STOMP STRIP, TUNABLE WHITE
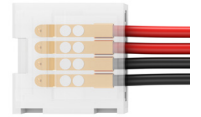## 24VDC WITH PINS, SOLDERED LEADS OR SNAP & LIGHT CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

CAN'T STOMP ME OUT

Our Low Voltage Tunable White Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ CRI. Tunable White 2000K-6500K **(2K6K)** or 2700K-6500K **(27K6)** grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). Tunable white lighting visually, biologically and emotionally contributes to human interaction with the physical world. Human centric lighting (HCL) builds on this technology bringing the dynamics of natural daylight indoors, and delivering a positive effect on human health, well-being and performance. Stomp Strip is used for our **BIY** (Build-it-Yourself) & **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with Snap & Light, Pin Connectors, or Pre-soldered leads reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

LAMP

- Tunable White: 2000K-6500K **(2K6K)** and 2700K-6500K **(27K6)** grants independent control for adjusting color temperature and intensity
- Average life: 50,000 hours

SPECIFICATIONS

- 24VDC
- 2.5, 4.6, 7.5 or 9.6 watts per foot
- Sold in 1' increments
- Field-cuttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Controls
- **0-10V**: Requires two dimmers, one for intensity and one for color temperature
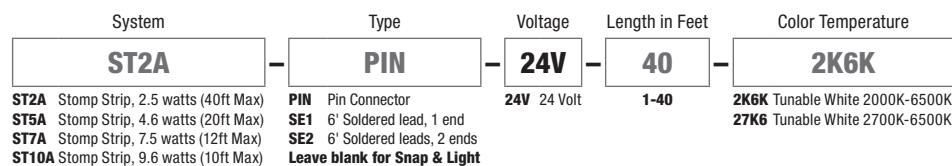- **DMX** Dynamic Color Changing
- Controllers

*In-Wall Mounting and drop ceiling Kits available for select power supplies

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.6 watts per foot - 20'
- 7WDC, 7.5 watts per foot - 12'
- 10WDC, 9.6 watts per foot - 10'

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, RoHS.

System	Type	Voltage	Length in Feet	Color Temperature
ST2A	**PIN**	**24V**	**40**	**2K6K**

System	Type	Voltage	Length in Feet	Color Temperature
ST2A Stomp Strip, 2.5 watts (40ft Max)	PIN Pin Connector	24V 24 Volt	1-40	2K6K Tunable White 2000K-6500K
ST5A Stomp Strip, 4.6 watts (20ft Max)	SE1 6' Soldered lead, 1 end			27K6 Tunable White 2700K-6500K
ST7A Stomp Strip, 7.5 watts (12ft Max)	SE2 6' Soldered leads, 2 ends			
ST10A Stomp Strip, 9.6 watts (10ft Max)	Leave blank for Snap & Light			

PROJECT		FIXTURE TYPE		DATE	

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STOMP STRIP, TUNABLE WHITE
24VDC WITH PINS, SOLDERED LEADS OR SNAP & LIGHT CONNECTORS

PURE EDGE PureSmart Lighting | **WiZ PRO**

REV 09.19.22

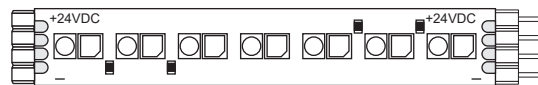| NOMINAL LAMP DATA	ST2A 2K6K									ST5A 2K6K								
WATTS PER FOOT	2.5 Watts									4.6 Watts								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	152	154	156	158	160	165	180	194	208	368	383	398	413	428	458	491	496	500
LUMENS PER WATT (lm/w)	82	77	78	79	80	82	90	97	115	80	80	83	86	89	95	102	103	109
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+

NOMINAL LAMP DATA	ST7A 2K6K									ST10A 2K6K								
WATTS PER FOOT	7.5 Watts									9.6 Watts								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	512	536	560	584	608	656	691	698	705	984	1056	1056	1114	1075	1056	792	792	984
LUMENS PER WATT (lm/w)	80	74	78	81	84	91	96	97	110	123	110	110	116	112	110	110	110	123
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	92+	94+	94+	94+	92+	91+	91+

