

**LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP**  
 24VDC STATIC WHITE & COLOR, TUNABLE WHITE, WARM DIM & RGB

MADE IN AMERICA

REV 09.07.21



**DESCRIPTION**

Our DIY .3" surface mount Light Channel is now offered with your choice of Lazer or Stomp Strip.

**LAZER STRIP**

Remote phosphor technology

- 148 LEDs per foot provide uniform light distribution without pixelation and low glare
- 120° beam angle
- 3.3 or 4.4 watts per foot
- Offered in Static White, Tunable White, Static Color and RGB options

**STOMP STRIP**

Designed to withstand the harsh elements of a job site, including stomping and twisting.

- 2.5, 4.4 & 7.5 watts per foot
- Static White, Warm Dim & Tunable White

**FEATURES & BENEFITS**

- Cut and assemble in field
- Snap & Light Solderless Connections reduce labor during installation
- 24VDC LED Strip offers excellent color-rendering
- 5 oz of copper provides better heat dissipation, less voltage drop
- Surface mount channel sold in 2', 4', 5', 8' and 10' increments

**APPLICATIONS**

- DIY systems engineered for the weekend warrior or the master electrician
- Provides maximum light levels for task and general illumination
- Indoor only.

**LENS OPTIONS**

- **(C)** Clear Lens provides maximum illumination use of a 40° transparent clear lens, LEDs diodes will show
- **(D)** Diffused White Lens projects clean lines of light 100° eliminating pixelation
- **(G)** Diffused Lens with gel color **(PROVIDED BY CUSTOMER)** Clear and Diffuser Lens are Gel Color Filter Suitable allowing for color personalization. Zircon LED Gel filters recommended. Purchase Gel Lens from [www.leefilters.com](http://www.leefilters.com). See manufacturer spec sheet for more information.

**REQUIRED COMPONENTS (SOLD SEPARATELY)**

- Light Channel 0.3" Surface Mount and Lens (Mounting Clips included)
- End Caps (sold in pairs)
- 24VDC Light Channel Solderless Snap & Light Power/Jumper Connector
- 24VDC LED Soft Strip or Lazer Strip

**REMOTE POWER SUPPLIES\*, DIMMERS & CONTROLS (SOLD SEPARATELY)**

- Electronic Low Voltage Dimming **(ELV)†**
- Uni Driver: Universal dimming **(ELV, 0-10V, TRIAC)**
- 0-10 Volt **(0-10)** Dimming
- Color Changing **(DMX)**
- Lutron Hi-Lume®

\*In-Wall Mounting Kits available for select Power Supplies

†ELV power supplies are not compatible with nLight, use only 0-10 volt. Universal driver or Lutron Hi-Lume® power supplies

PROJECT	FIXTURE TYPE	DATE
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# LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP

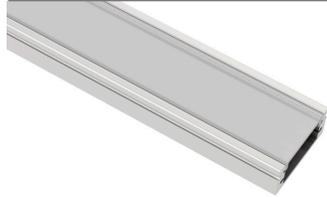
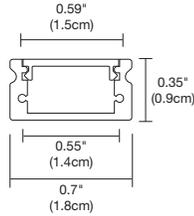
24VDC STATIC WHITE & COLOR, TUNABLE WHITE, WARM DIM & RGB

REV 09.07.21

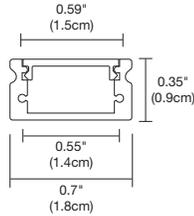
**REQUIRED COMPONENTS:** Select Light Channel .3 Surface Mount option, End Caps and Power Connector based on lighting design.



