

# TIE STIX 2-LIGHT WALL INDIRECT

## 24VDC LED HORIZONTAL WITH POWER - WARM DIM LED TECHNOLOGY

DESIGNED BY GREGORY KAY | MADE IN AMERICA

REV 06.29.21



Chrome Hardware and Walnut Finish

### DESCRIPTION

The Tie Stix wall 2-light indirect fixture features an indirect light that illuminates at a 100 degree beam spread. Offered in a variety of static white options ranging from 2000K to 5700K. PureEdge's Warm Dim technology offers the latest advancements in LED technology. The Dim-To-Warm soft strip light engine comes in two color temperatures 27(D) dims from 2700K to 2000K or 30(D) dims from 3000K-2000K. Nominal sizes range from 15 to 70 inches, with a variety of mounting option.

### ELECTRICAL:

Power Supply Options: **TXW2**-120V24VDC; electronic low voltage power supply fits in junction box (included).  
**TXW2R**-120/277V- 24VDC Remote, Class 2 power supply (Sold Separately).

Power Consumed: 5 Watts per foot  
 LEDs per Foot: Static CCT = 35. Warm Dim 35 + 35 = 70.  
 Average LED life: 60,000 hrs @ normal usage

### DIMMING

**TXW2:** ELV Dimmer with Power Supply in J-BOX  
**TXW2R:** Remote Power, Universal Dimming (TRIAC, ELV, 0-10V)

### APPROVALS

Damp Location, ETL listed, Title 24 Compliant with TXW2NR ordering code with remote power supply (Order Separately), Class 2 wiring, Made in America.

### PHYSICAL ATTRIBUTES:

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 application.  
 Ordering Increments: See ordering code for nominal and exact sizes.  
 Max length: 70 inches, custom available  
 Material: Real hardwood channels maple, walnut, cherry, white oak, and espresso. Aluminum channels and hardware are made from high grade aluminum and finished.  
 Compliance: ADA, ETL, Title 24  
 Warranty: PureEdge's 5 Year PRO-RATED Warranty is back by over 30 years of precision lighting manufacturing and design.

### APPLICATIONS

Hospitality, Hotels, Retail, Flagship Stores, High Rises, Condo Buildings, Residential Vanity or Wall  
 \*Dynamic Tunable White please see TIE STICK 2K4K variable white spec sheet.

### Static White

System	Wattage Per Foot	Canopy	Length in Inches Nominal Size			Color Temperature	Canopy & Hardware Finish Channel Finish	
<b>TXW2N</b>	<b>5W</b>	<b>4SQ</b>	<b>70</b>			<b>24K</b>	<b>S</b>	<b>WM</b>
<b>TXW2N</b> Tie Stix Wall 2-Light Indirect <b>TXW2NR</b> Tie Stix Wall 2-Light Indirect Remote Power Supply, UNI Driver, Title 24	5W 5 Watts	<b>4SQ</b> 4.6" Square <b>1RE</b> 1" Rectangle with Junction Box <b>2RE</b> 2" x 4" Rectangle	<b>NOMINAL LIGHT LENGTH</b>	<b>EXACT LENGTH WOOD FINISH</b>	<b>EXACT LENGTH METAL FINISH</b>	<b>20K</b> 2000K Sunset White <b>22K</b> 2200K Amber White <b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>27D</b> 2700K Warm Dim <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White <b>57K</b> 5700K Daylight White	<b>S</b> Satin Nickel <b>C</b> Chrome <b>Z</b> Antique Bronze <b>B</b> Satin Black <b>W</b> White	<b>WM</b> Wood Maple <b>WN</b> Wood Walnut <b>WC</b> Wood Cherry <b>WO</b> Wood White Oak <b>WE</b> Wood Espresso <b>BK</b> Satin Black <b>BZ</b> Antique Bronze <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>SB</b> Satin Brass
			15	15.9	15.5			
			17	18.3	17.9			
			22	23.1	22.7			
			29	30.3	29.9			
			34	35.1	34.7			
			46	47.1	46.7			
			58	59.1	58.7			
			70	71.1	70.7			