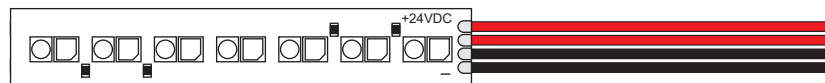| NOMINAL LAMP DATA	ST2A 27K6							ST5A 27K6						
WATTS PER FOOT	2.5 Watts							4.6 Watts						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	164	195	201	206	225	242	231	411	420	436	452	447	443	442
LUMENS PER WATT (lm/w)	82	78	80	82	90	97	115	103	91	95	98	97	96	110
CRI	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+

NOMINAL LAMP DATA	ST7A 27K6							ST10A 27K6						
WATTS PER FOOT	7.5 Watts							9.6 Watts						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	555	567	589	610	603	598	596	981	1009	1039	1069	1028	1017	984
LUMENS PER WATT (lm/w)	87	79	82	85	84	83	93	123	110	113	116	112	111	123
CRI	94+	93+	92+	92+	92+	92+	91+	94+	93+	93+	93+	93+	91+	91+

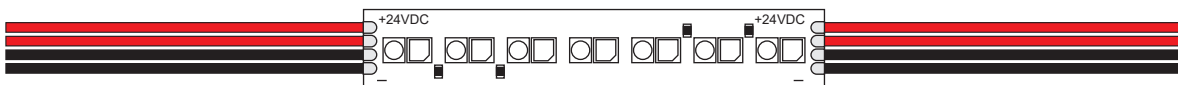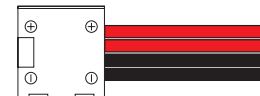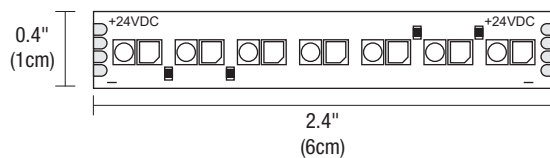Premium Silicone Coating

LED Strip
2oz Copper
Insulator
2oz Copper
3M Adhesive Tape

Diodes are not visible when used within a Diffused Lens

Pin Connector

+24VDC   +24VDC
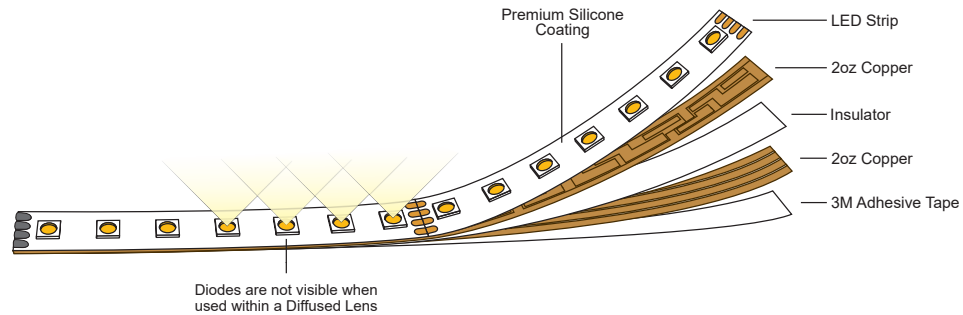
6' Soldered lead, 1 end **(SE1)**

+24VDC

6' Soldered lead, 2 ends **(SE2)**

+24VDC   +24VDC

Snap & Light

0.4" (1cm)

+24VDC   +24VDC

2.4" (6cm)

PROJECT		FIXTURE TYPE		DATE	

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STOMP STRIP & SOFT STRIP ACCESSORIES
SNAP & LIGHT SOLDERLESS CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