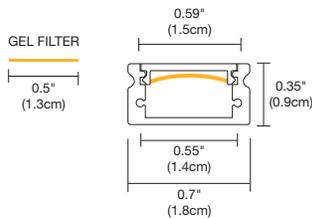
**C** LCS.3 Light Channel Clear Lens



**D** LCS.3 Light Channel Diffused Lens



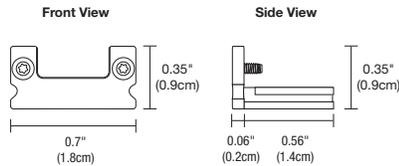
**G** LCS.3 Light Channel Diffused Lens with Gel Color Filter (provided by customer)



## LIGHT CHANNEL .3 SURFACE MOUNT

Start the ordering process by selecting the desired length and lens option. Then order the LED Strip, End Caps, Power Feed Joiner, and Jumper. At 0.35 inches tall the channel is low profile, made of paintable aluminum, and fits a 24VDC LED Strip inside. The channel and lens may be cut in the field, and may be joined together using the Light Channel Snap & Light Solderless Jumper/Power Connector. Mounting Clips are included with every 2' of channel, and may be ordered separately as replacement parts. The Clear Lens provides maximum light levels and will show LED dots. The Diffuser Lens will reduce LED dots but will not eliminate them. To eliminate the LED does use Light Channel .6 Surface Mount with a Diffuser Lens. Both the Clear and Diffused Lens are Gel Color Filter Suitable allowing for color personalization. Zircon LED Gel filters are recommended and can be purchased from the dealer [www.leefilters.com](http://www.leefilters.com). Gel filter life is 5,000 hours before needing to be changed.

System	Length in Feet	Lens	Finish
<b>LCS.3</b>	<b>10FT</b>	<b>D</b>	<b>SA</b>
LCS.3 Light Channel 0.3" Surface Mount	<b>2FT</b> 2 Feet <b>4FT</b> 4 Feet <b>5FT</b> 5 Feet <small>*Ships LTL</small>	<b>D</b> Diffused White Lens <b>C</b> Clear Lens <b>F</b> Clear Lens Full Frost <b>HF</b> Clear Lens Half Frost	<b>SA</b> Satin Aluminum



## END CAPS

End Caps are sold in pairs and provide a finished look at the end of a run as well as hold the required power connector.

System	Product	Type	Finish
<b>LCS.3</b>	<b>SLC</b>	<b>CA</b>	<b>SA</b>
LCS.3 Light Channel 0.3" Surface Mount	<b>SLC</b> Snap and Light Connector	<b>CA</b> End Caps	<b>SA</b> Satin Aluminum

PROJECT		FIXTURE TYPE		DATE	
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# LAZER STRIP COB™ SNAP AND LIGHT

## 24VDC STATIC WHITE, TUNABLE WHITE, STATIC COLOR & RGB

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 09.07.21



### FEATURES & BENEFITS

- 148 LEDs per foot provide uniform light distribution without dots and low glare
- Snap & Light Solderless Connectors reduce labor during installation
- Gold Plated Contacts prevent oxidation to ensure longevity of LEDs
- 3 oz of copper with 12 mm wide board provides better heat dissipation and less voltage drop
- 24VDC LED Lazer Strip is offered in Static White, Tunable White, Static Color and RGB options
- Solid State Power Supply offers 85-90% efficiency compared to magnetic at 80%.
- 50-watt power supply fits into J-Box (PS-60L-ELV-24VDC)

### SPECIFICATIONS

- 24VDC LED Lazer Strip with 120° beam angle
- Available in 3.3 or 4.4 watts
- May be field-cut in 2.4" increments
- Sold in 1' long increments
- Class 2 Damp Listing; 100 watt limit per power supply

### APPLICATIONS

- Indoor, damp, or dry locations
- Place on ceiling or wall
- Coves, toe-kicks, under cabinets and shelves, bookcases, drawers, pathways, accent lighting, task lighting, and general illumination

### LAMP DATA

- Average life is 50,000 hours
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- Includes a 5-year pro-rated warranty

### INCLUDED COMPONENTS

- LS3 or LS5 24VDC LED Lazer Strip
- 3M™ Adhesive Tape Backing

### ACCESSORIES (SOLD SEPARATELY)

- 24VDC Solderless Snap & Light Jumper Connector
- Flexible Connectors
- Mounting Straps & Clips