### Warm Dim

System	Wattage Per Foot	Canopy	Length in Inches Nominal Size			Color Temperature	Canopy & Hardware Finish Channel Finish	
<b>TXW2N</b>	<b>5W</b>	<b>4SQ</b>	<b>70</b>			<b>24K</b>	<b>S</b>	<b>WM</b>
<b>TXW2N</b> Tie Stix Wall 2-Light Indirect <b>TXW2NR</b> Tie Stix Wall 2-Light Indirect	5W 5 Watts	<b>4SQ</b> 4.6" Square <b>1RE</b> 1" Rectangle with Junction Box <b>2RE</b> 2" x 4" Rectangle	<b>NOMINAL LIGHT LENGTH</b>	<b>EXACT LENGTH WOOD FINISH</b>	<b>EXACT LENGTH METAL FINISH</b>	<b>20K</b> 2000K Sunset White <b>22K</b> 2200K Amber White <b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>27D</b> 2700K Warm Dim <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White <b>57K</b> 5700K Daylight White	<b>S</b> Satin Nickel <b>C</b> Chrome <b>Z</b> Antique Bronze <b>B</b> Satin Black <b>W</b> White	<b>WM</b> Wood Maple <b>WN</b> Wood Walnut <b>WC</b> Wood Cherry <b>WO</b> Wood White Oak <b>WE</b> Wood Espresso <b>BK</b> Satin Black <b>BZ</b> Antique Bronze <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>SB</b> Satin Brass
			15	16.5	16.1			
			18	19.5	19.1			
			21	22.5	22.1			
			27	28.5	28.1			
			33	34.5	34.1			
			45	46.5	46.1			
			57	58.5	58.1			
			69	70.5	70.1			

PROJECT		FIXTURE TYPE		DATE	
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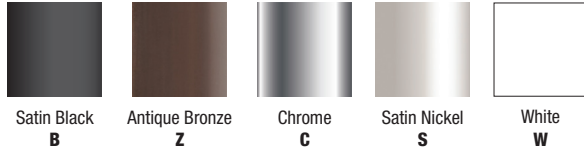
Nominal Lamp Data: Lamp data for the Twiggy Vanity

REV 06.29.21

DESCRIPTION	CSDSM									
	STANDARD EFFICIENCY, 100° DIFFUSED WHITE LENS WITHOUT LOUVER									
	5w (4.4 watts)									
WATTS PER FOOT										
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	226	251	275	341	301	341	345	375	399	
LUMENS PER WATT (lm/w)	51	57	62	71	68	71	78	85	90	
CRI	85+	90+	95+	93+	95+	92+	85+	85+	85+	

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

### CANOPY & HARDWARE FINISHES:



### CHANNEL FINISHES:



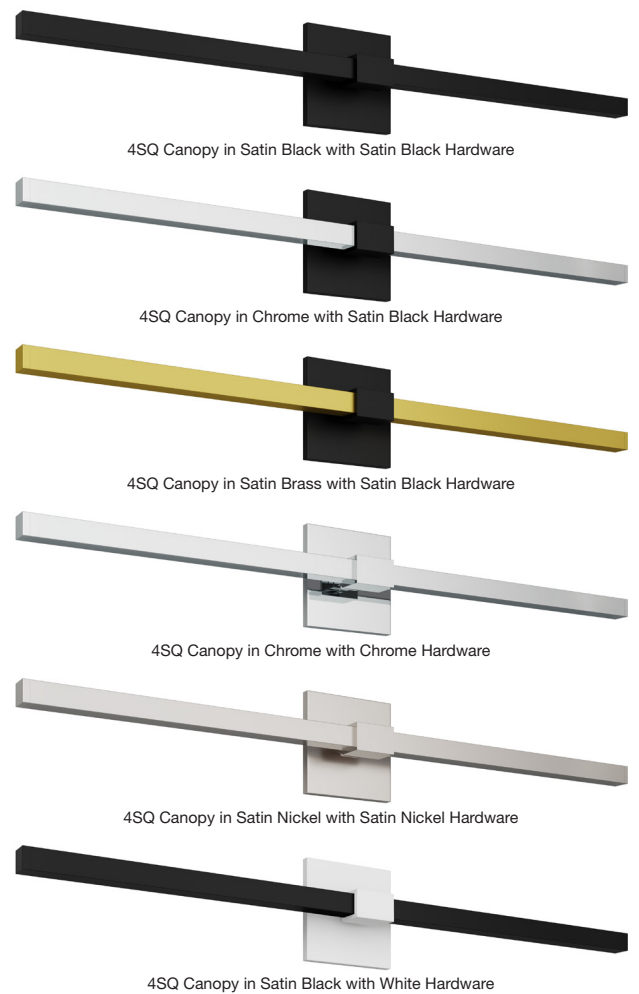
Wood finishes are authentic natural products, exact color and grain may vary. If trying to match existing product original product must be returned to PureEdge to ensure the closest possible match.



