

# TIE STIX WALL 1-LIGHT INDIRECT VERTICAL & ADJUSTABLE

## 24VDC STATIC WHITE & WARM DIM

DESIGNED BY GREGORY KAY | MADE IN AMERICA

REV 02.16.22



**TXWVA-5W-2RE-12-27K-ZWM**  
See Page 2 For 4SQ & 1RE Canopy Options



**TXWVA-5W-2RE-12-27K-SWN**  
See Page 2 For 4SQ & 1RE Canopy Options



**TXWVA-5W-2RE-12-27K-SWC**  
See Page 2 For 4SQ & 1RE Canopy Options

### DESCRIPTION

The Tie Stix 1-Light Indirect Vertical Adjustable Wall/Vanity fixture features a diffused white lens with a 100 degree beam spread. The Tie Stix designer Grade 95+ CRI LEDs for excellent color rendering with a range of color temperatures including Warm Dim options of 2700K (**27D**) or 3000K (**30D**) that dim down to 2000K. Lengths range from 12" to 46" with a variety of mounting options. Fixtures include a 5 year pro-rated warranty. For custom designs and quotes, email our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### ELECTRICAL

#### Power Supply Options:

- TXWVA** -120V24VDC; [Electronic low voltage power supply fits in junction box \(included\)](#)†.
- TXWVAR** -120/277V- Remote 24VDC, Class 2 power supply [UNI Driver: Universal Dimming](#) (Sold Separately).

**Power Consumed:** 5 Watts per foot.

**Average LED Life:** 50,000 hrs @ normal usage.

### DIMMING

- TXWVA:** ELV Dimmer with Power Supply in J-BOX
- TXWVAR:** Remote Power, Universal Dimming (**TRIAC, ELV, 0-10V**)

### LUMEN PERFORMANCE

@3000K 100% 4.4W per Foot

### Mounting Options:

Mounts Horizontal or Vertical

- 4SQ:** Canopy Mounts to standard 4" electrical box with round plaster plate.
- 2RE:** Canopy Mounts to standard 4" electrical box with single gang plaster ring or single gang electrical box.
- 1RE:** Canopy Mounts to Slim Profile junction box (included) recommend for new construction applications.

**Max length:** 46 inches (custom lengths available)

**Material:** **REAL HARDWOOD CHANNELS (NOT LAMINATE OR MDF).**

Aluminum Channels and Hardware are made from high grade aluminum.

### APPROVALS

ADA, Class 2 Wiring, Damp Location Suitable, ETL listed. Assembled in America

### APPLICATIONS

Designed for indoor use only. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

System	Wattage	Canopy	Nominal Size (L) In Inches	Color Temperature	Canopy and Hardware Finish	Channel Finish
<b>TXWVA</b>	<b>5W</b>	<b>4SQ</b>	<b>12</b>	<b>27K</b>	<b>S</b>	<b>WM</b>
<b>TXWVA</b> Tie Stix Wall 1-Light, Vertical Adjustment	<b>5W</b> 5 Watt	<b>4SQ</b> 4.6" Square	<b>STATIC WHITE</b>	<b>24K</b> 2400K Very Warm White	<b>S</b> Satin Nickel	<b>WM</b> Wood Maple
<b>TXWVAR</b> Tie Stix Wall 1-Light, Vertical Adjustment, Remote Power (Order Separately),		<b>1RE</b> 1" Rectangle with Junction Box	<b>27K</b> 2700K Incandescent White	<b>27K</b> 2700K Incandescent White	<b>C</b> Chrome	<b>WN</b> Wood Walnut
		<b>2RE</b> 2.3" x 4.6" Rectangle	<b>27D</b> 2700K Warm Dim	<b>27D</b> 2700K Warm Dim	<b>Z</b> Antique Bronze	<b>WC</b> Wood Cherry
				5 Watt Only	<b>B</b> Black	<b>WO</b> Wood White Oak
				<b>30K</b> 3000K Warm White	<b>W</b> White	<b>WE</b> Wood Espresso
				<b>30D</b> 3000K Warm Dim		<b>SN</b> Satin Nickel
				5 Watt Only		<b>CH</b> Chrome
			<b>WARM DIM</b>	<b>35K</b> 3500K Neutral White		<b>BZ</b> Antique Bronze
			<b>12</b> 12.6"	<b>40K</b> 4000K Cool White		<b>BK</b> Satin Black
			<b>15</b> 15.6"			<b>WH</b> White
			<b>18</b> 18.6"			<b>SB</b> Satin Brass
			<b>21</b> 21.6"			