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

- UNI Driver: Universal Dimming (**TRIAC, ELV, 0-10V**) with corresponding dimmer
- 0-10 Volt Dimming (**0-10V**)
- DMX - Color Changing
- Lutron Hi-Lume®

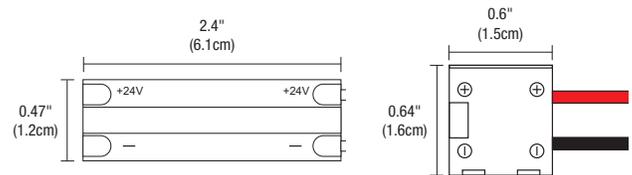
\*In-Wall Mounting Kits available for select power supplies

\*\*Tunable White Requires two dimmers (one for each color temperature) or use our proprietary Tunable White Controller CDMX-1

†With nLight Dimming Do Not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies

### MOUNTING

- Industrial 3M tape lines back of strip for self-adhesion to most smooth finished surfaces
- Additional Snap & Light Solderless Connectors, Mounting Straps, and Clips may be needed for some applications (sold separately)



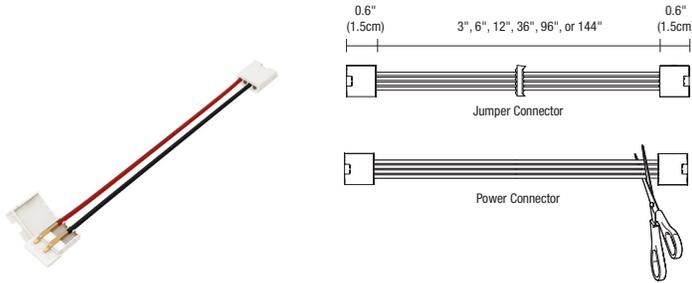
System	Voltage	Length In Feet	Color Temperature
<b>LS3</b>	<b>24V</b> 24 Volt	<b>30</b>	<b>27KZ</b>
LS3 Lazer Strip Commercial, 3.3 watts per foot LS5 Lazer Strip Commercial, 4.4 watts per foot		1-30 1-30 feet (LS3) 1-20 1-20 feet (LS5)	<b>24KZ</b> 2400K Very Warm White <b>35KZ</b> 3500K Neutral White <b>RZ</b> Red <b>2K6K</b> Tunable White 2000K-6500K (5W Only) <b>27KZ</b> 2700K Incandescent White <b>40KZ</b> 4000K Cool White <b>BZ</b> Blue <b>RGB</b> Red, Green and Blue (5W Only) <b>30KZ</b> 3000K Warm White (Halogen) <b>AZ</b> Amber <b>GZ</b> Green

PROJECT	FIXTURE TYPE	DATE
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**ACCESSORIES:** Sold Separately

### 24VDC LIGHT CHANNEL LAZER STRIP SOLDERLESS SNAP & LIGHT JUMPER/POWER CONNECTOR

Power connector is included, may be ordered as a jumper connector. Join sections of Light Channel using Solderless Snap & Light L, T or X Connectors below. To use as a power connector cut and strip the wires.



System	Product	Length
<b>LCLS</b>	<b>SLC</b>	<b>3IN</b>
LCLS Light Channel for Lazer Strip	SLC Solderless Snap & Light Jumper/Power Connector	3IN 3" 6IN 6" 12IN 12" 36IN 36" 96IN 96" 144IN 144"

### LIGHT CHANNEL LAZER STRIP SOLDERLESS SNAP & LIGHT L-CONNECTOR

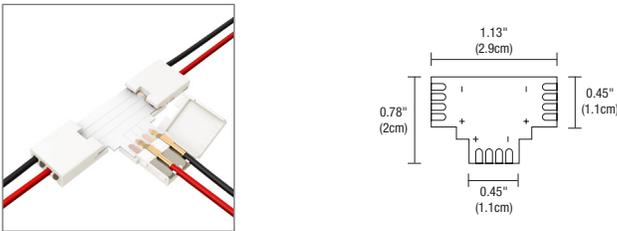
Conducts power to 2 sections of Lazer Strip within the Light Channel. Requires Light Channel Solderless Snap & Light Power/Jumper Connector (sold separately) for use.