### WOOD CHANNEL FINISHES



### METAL CHANNEL FINISHES



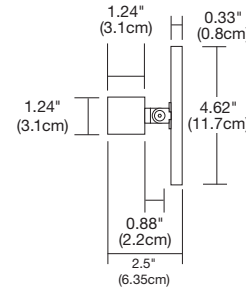
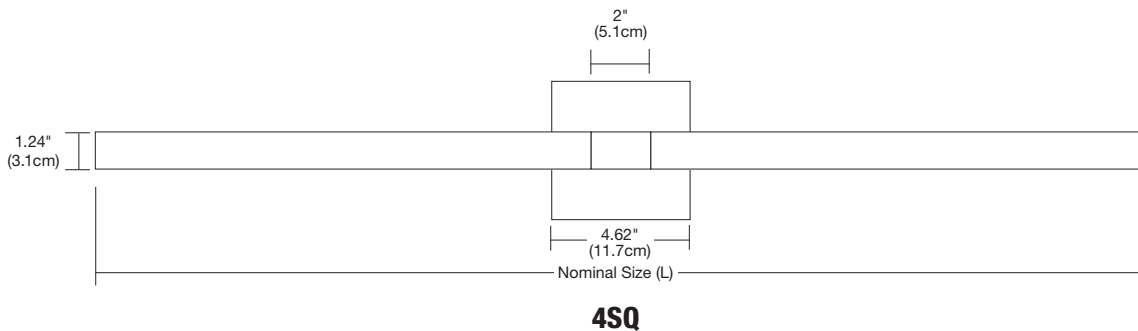
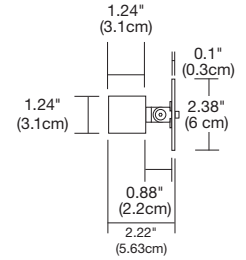
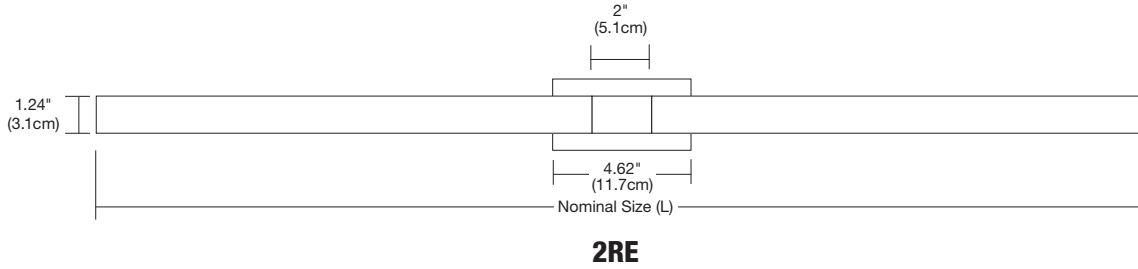
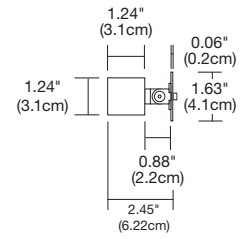
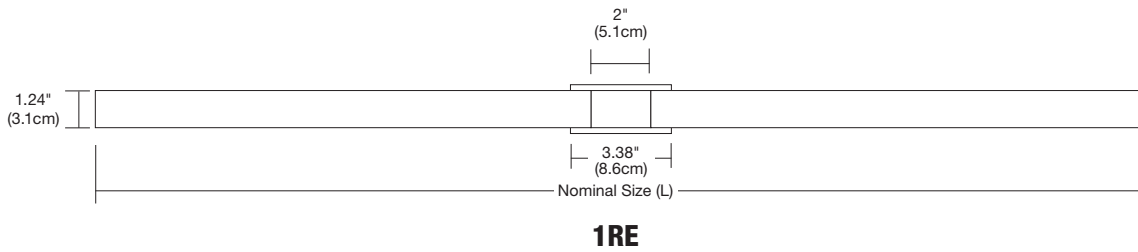
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**Length Chart:** Please refer to chart below for overall length (with End Caps) for Twiggy D1 Vanity