PURE EDGE LIGHTING

REV 09.09.22

Using the Snap & Light Solderless Connectors: Cutting and reconnecting our LED Strip is easy. All you need is a pair of scissors or any sharp device that will allow you to make a clean cut.
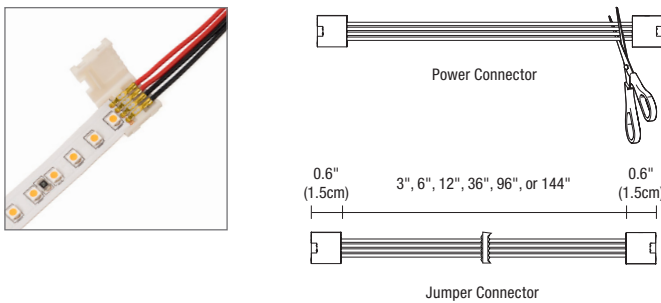
1. Cut the middle of joining contacts

2. Remove the protective coating from the contacts

3. Place the LED Strip end under the plastic guide and push it under the snap contacts
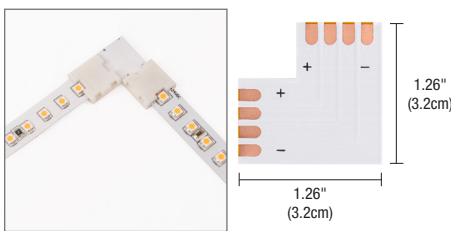
4. Close the cover

5. Snap the cover to secure in place

Power Connector

0.6"
(1.5cm)   3", 6", 12", 36", 96", or 144"   0.6"
(1.5cm)

Jumper Connector

24VDC SOLDERLESS SNAP & LIGHT POWER/JUMPER CONNECTOR
Join 2 cut sections of LED Strip end to end. Use as a power connector is required. Use as a jumper connector is optional. To use as a power connector cut and strip the wires.
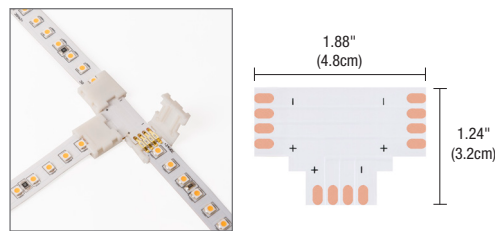
Product		Type		Size
SS	-	**SLC**	-	**12IN**

SS Stomp Strip/Soft Strip | **SLC** Snap & Light Jumper or Power Connectors

3IN 3 inches	**36IN** 36 inches
6IN 6 inches	**96IN** 96 inches
12IN 12 inches	**144IN** 144 inches

1.26"
(3.2cm)

1.26"
(3.2cm)

SOLDERLESS SNAP & LIGHT L-CONNECTOR
Join and conduct power to 2 sections of LED Strip in an L-shape.

Product		Type
SS	-	**SLL**

SS Stomp Strip/Soft Strip | **SLL** Snap & Light L-Connector

1.88"
(4.8cm)

1.24"
(3.2cm)

SOLDERLESS SNAP & LIGHT T-CONNECTOR
Join and conduct power to 3 sections of LED Strip in a T-shape.

Product		Type
SS	-	**SLT**

SS Stomp Strip/Soft Strip | **SLT** Snap & Light T-Connector

1.85"
(4.8cm)

1.85"
(4.8cm)
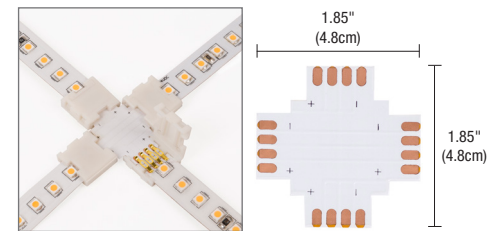
SOLDERLESS SNAP & LIGHT X-CONNECTOR
Join and conduct power to 4 sections of LED Strip in an X-shape.

