

### 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°.

### **TECHNICAL SPECIFICATIONS:**

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

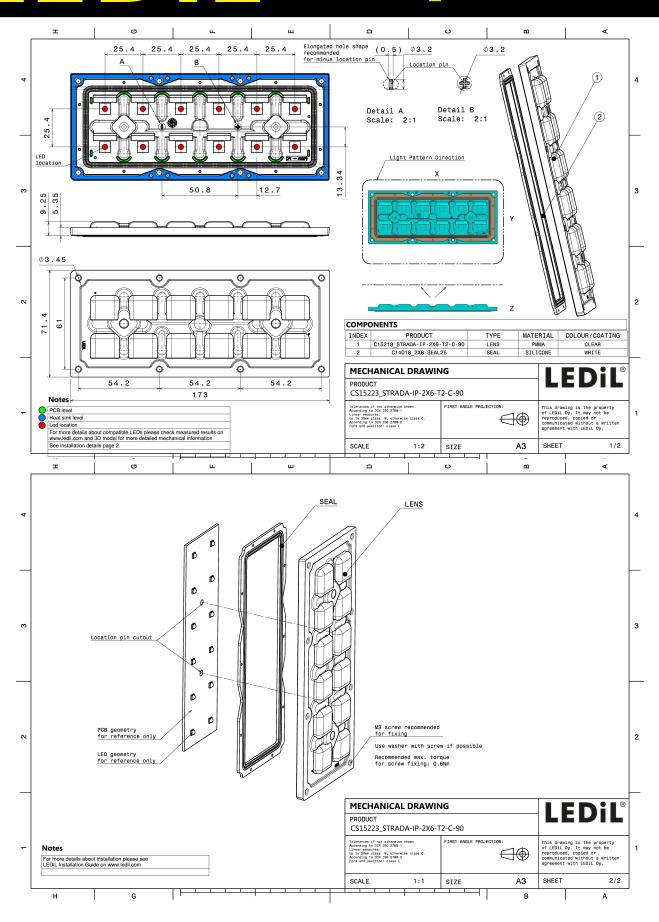


### **MATERIAL SPECIFICATIONS:**

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



		90°
LED	QUICK FLUX 2x6 LED XG xxx G7+	
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	400
Required compone		500
		700
		30° 15° 30°
		90* 90*
LED	QUICK FLUX 2x6 LED XT xxx G5	75°
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60* 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	400
Light colour	White	45*
Required compone	nts:	000
		30° <u>800</u> 30° 30°
CREE -		
CREE 4		90* 90*
LED	XP-G2	94 <sup>1</sup>
LED FWHM / FWTM	XP-G2 Asymmetric	9/* 9/* .7/*
LED FWHM / FWTM Efficiency	XP-G2 Asymmetric 94 %	9° 70 8°
LED FWHM / FWTM Efficiency Peak intensity	XP-G2 Asymmetric 94 % 0.7 cd/lm	9° 97 31 200 6° 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 Asymmetric 94 % 0.7 cd/lm 1	9° 97 20 50 6° 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White	94 97 64 64 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White	5° 5° 6° 6° 6° 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White	5° 5° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White	9° 97 7° 7° 6° 60 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White	5° 5° 5° 5° 5° 5° 5° 5° 5° 5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White Ints:	6° 6° 6° 6° 6° 6° 6° 6° 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White Ints:	6° 6° 6° 6° 6° 6° 6° 6° 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White Ints: XP-L2 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White Ints: XP-L2 Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency Peak intensity	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White ints: XP-L2 Asymmetric 94 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White ints: XP-L2 Asymmetric 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White ints: XP-L2 Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White ints: XP-L2 Asymmetric 94 % 0.5 cd/lm 1 White	6 <sup>1</sup> 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White ints: XP-L2 Asymmetric 94 % 0.5 cd/lm 1 White	6 <sup>1</sup> 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White ints: XP-L2 Asymmetric 94 % 0.5 cd/lm 1 White	6 <sup>1</sup> 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White ints: XP-L2 Asymmetric 94 % 0.5 cd/lm 1 White	6 <sup>1</sup> 20



CREE 🗧		
LED	TT-E HE	90* 90*
EED FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	200
Peak intensity	0.7 cd/lm	50* 60*
LEDs/each optic	1	
Light colour	White	57
Required compone		
riedanea compone		600
		$\times$ / $\times$
		80
		30° 15° 30°
<b>ØNICHI</b>	м	90°
LED	NVSW219F	
FWHM / FWTM	Asymmetric	770
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic	1	400
Light colour	White	45° 55°
Required compone	nts:	$\times$
		600
		$\times$ / $\times$
		30* 800 30*
~		113 <sup>3</sup> 0 <sup>6</sup> 10 <sup>4</sup>
<b>∕</b> NICHI∧	<u> </u>	00* 0° 10°
	NVSW319B	THA KHT
		THA KHT
LED	NVSW319B	THA KHT
LED FWHM / FWTM	NVSW319B Asymmetric	THA KHT
LED FWHM / FWTM Efficiency	NVSW319B Asymmetric 94 % 0.6 cd/lm 1	THA KHT
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	THA KHT
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	
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 Light colour	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White	
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*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts:	90° 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White hts:	90° 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSW319B Asymmetric 94 % 0.6 cd/m 1 White hts:	90° 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW519A Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW519A Asymmetric 96 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component 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 component Required component Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSW519A Asymmetric 96 % 0.5 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	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 component Required component 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	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component 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 component Required component 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	