Ordering Code Length	Overall Length (Inches)	Total Wattage (at 5 Watt per ft)	Minimum Power Supply (at 5 watts per ft)	2 Fixtures Total Wattage (at 10 watts per ft)	Minimum Power Supply (at 10 watts per ft)
12IN	13.1	5	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	10	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
15IN	15.5	6	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	12	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
17IN	17.9	7	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	14	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
20IN	20.3	8	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	16	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
22IN	22.7	9	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	18	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
24IN	25.1	10	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	20	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
27IN	27.5	11	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	22	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
29IN	29.9	12	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	24	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
32IN	32.3	13	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	26	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
34IN	34.7	14	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	28	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
36IN	37.1	15	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	30	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
39IN	39.5	16	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	32	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
41IN	41.9	17	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	34	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
44IN	44.3	18	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	36	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
46IN	46.7	19	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	38	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
48IN	49.1	20	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	40	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
51IN	51.5	21	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	42	PSB-2x60w-UNI-24VDC or PSB-100W-24VDC-2XK
53IN	53.9	22	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	44	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
56IN	56.3	23	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	46	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
58IN	58.7	24	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	48	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
60IN	61.1	25	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	50	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
63IN	63.5	26	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	52	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
65IN	65.9	27	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	54	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK

PROJECT		FIXTURE TYPE		DATE	
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### UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS

<b>ORDERING CODE</b>	<b>PSB-40W-UNI-24VDC</b> 	<b>PSB-60W-UNI-24VDC</b> 	<b>PSB-2X40W-UNI-24VDC</b> 	<b>PSB-2X60W-UNI-24VDC</b> 
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	40W	60W	2X40W	2X60W
<b>INPUT VOLTAGE</b>	120-277VAC	120-277VAC	120-277VAC	120-277VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	CLASS 2
<b>T-BAR MOUNTING</b>	<b>PSB-40W-UNI-24VDC-TB</b>	<b>PSB-60W-UNI-24VDC-TB</b>	<b>PSB-2X40W-UNI-24VDC-TB</b>	<b>PSB-2X60W-UNI-24VDC-TB</b>
<b>IN-WALL MOUNTING</b>	<b>PSB-40W-UNI-24VDC-IW</b>	<b>PSB-60W-UNI-24VDC-IW</b>	<b>PSB-2X40W-UNI-24VDC-IW</b>	<b>PSB-2X60W-UNI-24VDC-IW</b>

### UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS

<b>ORDERING CODE</b>	<b>PSB-96W-UNI-24VDC</b> 	<b>PSB-2X96W-UNI-24VDC</b> 	<b>PSB-3X96W-UNI-24VDC</b> 	<b>PSB-4X96W-UNI-24VDC</b> 
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	96W	2X96W	3X96W	4X96W
<b>INPUT VOLTAGE</b>	120-277VAC	120-277VAC	120-277VAC	120-277VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	CLASS 2
<b>T-BAR MOUNTING</b>	<b>PSB-96W-UNI-24VDC-TB</b>	<b>PSB-2X96W-UNI-24VDC-TB</b>	<b>PSB-3X96W-UNI-24VDC-TB</b>	<b>PSB-4X96W-UNI-24VDC-TB</b>
<b>IN-WALL MOUNTING</b>	<b>PSB-96W-UNI-24VDC-IW</b>	<b>PSB-2X96W-UNI-24VDC-IW</b>	NA	NA