Product		Type
SS	-	**SLX**

SS Stomp Strip/Soft Strip | **SLX** Snap & Light X-Connector

PROJECT		FIXTURE TYPE		DATE	

STOMP STRIP & SOFT STRIP ACCESSORIES
PIN & SOLDERING CONNECTORS

PURE EDGE
LIGHTING

DESIGNED BY GREGORY KAY

ACCESSORIES

Static White (Warm Dim & Monochromatic Color Compatible)

.47"
(1.19cm)

RGB (Tunable White Compatible)

.47"
(1.19cm)

POWER FEED/FLEXIBLE CONNECTOR

Flexible connectors link two sections of LED Strip end to end. To use as a Power Feed cut off the male end, and connect to the power supply.
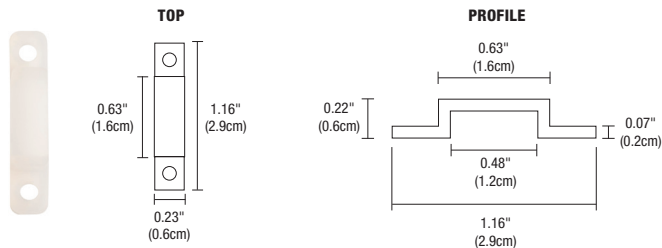
Product		Type		Size		Color Temperature
SS	-	**CFX**	-	**3IN**	-	

SS Stomp Strip/Soft Strip		**CFX** Flexible Connector		**3IN** 3 inches	**RGB** (Tunable White Compatible)
				6IN 6 inches	**Leave Blank for Static White, Warm Dim, and Monochromatic Color**
				12IN 12 inches	
				36IN 36 inches	
				96IN 96 inches	
				144IN 144 inches	

PIN CONNECTORS

Extra soldering pin connectors. Male and female.

0.4"
(1cm)

0.4"
1cm

0.12"
(0.3cm)

Male Connector

0.29"
(0.7cm)

0.4"
(1cm)

0.12"
(0.3cm)
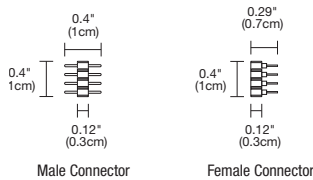
Female Connector

System	Product	Type
SS	**ML**	**CON**

SS Stomp Strip/Soft Strip	**FE** Female Connector	**CON** Connector
	ML Male Connector	

U-STRAP

Use every 6-12 inches for extra support (30/package).

TOP

0.63"
(1.6cm)

1.16"
(2.9cm)

0.23"
(0.6cm)

PROFILE

0.63"
(1.6cm)

0.22"
(0.6cm)

0.07"
(0.2cm)

0.48"
(1.2cm)

1.16"
(2.9cm)

Product	Type
SS	**SU**

SS Strip Strap	**SU** U-Strap

TIE STRAP

Use every 6-12 inches for extra support (30/package).

0.73"
(1.9cm)

0.48"
(1.2cm)

0.08"
(0.2cm)

4.07"
(10.3cm)

0.18"
(0.5cm)

0.21"
(0.5cm)
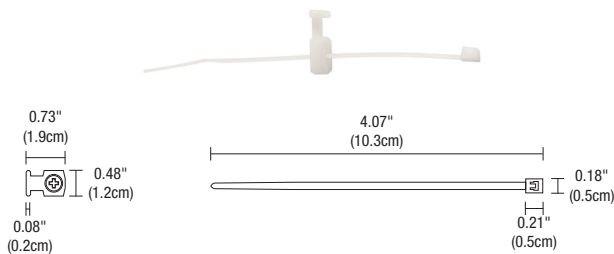
Product	Type
SS	**ST**

SS Strip Strap	**ST** Tie Strap

PROJECT		FIXTURE TYPE		DATE	

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INDOOR DIMMING SAMPLE WIRING DIAGRAMS
EXAMPLES BELOW ARE USING CLASS 2, 24VDC POWER SUPPLIES

PURE EDGE | PureSmart Lighting | WiZ PRO

DUAL 0-10V DIMMING SAMPLE WIRING DIAGRAM: The example below is using a Class 2, 24VDC Power Supply.

