

# TIE STIX

## WALL 2-LIGHT ADJUSTABLE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 01.13.20



### DESCRIPTION:

The Tie Stick Wall 2-Light Adjustable fixture features an opaque flat lens that illuminates smooth dot-free LEDs with a 100-degree beam spread. The fixture contains 85+ or 92+ CRI LEDs. Warm Dim or Dim-to-Warm technology is available in 27(D) Dims from 2700K to 2000K or 30(D) Dims from 3000K-2000K. Sizes range from 15 to 70 inches with a variety of mounting option (see below). Title 24 Compliant only with remote power supply option.

### ELECTRICAL/DIMMING:

**Voltage:** TXW2A120VAC - Output 24VDC ELV power supply inside wall electrical junction box

**Voltage:** TXW2AR 120/277V- Output 24VDC Remote Power Supply, Class 2 Title 24 Universal power supply with ELV, Triac, or 0-10 dimming option. Lutron Ecosystem remote 120V-277V/24VDC

**Power Consumption:** 5 Watts Per Foot

**LEDs per Foot:** 35 Static White

**LEDs per Foot:** 35+35 70 (Tunable White, Warm Dim)

**Approvals:** Class 2 Wiring, Damp Location Suitable, ADA, ETL listed. Title 24 Compliant with TXW2AR ordering code, with remote power supply

### MOUNTING OPTIONS:

**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

**Max Length:** 70 inches, Custom Size Available.

**Location:** Suitable for damp or dry location, interior use only.

**Material:** Real Hardwood Channels Maple, Walnut, Cherry, White Oak, and Espresso. Aluminum Channels and Hardware are made from high-grade aluminum and finishes.

**Warranty:** 5 Years Pro-rated from time of purchase. Backed by 30 years of manufacturing excellence.

**Compliance:** ADA, ETL, Title 24 Compliant with Remote Power Supply

**Applications:** Hospitality, Hotels, Restaurants, Retail, Offices Spaces, Conference Rooms, General Architectural Lighting, Bathroom Vanity, Hallways, Warm Dim (Dim-To-Warm)

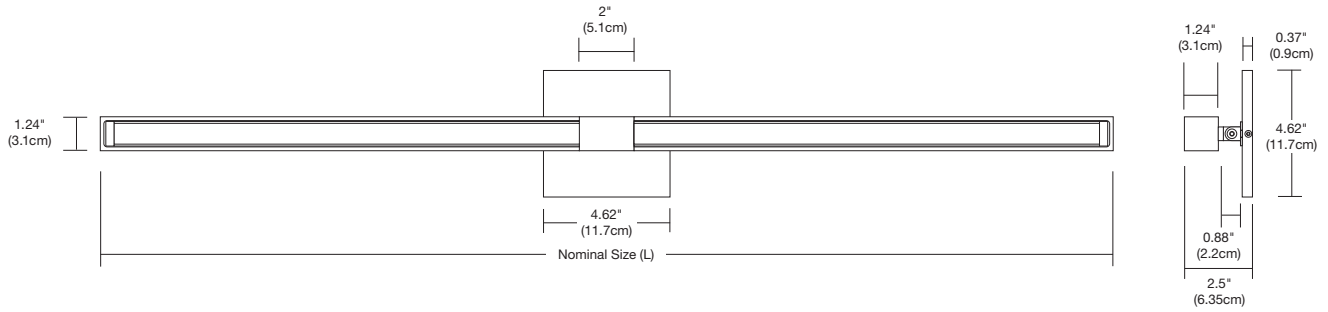
DESCRIPTION	TXW2A								
	STANDARD EFFICIENCY, 100° DIFFUSED WHITE LENS WITHOUT LOUVER								
WATTS PER FOOT	5W (4.4 watts)								
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K
LUMENS PER FOOT (lm/ft)	196	217.5	239	236	261	259	299	325	346
LUMENS PER WATT (lm/w)	45	49.5	54	49	59	54	68	74	79
CRI	85+	90+	95+	95+	95+	95+	85+	84	84