### ELV DIMMING & CONTROLS

<b>LUTRON DIVA: DVELV-300P</b>	•	•	•	•
<b>LUTRON SKYLARK: SELV-300P</b>	•	•	•	•
<b>LUTRON RADIO RA2: RRD-6NA</b>	•	•	•	•
<b>LUTRON MAESTRO: MAELV-600</b>	•	•	•	•
<b>LEGRAND ADORNE: ADTP-703TUM4</b>	•	•	•	•

### 0-10 DIMMING & CONTROLS

<b>PHILIPS SUNRISE: SR1200ZTUNV</b>	•	•	•	•
<b>LUTRON DIVA: DVTV-WH, DVSTV-WH</b>	•	•	•	•
<b>LUTRON NOVA T: NTSTV-DV-XX</b>	•	•	•	•
<b>LUTRON GRAFIX EYE QS: QSGRJ-XP</b>	•	•	•	•
<b>LUTRON RADIO RA2: RRD-10ND</b>	•	•	•	•
<b>LEVITON: LEV40050</b>	•	•	•	•
<b>LEVITON IP710-LFZ</b>	•	•	•	•
<b>LEGRAND: ADPD4FBL3P2W4</b>	•	•	•	•

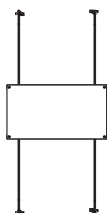
### TRIAC DIMMING & CONTROLS

<b>LUTRON SKYLARK: S2-L-WH</b>	•	•	•	•
<b>LUTRON DIVA DVLV-600P-WH</b>	•	•	•	•
<b>LUTRON DIVA DVLV-603P-WH</b>	•	•	•	•
<b>LUTRON MAESTRO MALV-600-WH</b>	•	•	•	•
<b>LUTRON MAESTRO MALV-1000-WH</b>	•	•	•	•
<b>LUTRON MAESTRO MA-R-XX</b>	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90

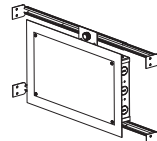
- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
  - Triac Dimmer: (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
  - ELV Dimmer: (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supplies used for LED lighting
  - 0-10 Dimmer: Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.
- The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with an ELV LED Low Voltage Drivers.

\*Tunable White requires Dual power Supplies and Controls. For single control use with our proprietary Tunable White Controller CDMX-1, refer to Universal Tunable White Power Supply Specifications. Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.



**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

**Ordering Codes :** PSB-40W-UNI-24VDC-TB, PSB-60W-UNI-24VDC-TB, PSB-96W-UNI-24VDC-TB, PSB-2X40W-UNI-24VDC-TB, PSB-2X60W-UNI-24VDC-TB, PSB-2X96W-UNI-24VDC-TB, PSB-3X96W-UNI-24VDC-TB, PSB-4X96W-UNI-24VDC-TB



**In-Wall Mounting Kit:** Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

**Ordering Codes 5.1" x 14.25":** PSB-40W-UNI-24VDC-IW, PSB-60W-UNI-24VDC-IW, PSB-96W-UNI-24VDC-IW

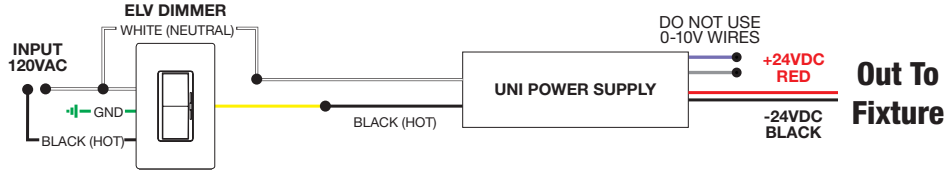
**Ordering Codes 8.5" x 14.25":** PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

PROJECT	FIXTURE TYPE	DATE
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**WIRING DIAGRAMS UNIVERSAL POWER SUPPLY**

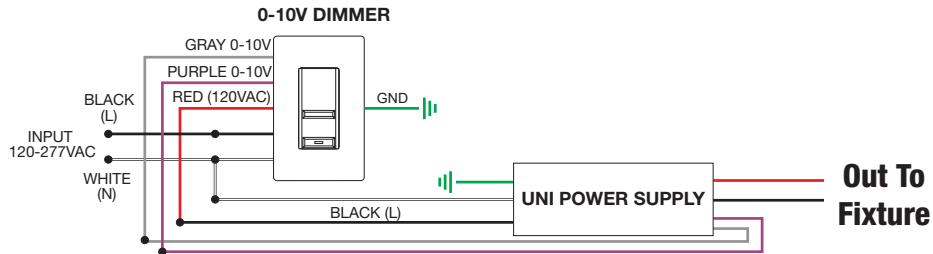
**Application:** ELV dimming for Static White and Warm Dim