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# TIE STIX WALL 1-LIGHT INDIRECT VERTICAL & ADJUSTABLE

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**Nominal Lamp Data:** Lamp data for the Tie Stix 1-Light Indirect Vertical

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	TXWVA						
DESCRIPTION	STANDARD EFFICIENCY, 100° DIFFUSED WHITE LENS						
WATTS PER FOOT	5w (4.4 watts)						
COLOR TEMPERATURE	24K	27K	27D	30K	30D	35K	40K
LUMENS PER FOOT (lm/ft)	217.5	239	236	261	259	299	325
LUMENS PER WATT (lm/w)	49.5	54	49	59	54	68	74
CRI	90+	95+	95+	95+	95+	85+	84

\*27D, 30D - Warm Dim (4.8 Watts)

## HARDWARE FINISHES:



## CHANNEL FINISHES:



Wood finishes are authentic natural products, exact color and grain may vary. If trying to match existing product original product must be returned to PureEdge to ensure the closest possible match.

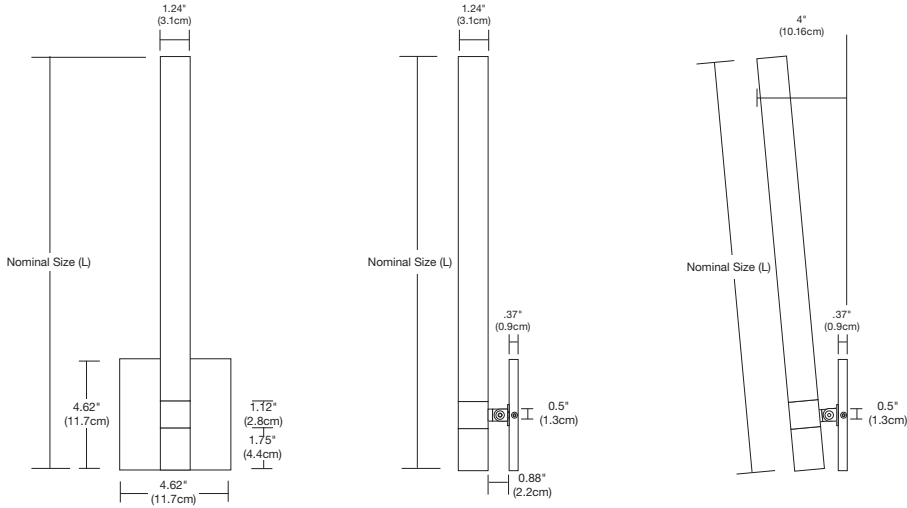


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24VDC STATIC WHITE & WARM DIM