0-10V CONTROLLER
Control Input 1
(Dimming **Intensity**)

0-10V CONTROLLER
Control Input 2
(Dimming **Color Temp**)

POWER SUPPLY

24VDC-
24VDC+

L
N
GND

INPUT:
120-277V AC

TUNABLE WHITE STRIP

WARM+ YELLOW | VIN1+ RED | VIN1- BLACK | WARM- BLUE | COOL- BLUE | VIN2- BLACK | VIN2+ RED | COOL+ YELLOW

GRAY -
PURPLE +
GRAY -
PURPLE +

Tunable White LED PWM dimming module
Dimming range: 0-100%
0/1-10V control 1, 0/1V=0% light output
10V=100% light output
0/1-10V control2, 0/1V=100% warm
10V=100% cool
PWM Output to LED Modules (8-48V PWM, 1K Hz)

DMX SAMPLE WIRING DIAGRAM: The example below is using a Class 2, 24VDC Power Supply.

CDMX1-2XK

CONTROLLER POWER ADAPTER (INCLUDED)

FITS IN A 2.5" DEEP SINGLE GANG BOX

DMX CABLE
(BELDEN #9841)

N
120V
N

PSB-100W-24VDC-2XK

POWER SUPPLY

-24VDC
+24VDC

GND

DRIVER

TUNABLE WHITE STRIP

DMX DATA TO
NEXT POWER/DATA
SUPPLY

1.14"
(2.9cm)
3"
(7.6cm)
1.57"
(4cm)

CONTROLLER
POWER ADAPTER

PROJECT		FIXTURE TYPE		DATE	

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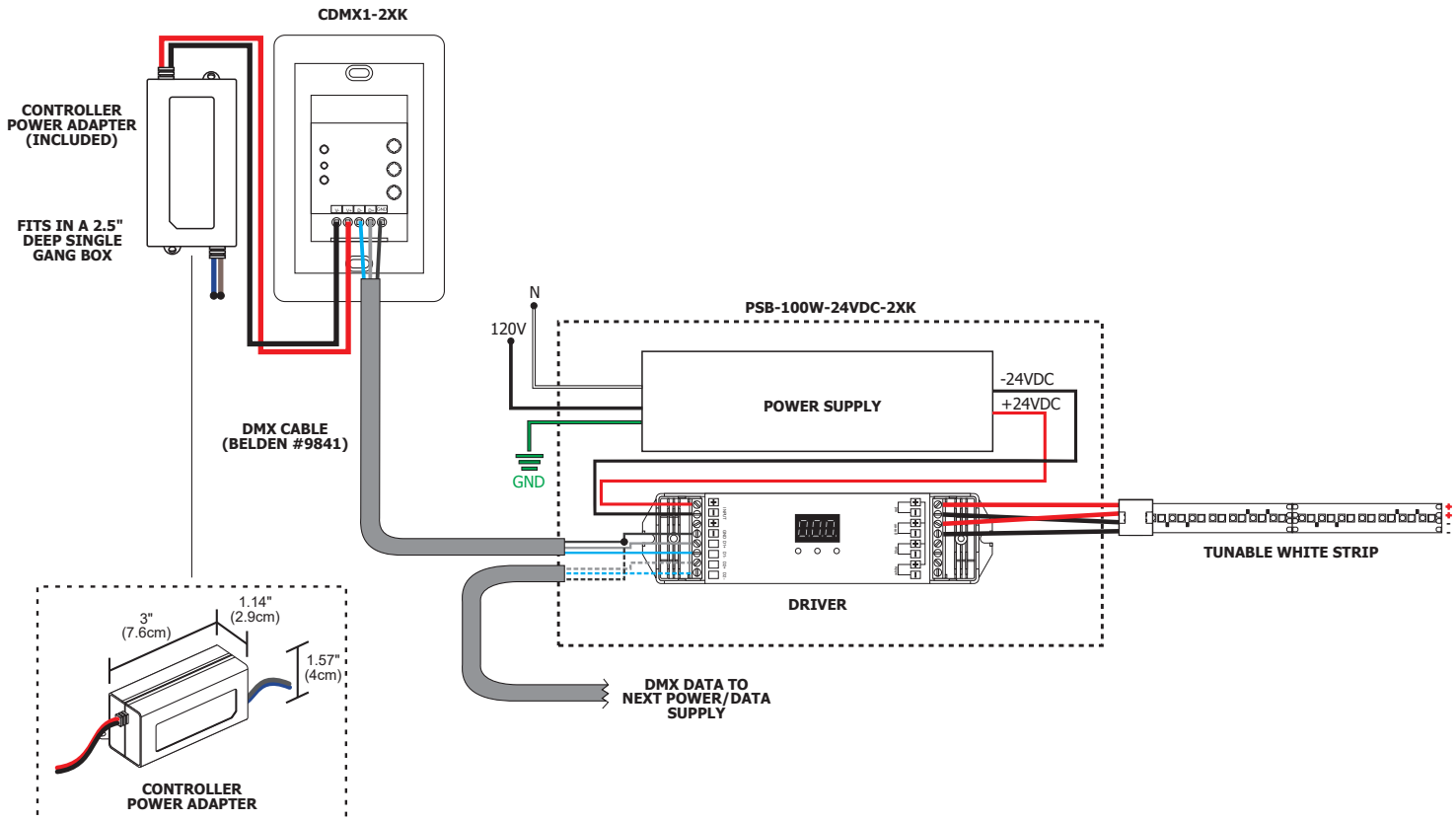
5

