

STRADA-IP-2X6-T2-C-90

IESNA Type II (medium) beam with added house side backlight. Designed for tilted and long armatures. Variant with beam direction rotated 90°.

SPECIFICATION:

Dimensions	173.0 x 71.4 mm
Height	9.3 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈

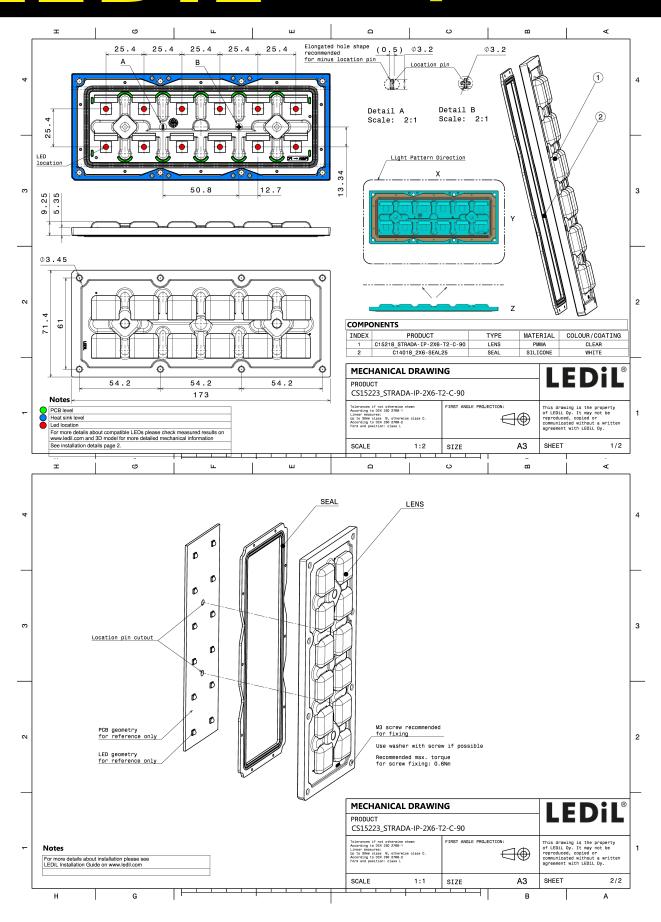


MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-IP-2X6-T2-C-90	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15223_STRADA-IP-2X6-T2-C-90	Multi-lens	120	40	40	7.2
» Box size: 476 x 273 x 247 mm					



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



	QUICK FLUX 2x6 LED XG xxx G7+	90* 90*
FWHM / FWTM		75 200 75*
	Asymmetric	
Efficiency	94 %	60 ⁴ 60 ⁴
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	400
Light colour	White	45* 45*
Required compone	nts:	
		000
		700
		30* 30*
		153 000 159
	QUICK FLUX 2x6 LED XT xxx G5	
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	200
	94 /0 0.6 cd/lm	60* 60*
Peak intensity		
LEDs/each optic	1 White	40
Light colour		6° 6'
Required compone	nts:	600
		30° 25° 0° 15° 30°.
		90* 90*
LED	XP-G2	
FWHM / FWTM	Asymmetric	751
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60* 60*
LEDs/each optic	1	400
Light colour	White	651 651
Required compone	nts:	\times
		000
		\times / \setminus \times
		30° 000 30° 30°
CREE ≑		
LEDS		90* 90*
	XP-L2	750 100 750
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60 ⁴ 60 ⁴
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	$\times \times / \times \times$
Light colour	White	45* 400 45*
Required compone	nts:	
Required compone	nts:	
Required compone	nts:	20
Required compone	nts:	500 000 000