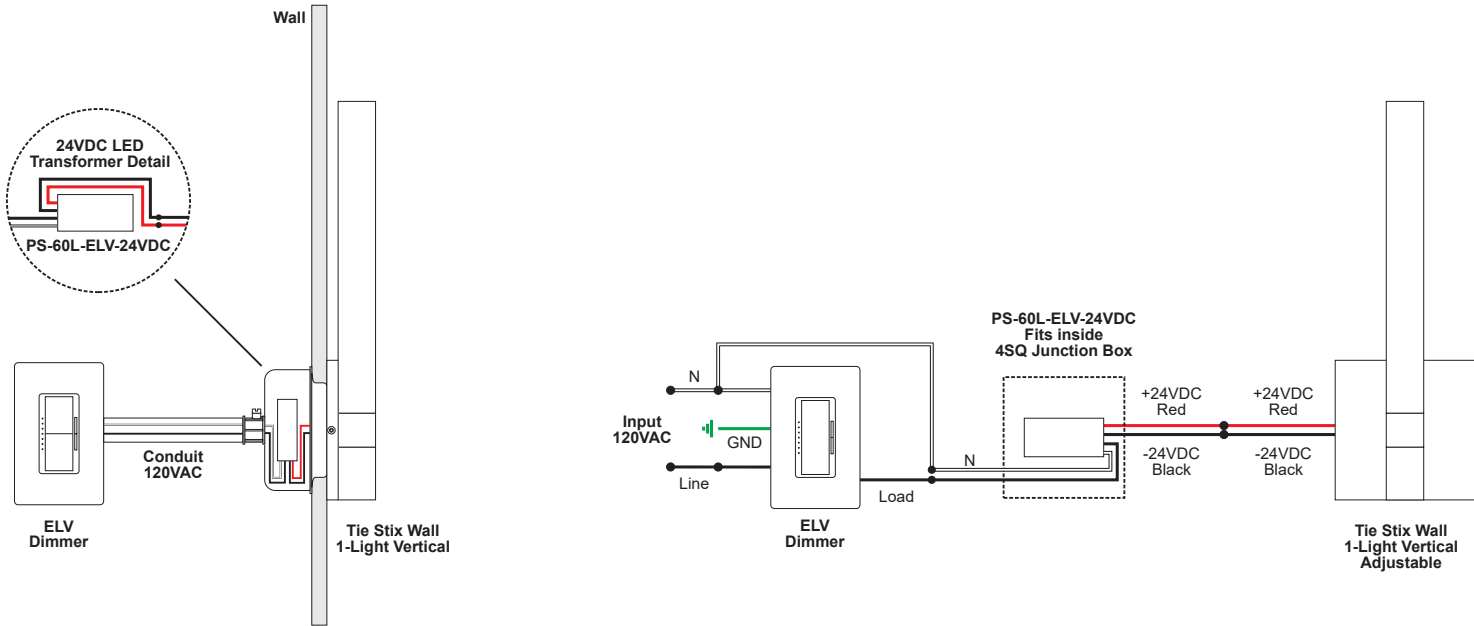
**DRAWINGS** Drawings are shown with 4" Square Canopy



## WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

**Application:** Triac dimming

**Dimming:** Dimmable with Triac dimmer: Lutron: Skylark S2-L

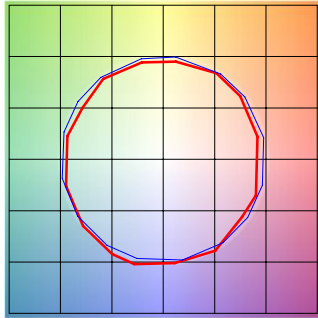


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**TM-30-15 DATA:** The data below is for SS5C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

**2700K | Rf: 87.7 | Rg: 96.1**

COLOR VECTOR GRAPHIC

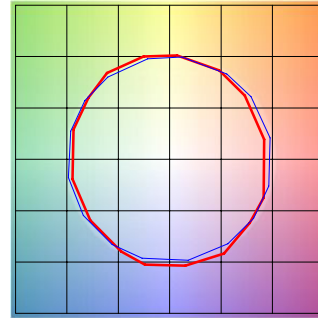


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.4	-5.6%	2.3%
2	89.7	-3.3%	3.1%
3	90.5	-1.5%	3.8%
4	90.0	-4.3%	1.1%
5	92.9	-3.7%	0.2%
6	93.5	-2.5%	-0.8%
7	86.3	-7.2%	2.5%
8	90.7	-4.0%	3.2%
9	85.2	-2.4%	8.1%
10	81.7	0.9%	10.8%
11	85.4	4.5%	8.9%
12	88.7	5.7%	-1.4%
13	88.3	1.3%	-7.9%
14	85.1	2.4%	-10.4%
15	88.1	-4.8%	-2.7%
16	81.7	-4.3%	-10.9%