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

System	Wattage	Canopy	Nominal Size (L) In Inches	Color Temperature	Canopy and Hardware Finish	Channel Finish																																																																																										
<b>TXW2A</b>	<b>5W</b>	<b>4SQ</b>	<b>15</b>	<b>27K</b>	<b>S</b>	<b>WM</b>																																																																																										
<b>TXW2AR</b>	5W 5 Watt	4SQ 4.6" Square 1RE 1" Rectangle with Junction Box 2RE 2" x 4" Rectangle	<table border="1"> <thead> <tr> <th colspan="2">22K - 57K (Wood)</th> <th colspan="2">27D &amp; 30D (Metal)</th> </tr> <tr> <th>Exact</th> <th>Exact</th> <th>Exact</th> <th>Exact</th> </tr> </thead> <tbody> <tr><td>15</td><td>15.9"</td><td>15</td><td>15.5"</td></tr> <tr><td>17</td><td>18.3"</td><td>17</td><td>17.9"</td></tr> <tr><td>22</td><td>23.1"</td><td>22</td><td>22.7"</td></tr> <tr><td>29</td><td>30.3"</td><td>29</td><td>29.9"</td></tr> <tr><td>34</td><td>35.1"</td><td>34</td><td>34.7"</td></tr> <tr><td>46</td><td>47.1"</td><td>46</td><td>46.7"</td></tr> <tr><td>58</td><td>59.1"</td><td>58</td><td>58.7"</td></tr> <tr><td>70</td><td>71.1"</td><td>70</td><td>70.7"</td></tr> </tbody> </table>	22K - 57K (Wood)		27D & 30D (Metal)		Exact	Exact	Exact	Exact	15	15.9"	15	15.5"	17	18.3"	17	17.9"	22	23.1"	22	22.7"	29	30.3"	29	29.9"	34	35.1"	34	34.7"	46	47.1"	46	46.7"	58	59.1"	58	58.7"	70	71.1"	70	70.7"	<table border="1"> <tbody> <tr><td>22K</td><td>2200K Amber White</td></tr> <tr><td>24K</td><td>2400K Very Warm White</td></tr> <tr><td>27K</td><td>2700K Incandescent White</td></tr> <tr><td>27D</td><td>2700K Warm Dim</td></tr> <tr><td>30K</td><td>3000K Warm White</td></tr> <tr><td>30D</td><td>3000K Warm Dim</td></tr> <tr><td>35K</td><td>3500K Neutral White</td></tr> <tr><td>40K</td><td>4000K Cool White</td></tr> <tr><td>57K</td><td>5700K Daylight White</td></tr> </tbody> </table>	22K	2200K Amber White	24K	2400K Very Warm White	27K	2700K Incandescent White	27D	2700K Warm Dim	30K	3000K Warm White	30D	3000K Warm Dim	35K	3500K Neutral White	40K	4000K Cool White	57K	5700K Daylight White	<table border="1"> <tbody> <tr><td>S</td><td>Satin Nickel</td></tr> <tr><td>C</td><td>Chrome</td></tr> <tr><td>Z</td><td>Antique Bronze</td></tr> <tr><td>B</td><td>Satin Black</td></tr> <tr><td>W</td><td>White</td></tr> </tbody> </table>	S	Satin Nickel	C	Chrome	Z	Antique Bronze	B	Satin Black	W	White	<table border="1"> <tbody> <tr><td>WM</td><td>Wood Maple</td></tr> <tr><td>WN</td><td>Wood Walnut</td></tr> <tr><td>WC</td><td>Wood Cherry</td></tr> <tr><td>WO</td><td>Wood White Oak</td></tr> <tr><td>WE</td><td>Wood Espresso</td></tr> <tr><td>SN</td><td>Satin Nickel</td></tr> <tr><td>CH</td><td>Chrome</td></tr> <tr><td>BZ</td><td>Antique Bronze</td></tr> <tr><td>BK</td><td>Satin Black</td></tr> <tr><td>WH</td><td>White</td></tr> <tr><td>SB</td><td>Satin Brass</td></tr> </tbody> </table>	WM	Wood Maple	WN	Wood Walnut	WC	Wood Cherry	WO	Wood White Oak	WE	Wood Espresso	SN	Satin Nickel	CH	Chrome	BZ	Antique Bronze	BK	Satin Black	WH	White	SB	Satin Brass
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\*For Exact Lengths See pg. 2

PROJECT	FIXTURE TYPE	DATE
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**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.



