CA12787_STRADA-K

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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