INDOOR DIMMING SAMPLE WIRING DIAGRAMS
EXAMPLES BELOW ARE USING CLASS 2, 24VDC POWER SUPPLIES

DUAL 0-10V DIMMING SAMPLE WIRING DIAGRAM: The example below is using a Class 2, 24VDC Power Supply.
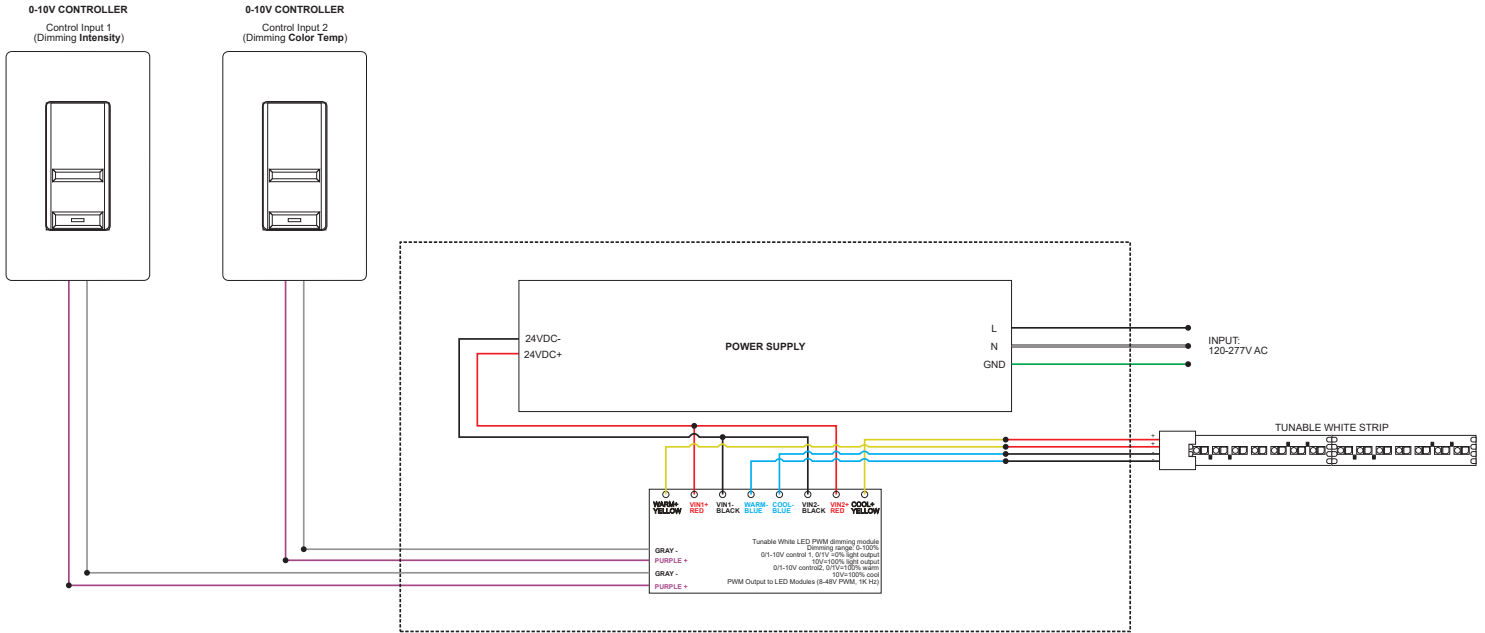
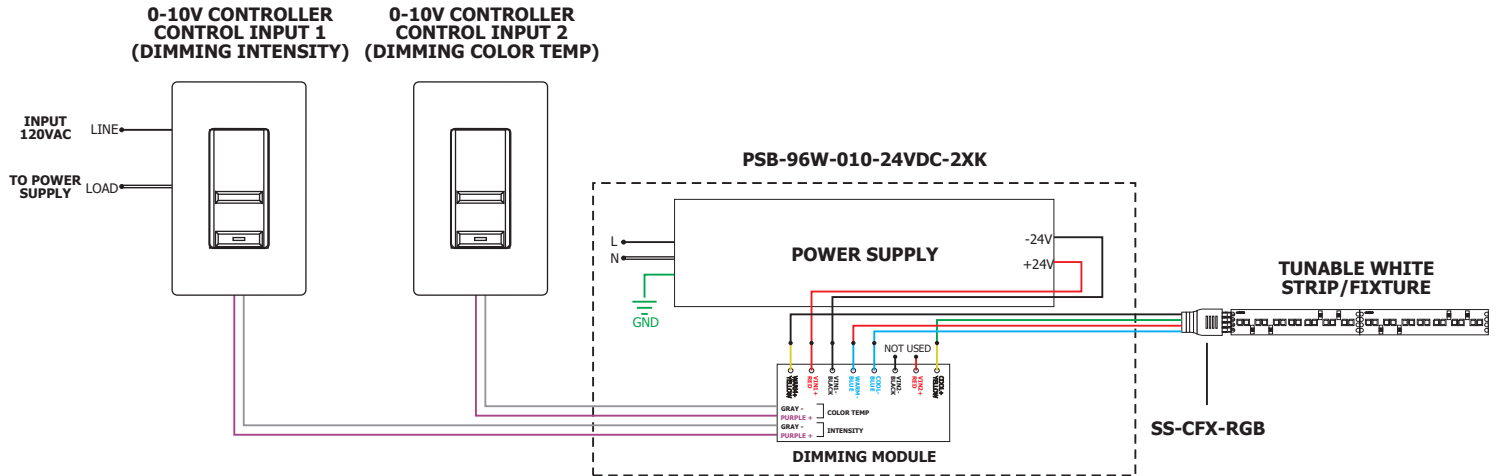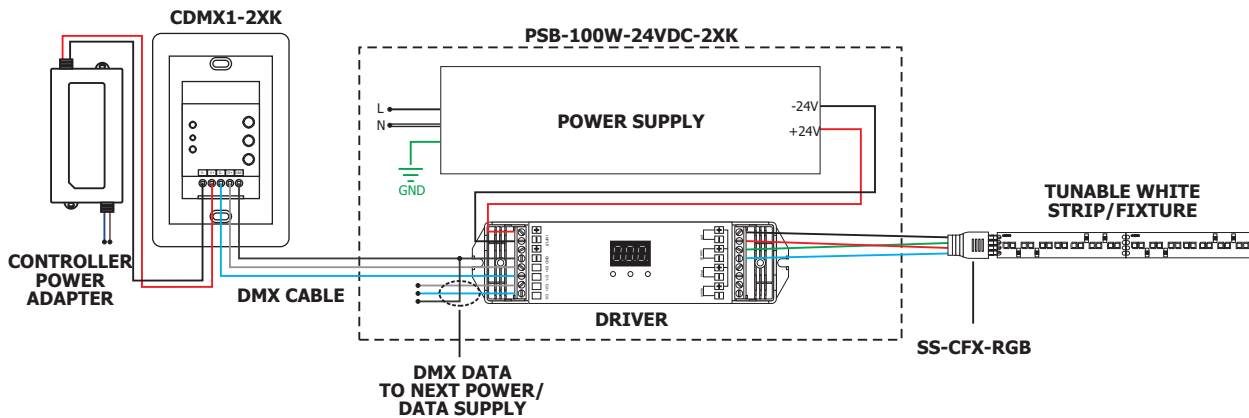**DMX SAMPLE WIRING DIAGRAM:** The example below is using a Class 2, 24VDC Power Supply.