**TIE STIX WALL 2-LIGHT ADJUSTABLE ACTUAL SIZE**  
24K, 27K, 30K, 35K, 40K and 57K

ORDERING CODE (NOMINAL SIZE)	WOOD CHANNEL OVERALL LENGTH (INCHES)	METAL CHANNEL OVERALL LENGTH (INCHES)
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

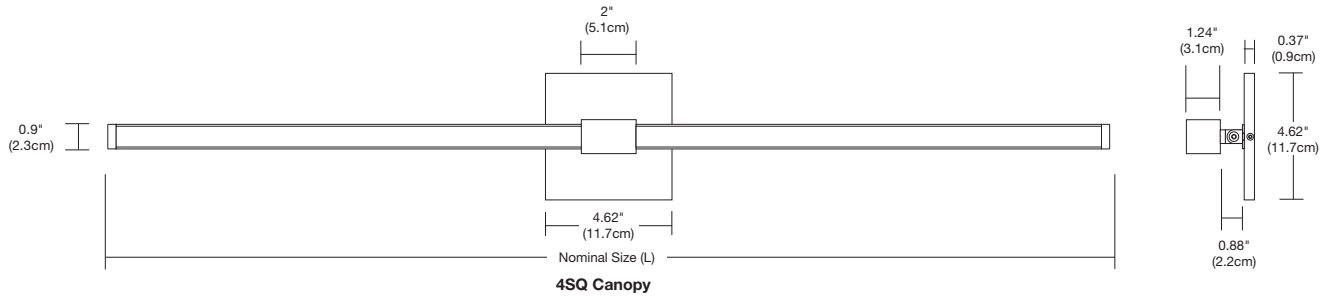
**27D and 30D**

ORDERING CODE (NOMINAL SIZE)	WOOD CHANNEL OVERALL LENGTH (INCHES)	METAL CHANNEL OVERALL LENGTH (INCHES)
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

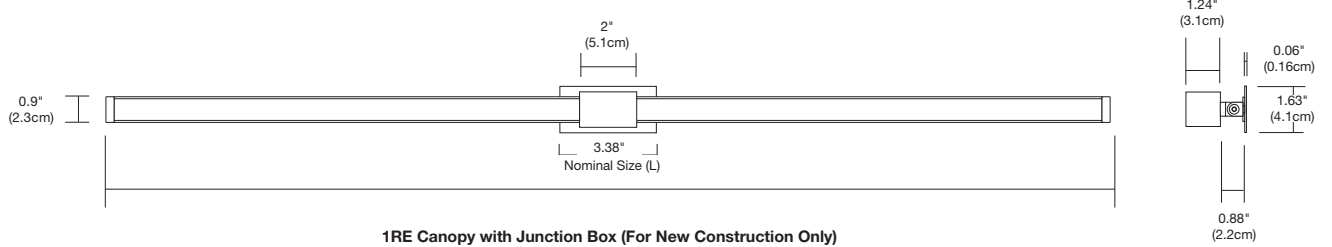
PROJECT	FIXTURE TYPE	DATE
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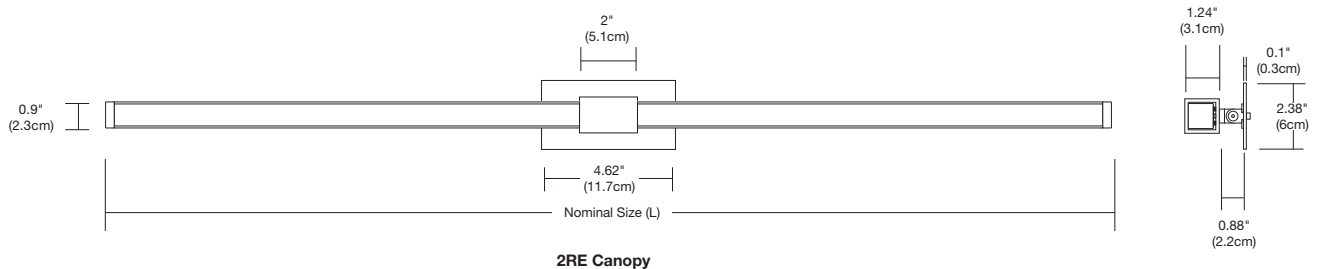
**TXW2A-5W-4SQ\_-27K-SSN**