System	Product
<b>LC</b>	<b>SLL</b>
LC Light Channel for Lazer Strip	SLL Snap & Light L-Connector

### LIGHT CHANNEL LAZER STRIP SOLDERLESS SNAP & LIGHT T-CONNECTOR

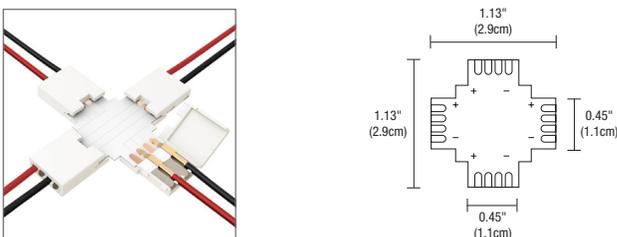
Conducts power to 3 sections of Lazer Strip within the Light Channel. Requires Light Channel Solderless Snap & Light Power/Jumper Connector (sold separately) for use.



System	Product
<b>LC</b>	<b>SLT</b>
LC Light Channel for Lazer Strip	SLT Snap & Light T-Connector

### LIGHT CHANNEL LAZER STRIP SOLDERLESS SNAP & LIGHT X-CONNECTOR

Conducts power to 4 sections of Lazer Strip within the Light Channel. Requires Light Channel Solderless Snap & Light Power/Jumper Connector (sold separately) for use.



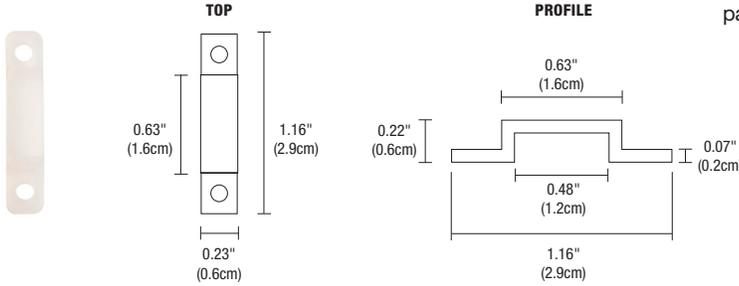
System	Product
<b>LC</b>	<b>SLX</b>
LC Light Channel for Lazer Strip	SLX Snap & Light X-Connector

PROJECT	FIXTURE TYPE	DATE
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**Indoor & Outdoor 24VDC Lazer Strip:** Mounting Straps and Clips (sold separately)

**LAZER STRIP U-STRAP**

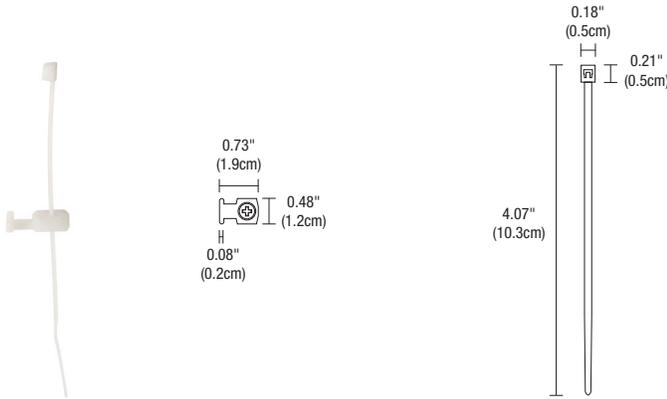
Use every 6 - 12 inches for extra support (30/package). Compatible with both Indoor and Outdoor Lazer Strips. The U-Strap is included with Outdoor Lazer Strips, and is ordered separately as a replacement part or for Indoor Lazer Strips.