LED	XT-E HE	90° 90°
FWHM / FWTM	Asymmetric	75°
	-	200
Efficiency	94 %	604 604
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	45'
Required compone	nts:	600
		30°
		90* 90*
LED	NVSW219F	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	400
Light colour	White	451
Required compone	nts:	
		000
		\times / \times X
		30° 30° 30° 30°
ØNICHI		90*
		90° (0°
LED	NVSW319B	90° 73° 200 73°
LED FWHM / FWTM	NVSW319B Asymmetric	90° 730 200 200
LED FWHM / FWTM Efficiency	NVSW319B Asymmetric 94 %	90° 92° 28° 200 61° 200 60° 60°
LED FWHM / FWTM Efficiency Peak intensity	NVSW319B Asymmetric 94 % 0.6 cd/lm	90° 90° 73° 100 72° 80° 80° 80° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	90° 70° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	200 200 200 200 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	200 200 200 200 200 200 600 600 600 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 cd/lm 1	20 00 00 00 00 00 00 00 00 00
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	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 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	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 cd/lm 1 White	20 60 70 70 70 70 70 70 70 70 70 7
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	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 cd/lm 1 White	20 60 70 70 70 70 70 70 70 70 70 7
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	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 cd/lm 1 White	20 60 70 70 70 70 70 70 70 70 70 7
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	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 cd/lm 1 White	200 000 000 000 000 000 000 000



SAMSL	ING	90* 90
LED	HILOM RH12 (LH351C)	
FWHM / FWTM	Asymmetric	75%
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	60 ⁴ 60
LEDs/each optic	1	400
Light colour	White	65*
Required componer	its:	\times
		6/0
		\times / \times ×
		30* 000 30*
<u> </u> 		
		90* 90'
LED FWHM / FWTM	HiLOM RM12 ZP (LH502C)	75.0 200 753
Efficiency	Asymmetric 96 %	
Peak intensity	90 % 0.5 cd/lm	50* 60
LEDs/each optic	1	
Light colour	White	40 40
Required componer		
Required componen	ιυ.	500
		010
		30° 700 30° 30° 30°
SCIO	LUX	90° 900
LED	ROY-S26XPL2 (XP-L2)	
FWHM / FWTM	Asymmetric	73%
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	50° 60
LEDs/each optic	1	
Light colour	White	45* 400 45
Required component	its:	
		600
		30* 700 30
		13 ⁵ 0 ⁶ 13 ⁶
SCIO		90* 90
LED	XLE-S22C4XTEHE (XT-E HE)	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	504 50
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45*
Required componen	ItS:	
required componer		
Required componer		



SCIO	LUX	30* D*
LED	XLE-S26XHP35 (XHP35 HD)	
FWHM / FWTM	Asymmetric	770 700 770
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	No
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required compone	ents:	
		600
		70° 700 90°
		123 00 139
		90* 90*
LED	Z5M3	
FWHM / FWTM	Asymmetric	730 730
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	604 604
LEDs/each optic	1	400
Light colour	White	15 ¹
Required compone	ents:	
		000
		\times / \times
		800
		(30° 15 ² 0° 15°
TRIDON	NIC	90*
LED	RLE 2x6 3000lm HP EXC2 OTD	
FWHM / FWTM	Asymmetric	750 770
Efficiency	94 %	
Peak intensity	0.7 cd/lm	, and the second
LEDs/each optic	1	400
Light colour	White	65* 65*
Required compone	ents:	
		\times
		200
		15 ⁶ 0 ⁶ 15 ⁴



OPTICAL RESULTS (SIMULATED):

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LEDS		90* 9 <u>4</u> *
LED	XP-G2 HE	750 100 750
FWHM / FWTM	Asymmetric	
Efficiency	92 %	60 ⁴ 60 ⁴ .
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	X 400 X
Light colour	White	¢1. ¢1.
Required components:		200
		60
		700
		30* 13 ⁵ 0° 15* 30*
LED	XP-G3	2°
FWHM / FWTM	Asymmetric	73°
Efficiency	92 %	
Peak intensity	0.4 cd/lm	60 ⁺ 60 ⁺
LEDs/each optic	1	
Light colour	White	400
Required components:		
		600
		760
		30° 30° 30° 30°
		10, 0, 10,
		901 001 000 000 000
	XT-F	30° 0° 10°
LED	XT-E Asymmetric	
LED FWHM / FWTM	Asymmetric	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency	Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White S LUXEON 5050 Round LES	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COMPARENT LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.6 cd/lm 1 White S LUXEON 5050 Round LES Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.6 cd/lm 1 White UXEON 5050 Round LES Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White S LUXEON 5050 Round LES Asymmetric 93 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.6 cd/lm 1 White UXEON 5050 Round LES Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: UDMILEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1 White UXEON 5050 Round LES Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: UDMILEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1 White UXEON 5050 Round LES Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White UXEON 5050 Round LES Asymmetric 93 % 0.5 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