**Dimming:** Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



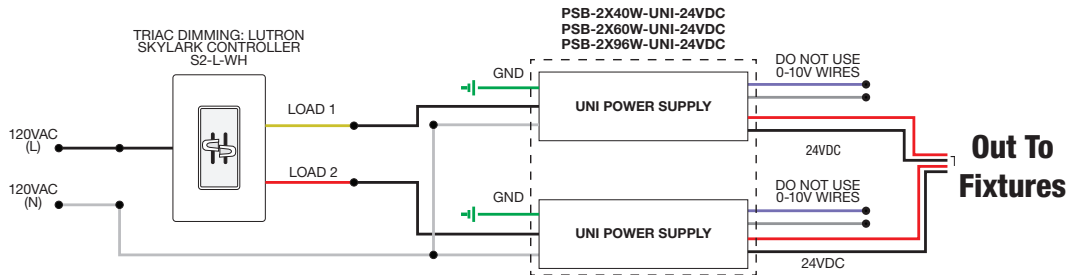
**Application:** 0-10V dimming for Static White

**Dimming:** Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTV-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX; Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ; Legrand: ADPD4FBL3P2W4



**Application:** Triac dimming for two power supplies, use for Static White

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






PROJECT	FIXTURE TYPE	DATE

# INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

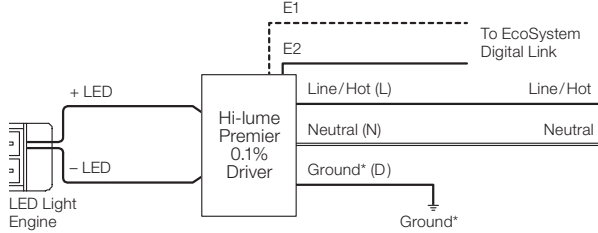
24VDC, LUTRON ECOSYSTEM

## LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†

ORDERING CODES	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240
			
<b>SPECIFICATIONS</b>			
<b>MAXIMUM LOAD</b>	96W	5W-40W	5W-40W
<b>INPUT VOLTAGE</b>	120-277VAC	120-277VAC	120-277VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	10.5" X 5.5" X 2"	4" X 4.89" X 2.62"	4" X 4.89" X 2.62"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2
<b>T-BAR MOUNTING</b>	<b>L3D0-96W24V-U-TB</b>	NA	NA
<b>DIMMING AND CONTROLS</b>			
<b>RADIO RA2</b>	•	•	•
<b>HOMEWORKS QS</b>	•	•	•
<b>PHPM-3F-120</b>	•	•	•
<b>PHPM-3F-DV</b>	•	•	•
<b>BCI-0-10</b>	•	•	•

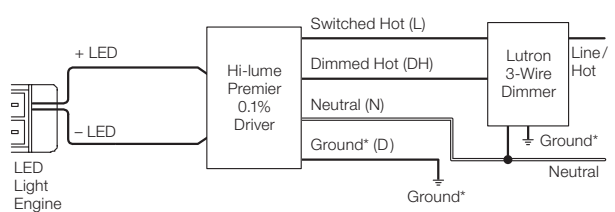
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

2-Wire EcoSystem Wiring Diagram

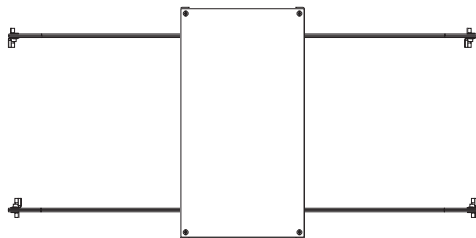


LTEA4U1UKL-CV240

3-Wire Wiring Diagram



L3DA4U1UKL-CV240



**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4ft of 14 gauge pair Teflon cables with quick secure connectors.

**Ordering Code:** L3D0-96W24V-U-TB

PROJECT	FIXTURE TYPE	DATE
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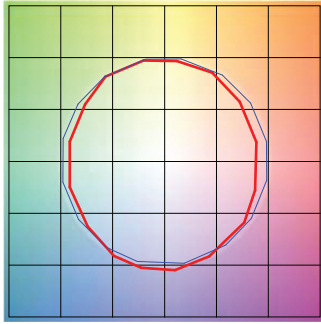
# VANITY TM30 DATA