**TXW2A-5W-1RE\_-27K-SSN**



**TXW2A-5W-2RE\_-27K-SSN**



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**WOOD CHANNEL FINISHES**



TXW2A-5W-1RE-22-27K-SWN



TXW2A-5W-1RE-22-27K-ZWC



TXW2A-5W-1RE-22-27K-ZWM



TXW2A-5W-1RE-22-27K-ZWN



TXW2A-5W-2RE-22-27K-ZWN



TXW2A-5W-4SQ-22-27K-ZWC



TXW2A-5W-4SQ-22-27K-SWM



TXW2A-5W-4SQ-22-27K-SWN

**METAL CHANNEL FINISHES**



TXW2A-5W-1RE-22-27K-BSB



TXW2A-5W-1RE-22-27K-BWH



TXW2A-5W-1RE-22-27K-WBZ



TXW2A-5W-1RE-22-27K-WSB



TXW2A-5W-2RE-22-27K-BBK



TXW2A-5W-2RE-22-27K-BSB



TXW2A-5W-2RE-22-27K-CBK

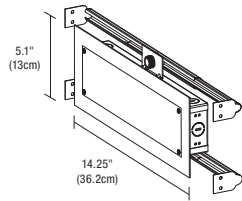


TXW2A-5W-2RE-22-27K-CCH

PROJECT	FIXTURE TYPE	DATE
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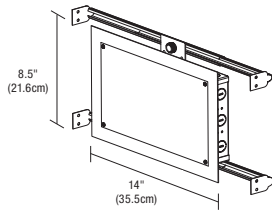


**IN WALL MOUNTING OPTIONS**



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



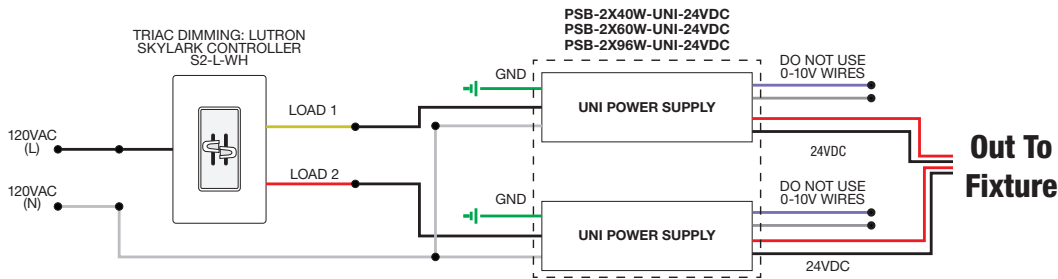
**8.5 x 14 inch In-Wall Mounting Kit:** Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

**Ordering Codes:** PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW  
PSB-2X96W-UNI-24VDC-IW, PSB-3X96W-UNI-24VDC-IW  
PSB-4X96W-UNI-24VDC-IW