Product	Type
<b>SS</b>	<b>SU</b>
SS Lazer Strip	SU U-Strap

**LAZER STRIP TIE STRAP**

Use every 6 - 12 inches for extra support (30/package). Compatible with both Indoor and Outdoor Lazer Strips. The Tie Strap is included with Outdoor Lazer Strips, and is ordered separately as a replacement part or for Indoor Lazer Strips.



Product	Type
<b>SS</b>	<b>ST</b>
SS Lazer Strip	ST Tie Strap

**Power Consumption per Linear Foot:** Maximum length before refeeding

WATTS PER FOOT	LS3					LS5				
	3W (3.3 watts)					5W (4.4 watts)				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	240	258	271	274	282	264	338	369	423	459
LUMENS PER WATT (lm/w)	73	78	82	83	86	60	77	84	96	104

WATTS PER FOOT	TUNABLE WHITE 2K6K									
	5w									
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	
LUMENS PER FOOT (lm/ft)	139	201	213	225	245	255	265	320	356	
LUMENS PER WATT (lm/w)	48	44	47	49	52	56	67	72	79	
CRI	93+	92+	94+	93+	85+	85+	85+	85+	85+	85+

LS3 24VDC LAZER STRIP (3.3 WATTS PER FOOT)																														
MAXIMUM LENGTH BEFORE REFEEDING: 30FT*																														
LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
TOTAL WATTAGE	3.3	6.6	10	13.2	16.5	19.8	23.1	26.4	29.7	33	36.3	39.6	42.9	46.2	49.5	52.8	56.1	59.4	62.7	66	69.3	72.6	75.9	79.2	82.5	85.8	89.1	92.4	95.7	99

\*20 feet maximum with damp locations

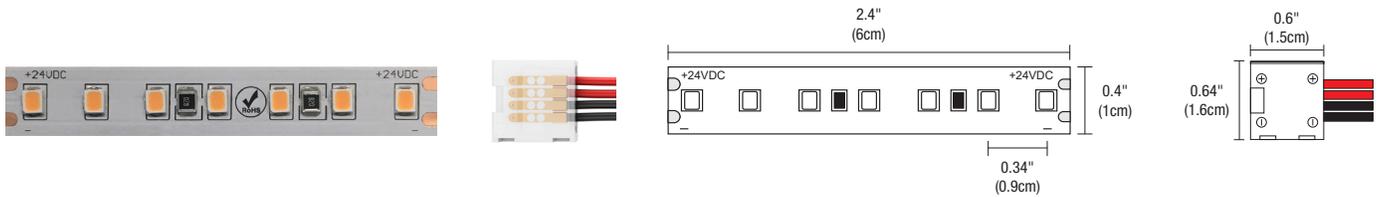
LS5 STATIC WHITE 24VDC LAZER STRIP (4.4 WATTS PER FOOT)																				
MAXIMUM LENGTH BEFORE REFEEDING: 20FT																				
LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TOTAL WATTAGE	4.4	8.8	13.2	17.6	22	26.4	30.8	35.2	39.6	44	48.4	52.8	57.2	61.6	66	70.4	74.8	79.2	83.6	88

PROJECT		FIXTURE TYPE		DATE	
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# STOMP STRIP SNAP AND LIGHT

(2.5W, 5W & 7W) 24VDC STATIC WHITE, WARM DIM & TUNABLE WHITE

REV.09.07.21



## CAN'T STOMP ME OUT

Our Low Voltage DIY (Design-It-Yourself) Stomp Strip is value engineered and highly durable, designed to withstand the harsh elements of a job site, including stomping and twisting. Stomp Strip is used for our DIY Light Channels.