SAMSL	ING	90* 90*
LED	HiLOM RH12 (LH351C)	
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	400
Light colour	White	45* 65*
Required componer	nts:	$\times$
		600
		$\times$ / $\mid$ $\setminus$ $\times$
		30° BIO 30°
		15 <sup>3</sup> 0 <sup>6</sup> 1 <sup>6</sup>
<b>S</b> ΛΜSL	ING	90* 90*
LED	HiLOM RM12 ZP (LH502C)	
FWHM / FWTM	Asymmetric	750 750 770
Efficiency	96 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	451 400 451
Required componer	nts:	
		XIX
		35° 700 15° 30°
		72 <sup>6</sup> , 6, 72 <sup>5</sup> ,
SCIO		90* 90*
LED	ROY-S26XPL2 (XP-L2)	
		100
FWHM / FWTM	Asymmetric	730
Efficiency	Asymmetric 94 %	20 Jan
Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm	72° 100 72° 50° 200 60°
Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	20 50 50 50 50 50 50 50 50 50 50 50 50 50
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	5° 100 100 100 100 100 100 100 100 100 10
Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White	60 <sup>4</sup> 200 60 <sup>4</sup>
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	60 <sup>4</sup> 200 60 <sup>4</sup>
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	60 <sup>4</sup> 200 60 <sup>4</sup>
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	60 <sup>4</sup> 200 60 <sup>4</sup>
Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 94 % 0.5 cd/lm 1 White hts:	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 94 % 0.5 cd/lm 1 White nts:	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component	Asymmetric 94 % 0.5 cd/lm 1 White hts: LUX XLE-S22C4XTEHE (XT-E HE)	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component	Asymmetric 94 % 0.5 cd/lm 1 White Ints: LUX XLE-S22C4XTEHE (XT-E HE) Asymmetric	60 <sup>4</sup> 250 60 <sup>4</sup>
Efficiency Peak intensity LEDs/each optic Light colour Required componen SCIO LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.5 cd/lm 1 White hts: LUX XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 %	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component SCIO LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm 1 White hts:	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White hts: LUX XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White hts: LUX XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White hts: LUX XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	60 <sup></sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component	Asymmetric 94 % 0.5 cd/lm 1 White hts: LUX XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	60 <sup>4</sup> 200 60 <sup>4</sup>
Efficiency Peak intensity LEDs/each optic Light colour Required component SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White hts: LUX XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	60 <sup>4</sup> 250 60 <sup>4</sup>



SCIO	LUX	90* 90*
LED	XLE-S26XHP35 (XHP35 HD)	
FWHM / FWTM	Asymmetric	730 700 70
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	60* 60*
LEDs/each optic	1	30
Light colour	White	45* 400 45*
Required componer	its:	
		600
		30° 700 30°
SEOUL		13 <sup>5</sup> 0 <sup>8</sup> 19*
SEOUL SEMICONDUCTOR		90* 90*
LED	Z5M3	
FWHM / FWTM	Asymmetric	Ma Antonio Anto
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	40
Light colour	White	é,
Required componer	nts:	600
		$ \land \land \land \land \land \lor \lor \lor$
		30° 23 <sup>5</sup> 0 <sup>6</sup> 15° 30°
TRIDON		
		90* 90*
LED	RLE 2x6 3000lm HP EXC2 OTD	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	6.*
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	6° 6'
Required componer	IIS:	200
		200
		30° 15' 0° 15' 30'



### PHOTOMETRIC DATA (SIMULATED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 HE Asymmetric 92 % 0.4 cd/lm 1 White	90° 90° 73° 200 90° 60° 60° 60° 60° 60° 60° 60° 70° 60°
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G3 Asymmetric 92 % 0.4 cd/lm 1 White	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XT-E Asymmetric 91 % 0.6 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 93 % 0.5 cd/lm 1 White	20 <sup>3</sup> 20 <sup>3</sup> 20 <sup>3</sup> 20 <sup>3</sup> 20 <sup>3</sup> 20 <sup>4</sup>
		50° 700 50° 50° 60° 50°



### **PHOTOMETRIC DATA (SIMULATED):**

	95	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON V2 Asymmetric 93 % 0.5 cd/lm 1 White	
<b>Μ</b> ΝΙCΗΙΛ		90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4WB35AM Asymmetric 93 % 0.5 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A Asymmetric 91 % 0.5 cd/lm 4 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.6 cd/lm 1 White	



### PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		90°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	73*
Efficiency	93 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	40°
Required component	s:	000
		800
		13 <sup>5</sup> 0 <sup>4</sup> 13 <sup>6</sup>
SAMSU	NG	
LED	LH502C	
FWHM / FWTM	Asymmetric	759 500 75*
Efficiency	93 %	
Peak intensity	0.5 cd/lm	634 654
		6° 6°
Peak intensity	0.5 cd/lm	
Peak intensity LEDs/each optic	0.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	



#### **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.

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