**3000K | Rf: 88.1 | Rg: 99.7**

COLOR VECTOR GRAPHIC

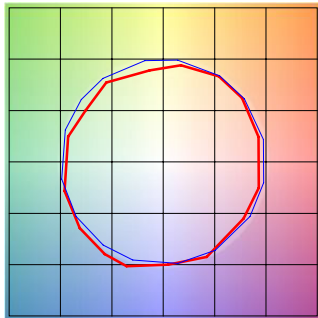


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	87.7	-5.9%	-0.3%
2	87.9	-4.4%	4.3%
3	82.9	-1.2%	7.9%
4	89.9	0.6%	4.7%
5	92.7	3.0%	3.5%
6	92.7	3.6%	-1.7%
7	90.8	-1.3%	-4.4%
8	93.7	-2.5%	-2.2%
9	91.7	-3.7%	2.3%
10	85.5	-2.8%	7.8%
11	83.3	0.7%	11.0%
12	86.4	5.5%	3.8%
13	90.6	4.6%	-3.6%
14	85.6	5.9%	-8.4%
15	89.5	-0.6%	-5.7%
16	82.6	-2.7%	-12.0%

**3500K | Rf: 86.1 | Rg: 95.5**

COLOR VECTOR GRAPHIC

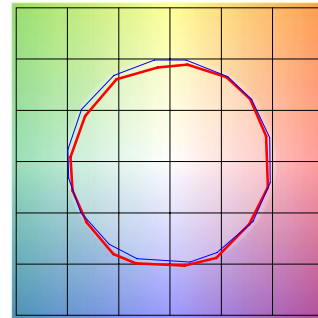


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%
15	83.4	-4.1%	-5.3%
16	82.5	-3.6%	-5.7%

**4000K | Rf: 87.6 | Rg: 96.8**

COLOR VECTOR GRAPHIC

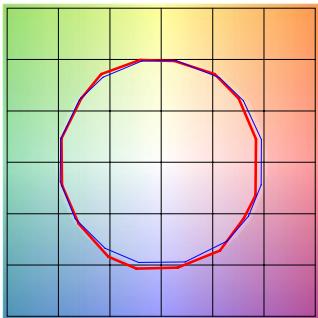


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	89.0	-3.1%	2.1%
2	93.2	-0.9%	1.3%
3	94.3	-1.1%	0.7%
4	89.5	-4.0%	-2.3%
5	87.6	-7.8%	-1.8%
6	92.2	-4.6%	0.1%
7	87.4	-6.6%	3.6%
8	85.7	-3.8%	7.0%
9	81.5	-1.3%	12.4%
10	80.0	0.9%	11.4%
11	83.3	5.9%	8.7%
12	89.7	4.8%	-0.3%
13	88.5	2.4%	-6.3%
14	92.7	4.0%	-3.8%
15	86.1	-1.6%	-4.5%
16	85.0	-1.4%	-5.0%

**2700D | Rf: 89.5 | Rg: 100.8**

COLOR VECTOR GRAPHIC

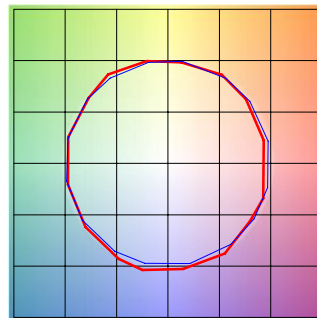


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.8	-5.1%	1.4%
2	89.8	-2.7%	4.1%
3	87.2	0.3%	5.9%
4	92.3	-0.9%	1.0%
5	93.3	1.5%	1.7%
6	92.4	3.6%	-0.2%
7	92.2	-0.9%	-2.4%
8	96.7	-0.4%	-1.1%
9	92.3	-1.2%	3.7%
10	88.9	-0.0%	6.1%
11	86.4	5.1%	7.4%
12	88.2	6.3%	-0.9%
13	87.2	3.8%	-8.1%
14	84.2	3.8%	-11.0%
15	89.8	-2.6%	-4.3%
16	82.7	-3.4%	-11.1%

**3000D | Rf: 89.8 | Rg: 101.4**

COLOR VECTOR GRAPHIC



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

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