## FEATURES & BENEFITS

- Snap & Light Solderless Connectors reduce time and labor during installation
- Value Engineered: Developed to meet popular demand for cost effective illumination 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
- 3oz 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
- Applications: Indoor, damp and dry locations
- Warranty: Includes a 5-year pro-rated warranty

## SPECIFICATIONS

- 24VDC, 120-277VAC Input
- 2.5 or 4.4 watts per foot; 4.8 watts warm dim
- Sold in 1' increments
- Field-cutttable increments: Static White 2.4", Warm Dim and Tunable White 3"
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

## APPLICATIONS

- Indoor, damp, or dry locations
- Coves, toe-kicks, under cabinets and shelves, bookcases, drawers, pathways, accent lighting, task lighting, and general illumination in recessed millwork

## LAMP

- 7 Static White Color Temperatures **22K-57K**
- Warm Dim: **27D** and **30D** dim down to 2000K, resembling incandescent light sources
- Tunable White: **2K6K** and **27K6** allow for independent control of color temperatures and brightness
- Average life: 50,000 hours

## MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.4 watts per foot - 20'

## REQUIRED COMPONENTS (SOLD SEPARATELY)

- Remote Power Supply
- Snap & Light Power Connector

## ACCESSORIES (SOLD SEPARATELY)

- 24VDC Solderless Snap & Light Jumper Connector
- Mounting Straps & Clips

## REMOTE POWER SUPPLIES\*, DIMMERS & CONTROLS (SOLD SEPARATELY)

- Electronic Low Voltage Dimming (ELV)<sup>†</sup>
- Uni Driver: Universal dimming (ELV, 0-10V, TRIAC)
- 0-10 Volt (0-10) Dimming
- Color Changing (DMX)
- Lutron Hi-Lume<sup>®</sup>

\*In-Wall Mounting Kits available for select Power Supplies

<sup>†</sup>With N-Lite Dimming Do Not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies

## APPROVALS

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

WATTS PER FOOT	ST2A							ST5A								
	2.5W							4.4W								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K
LUMENS PER FOOT (lm/ft)	225	248	274	299	343	373	397	416	459	506	553	553	563	634	690	733
LUMENS PER WATT (lm/w)	90	99	109	120	137	149	159	95	104	115	115	126	117	144	157	167
CRI	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	94+	92+	94+	92+	92+	92+

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

WATTS PER FOOT	ST5A 2K6K (2000K-6500K)							ST5A 27K6 (2700K-6500K)						
	4.4W							4.4W						
COLOR TEMPERATURE	20K	24K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	368	398	428	458	491	496	500	411	420	436	452	447	443	442
LUMENS PER WATT (lm/w)	80	83	89	95	102	103	109	103	91	95	98	97	96	110
CRI	91+	91+	91+	94+	94+	94+	91+	92+	92+	92+	95+	93+	93+	93+



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# STOMP STRIP SNAP AND LIGHT

(2.5W, 5W & 7W) 24VDC STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 09.07.21

## INDOOR 24VDC LED SOFT STRIP: Accessories (sold separately)



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

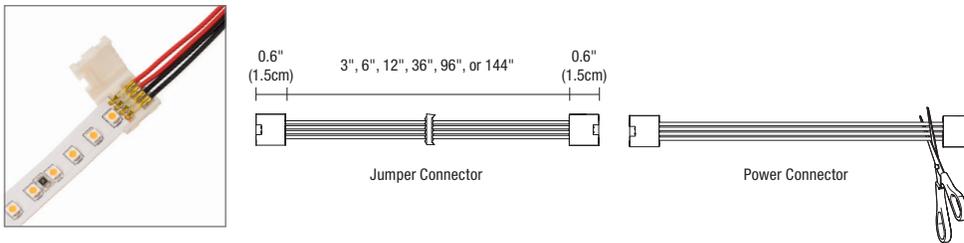
1. Cut the middle of joining contacts

2. Remove the protective coating from the contacts

3. Place the LED Stomp Strip end under the plastic guide and push it under the snap contacts

4. Close the cover

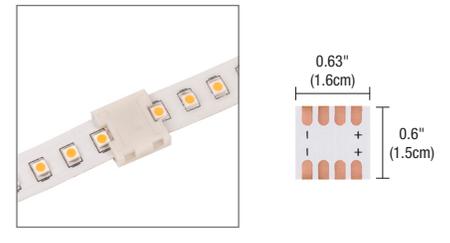
5. Snap the cover to secure in place



### 24VDC SOLDERLESS SNAP & LIGHT POWER/JUMPER CONNECTOR

Join 2 cut sections of LED Stomp 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.