PROJECT		FIXTURE TYPE		DATE	

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TM30 DATA
24VDC WITH PINS, SOLDERED LEADS OR SNAP & LIGHT CONNECTORS

TM-30-15 DATA: The data below is for Stomp Strip bare LED 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.

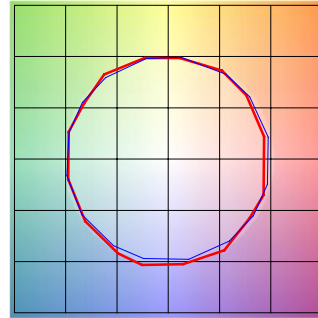### 2000K ONLY (2K6K) | Rf: 84.3 | Rg: 96.9
Color Vector Graphic
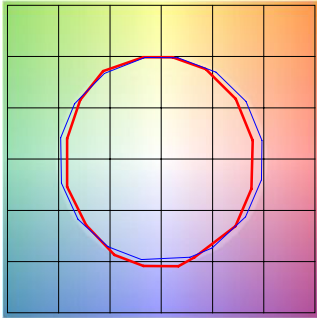
Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.9%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

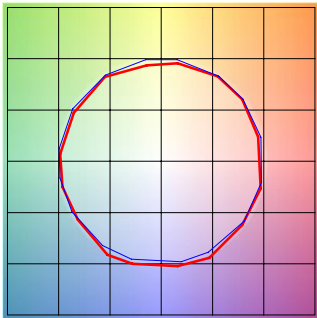### 3000K (2K6K) | Rf: 90.2 | Rg: 101.4
Color Vector Graphic

Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.9	-3.8%	1.3%
2	91.7	-1.9%	3.3%
3	88.7	0.7%	5.1%
4	92.4	-1.0%	0.7%
5	92.9	0.9%	1.7%
6	93.1	3.3%	-0.6%
7	91.0	-1.8%	-0.4%
8	97.0	0.2%	-1.1%
9	92.8	-0.5%	3.6%
10	88.3	1.0%	7.0%
11	87.1	3.8%	7.8%
12	87.6	6.5%	-0.3%
13	89.3	3.6%	-6.3%
14	86.1	4.5%	-9.1%
15	91.6	-1.9%	-3.1%
16	83.8	-1.5%	-11.2%

4000K ONLY (2K6K) | Rf: 89.6 | Rg: 99.1
Color Vector Graphic

Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.3	-2.5%	1.0%
2	95.3	-0.5%	0.5%
3	94.3	-0.7%	1.1%
4	91.1	-3.4%	-1.1%
5	89.5	-5.6%	0.0%
6	94.6	-1.4%	1.3%
7	93.2	-3.0%	2.6%
8	91.3	-1.8%	4.6%
9	86.5	-0.9%	9.1%
10	83.3	-0.5%	9.5%
11	83.3	4.9%	9.0%
12	89.7	4.1%	1.7%
13	90.1	3.6%	-4.3%
14	93.4	5.2%	-2.1%
15	87.4	0.4%	-4.3%
16	86.6	0.4%	-6.1%

PROJECT		FIXTURE TYPE		DATE	

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