UMILEC	S S	90* 90*
LED FWHM / FWTM	LUXEON V2 Asymmetric	5°
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	400
Light colour	White	er er
Required components:		000
		\times / \mid \setminus \times
		30* 15 ⁵ 0 ⁶ 15 ⁴ 30 ⁵
Μ ΝΙCΗΙΛ		90* 90
LED	NV4WB35AM	Ï
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	400
Light colour	White	451 45 ¹
Required components:		
		\times
		30* <u>500</u> 30* 30*
Μ ΝΙCΗΙΛ		
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	750 70
Efficiency	91 %	
Peak intensity	0.5 cd/lm	60° 604
LEDs/each optic	4	
Light colour		
	White	45* 400 45*
Required components:	White	6° (00 (5)
	White	47° 460 45°
	White	67 <u>60</u> 6 ³
	White	er 90 90 90 90 90 90 90 90 90 90 90 90 90
Required components:	White	6° 60 60 8° 20° 20° 20° 20°
Required components:		6° 100 6° 500 000 50° 133° 0° 133° 30 50° 5°
Required components:	PrevaLED Brick HP IP 2x6	23- 26- 20- 20- 20- 20- 20- 20- 20- 20
Required components: OSRAM LED FWHM / FWTM	PrevaLED Brick HP IP 2x6 Asymmetric	er 90 90 90 90 90 90 90 90 90 90
Required components: OSRAM LED FWHM / FWTM Efficiency	PrevaLED Brick HP IP 2x6 Asymmetric 93 %	
Required components: OSRAM LED FWHM / FWTM	PrevaLED Brick HP IP 2x6 Asymmetric	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	PrevaLED Brick HP IP 2x6 Asymmetric 93 % 0.4 cd/m	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity	PrevaLED Brick HP IP 2x6 Asymmetric 93 % 0.4 cd/m 1	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	PrevaLED Brick HP IP 2x6 Asymmetric 93 % 0.4 cd/m 1	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Required components: OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	PrevaLED Brick HP IP 2x6 Asymmetric 93 % 0.4 cd/m 1	20 20 20 20 20 20 20 20 20 20 20 20 20 2

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OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors		
LED	OSCONIQ P 3737 (2W version)	90-
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	
Peak intensity	0.6 cd/lm	ex* 60*
LEDs/each optic	1	400
Light colour	White	
Required components:	Wille	45* 600 45*
Required components.		
		800
		\times / \land \times
		30* 15 ² 0 ² 15 ⁴ 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSLON Square CSSRM2/CSSRM3	70°
FWHM / FWTM	Asymmetric	200
Efficiency	93 %	60 ⁴ 60 ⁴
Peak intensity	0.6 cd/lm	400
LEDs/each optic		$X / T \setminus X$
Light colour	White	6° 6†
Required components:		640
		\times
		000
		30° 15° 30°
SAMSUN	IC	
		90* 90*
LED	LH351C	75°
FWHM / FWTM	Asymmetric	200
Efficiency	95 %	60 ⁴ 60 ⁴
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	400
Light colour	White	45* 500 45*
Required components:		
		740
		30* 13 ⁵ 00 13* 30*
SAMSUN	16	
		90* 90*
LED	LH502C	750 100 750
FWHM / FWTM	Asymmetric	
Efficiency	93 %	60 ⁴ 60 ⁴
Peak intensity	0.5 cd/lm	
LEDs/each optic	1 White	
Light colour	White	6° 6° 6°
Required components:		N Too T
		00
		200 200 200 200 200 200 200 200 200



OPTICAL RESULTS (SIMULATED):

SAMSU	NG	30°
LED	LM301D	
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 45*
Required components		20 31- 32- 21- 21- 21- 21- 21- 21- 21- 21- 21- 2
SEOUL SEMICONDUCTOR		90° 90°
LED	Z5M4	
FWHM / FWTM	Asymmetric	736 200
Efficiency	94 %	
Peak intensity	0.5 cd/lm	400
LEDs/each optic	1	X/T X X
Light colour	White	45* 43*
Required components		20° 20° 20° 20° 20° 20° 20° 20° 20°



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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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.

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