**WIRING DIAGRAMS UNIVERSAL POWER SUPPLY**

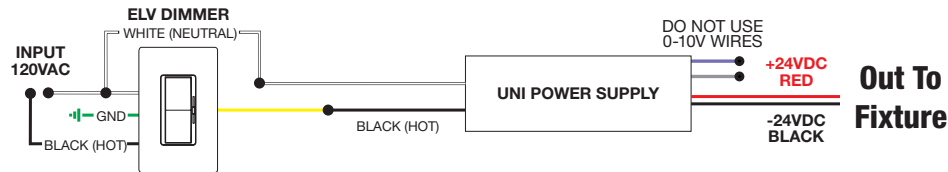
**Application:** Triac dimming for two power supplies, use for Static White, Dynamic/Tunable White 2000K-4000K

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



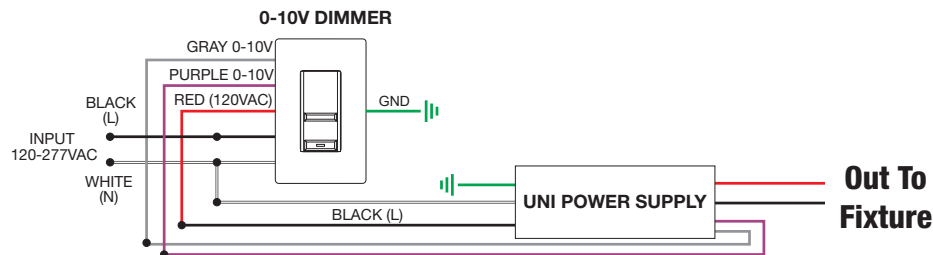
**Application:** ELV dimming for Static White and Warm Dim

**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



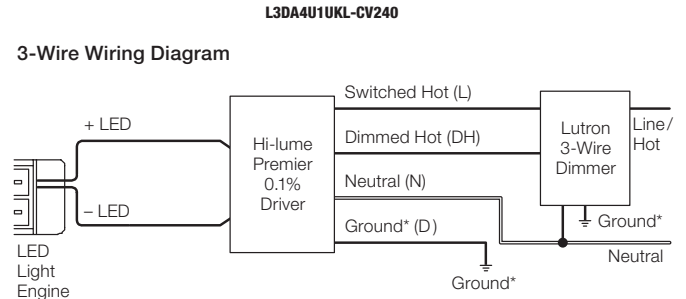
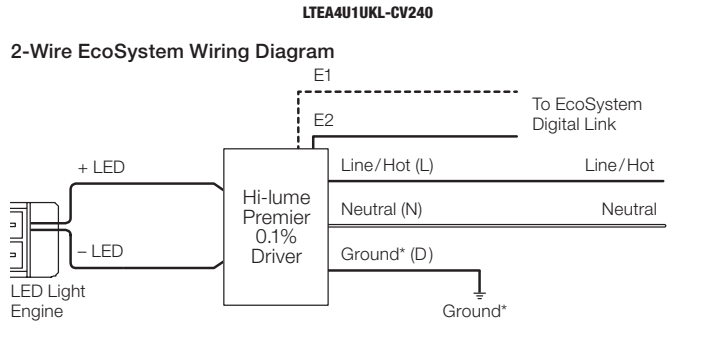
PROJECT		FIXTURE TYPE		DATE	
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# INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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>			
MAXIMUM LOAD	96W	5W-40W	5W-40W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	10.5" X 5.5" X 2"	4" X 4.89" X 2.62"	4" X 4.89" X 2.62"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
<b>DIMMING AND CONTROLS</b>			
RADIO RA2	•	•	•
HOMEWORKS QS	•	•	•
PHPM-3F-120	•	•	•
PHPM-3F-DV	•	•	•
BCI-0-10	•	•	•

†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.