24VDC LED HORIZONTAL WITH POWER - WARM DIM LED TECHNOLOGY

**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.

**2200K** | Rf: 83.9 | Rg: 94.9

Color Vector Graphic

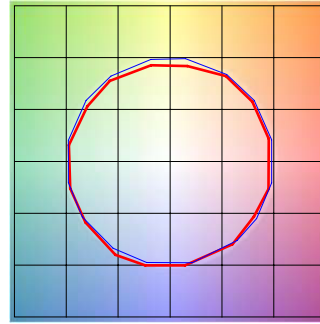


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

**2400K** | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

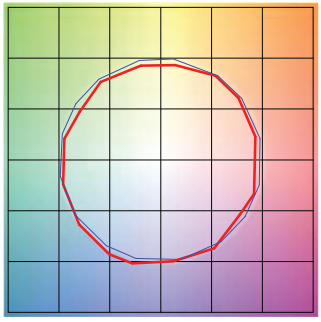


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92	-2.4%	1.5%
2	94.7	-2.1%	-0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

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

Color Vector Graphic

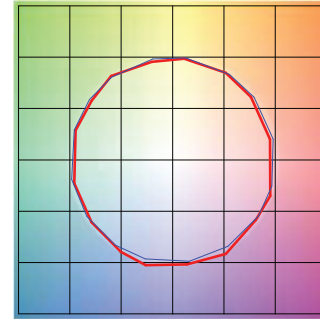


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

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

Color Vector Graphic

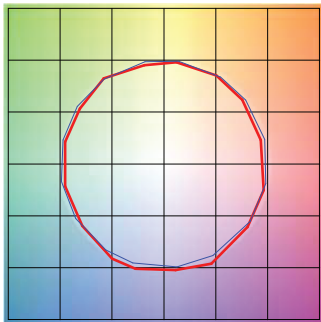


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

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

Color Vector Graphic

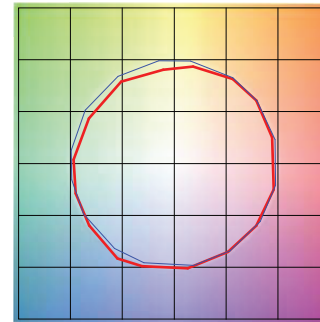


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

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

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

PROJECT	FIXTURE TYPE	DATE
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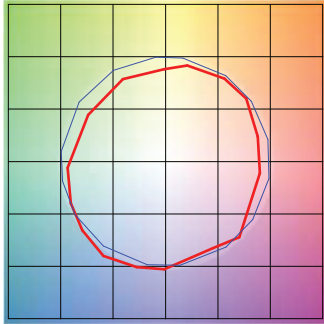
# VANITY TM30 DATA

24VDC LED HORIZONTAL WITH POWER - WARM DIM LED TECHNOLOGY

**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.

**5700K** | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

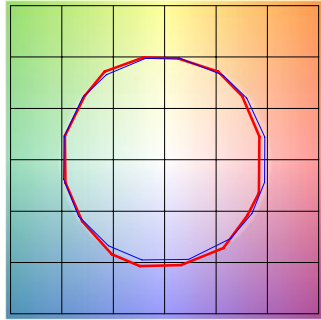


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%

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

Color Vector Graphic

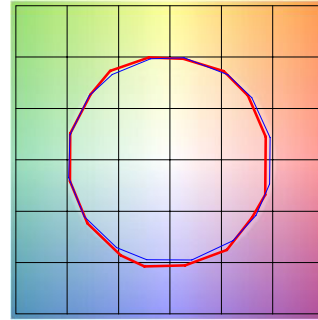


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

PROJECT	FIXTURE TYPE	DATE
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