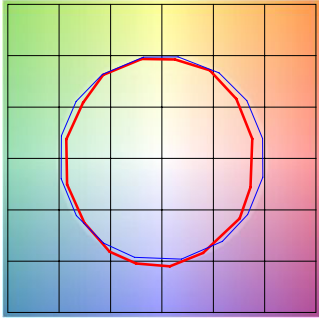


PROJECT		FIXTURE TYPE		DATE	
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**TM-30-15 DATA:** The data below is for SS5C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is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

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

COLOR VECTOR GRAPHIC

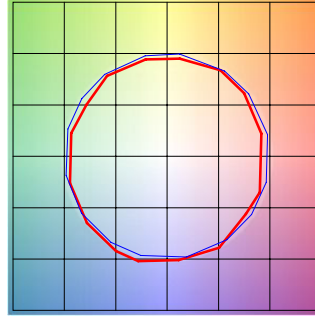


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%
15	85.1	-4.4%	-7.5%
16	75.0	-9.9%	-12.0%

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

COLOR VECTOR GRAPHIC

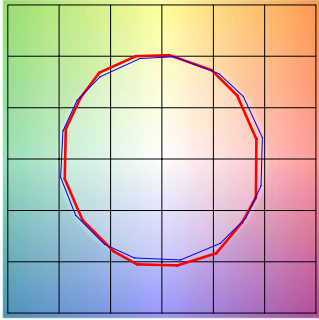


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

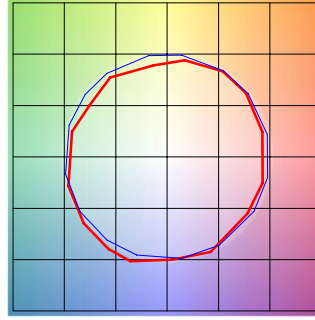


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

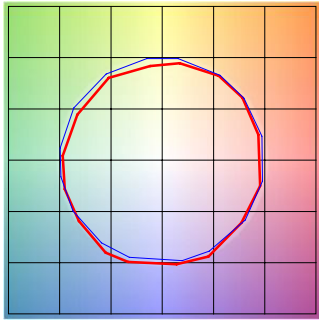


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

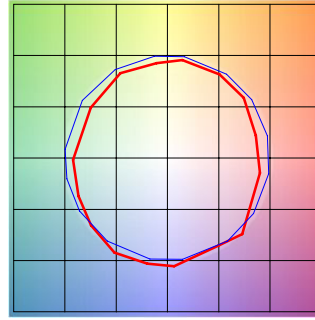


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

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

COLOR VECTOR GRAPHIC



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	73.8	-11.2%	2.6%
2	83.7	-5.5%	5.8%
3	84.2	-4.0%	5.5%
4	85.8	-3.5%	1.3%
5	85.3	-7.1%	0.6%
6	89.2	-5.8%	-2.2%
7	81.5	-10.7%	1.2%
8	75.7	-9.7%	8.5%
9	74.9	-7.8%	18.8%
10	67.8	-1.6%	18.0%
11	76.1	5.5%	12.0%
12	90.8	4.9%	-1.6%
13	83.6	5.0%	-9.5%
14	81.7	-1.2%	-10.0%
15	69.0	2.0%	-22.8%
16	83.2	-8.5%	-1.0%

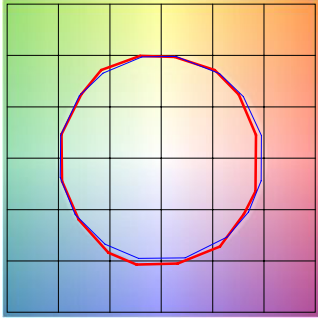
PROJECT		FIXTURE TYPE		DATE	
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**TM-30-15 DATA:** The data below is for SS5C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is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

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

COLOR VECTOR GRAPHIC

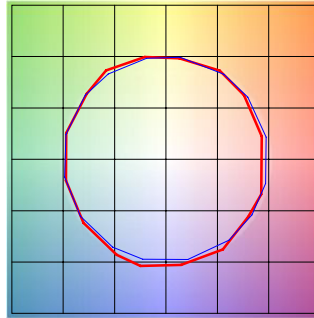


■ Test ■ Reference

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%

PROJECT	FIXTURE TYPE	DATE
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