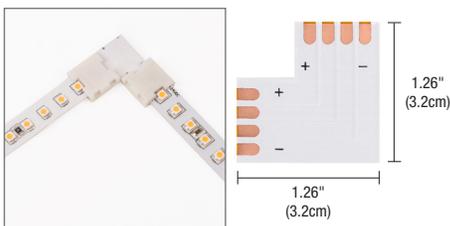
Product	Type	Size
<b>LC</b>	<b>SLC</b>	<b>12IN</b>
LC Light Channel	SLC Snap & Light Jumper or Power Connectors	<b>3IN</b> 3 inches <b>36IN</b> 36 inches <b>6IN</b> 6 inches <b>96IN</b> 96 inches <b>12IN</b> 12 inches <b>144IN</b> 144 inches



### SOLDERLESS SNAP & LIGHT STRAIGHT JOINER

Join 2 cut sections of LED Stomp Strip end to end.

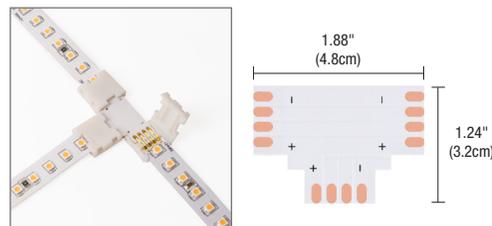
Product	Type
<b>SS</b>	<b>SLC</b>
SS LED Stomp Strip	SLC Snap & Light Jumper or Power Connectors



### SOLDERLESS SNAP & LIGHT L-CONNECTOR

Join and conduct power to 2 sections of LED Stomp Strip in an L-shape.

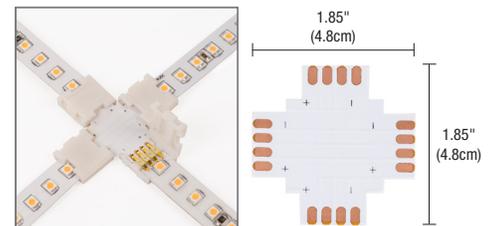
Product	Type
<b>SS</b>	<b>SLL</b>
SS LED Stomp 10mm	SLL Snap & Light L-Connector



### SOLDERLESS SNAP & LIGHT T-CONNECTOR

Join and conduct power to 3 sections of LED Stomp Strip in a T-shape.

Product	Type
<b>SS</b>	<b>SLT</b>
SS LED Stomp 10mm	SLT Snap & Light T-Connector



### SOLDERLESS SNAP & LIGHT X-CONNECTOR

Join and conduct power to 4 sections of LED Stomp Strip in an X-shape.

Product	Type
<b>SS</b>	<b>SLX</b>
SS LED Stomp 10mm	SLX Snap & Light X-Connector

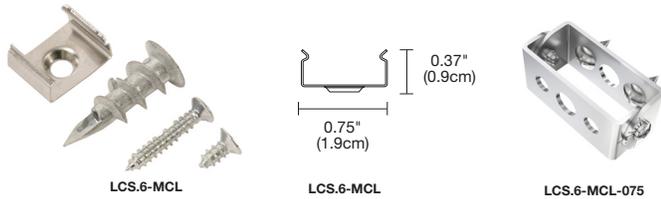
PROJECT	FIXTURE TYPE	DATE
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# LIGHT CHANNEL 0.3" DIY SURFACE MOUNT

## 24VDC LED TUNABLE WHITE & RGB

REV 09.07.21

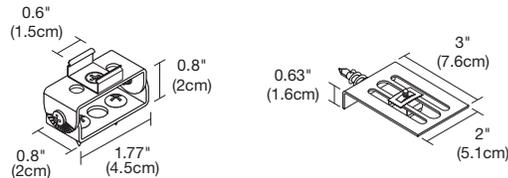
**ACCESSORIES:** Order based on lighting design or as replacement parts.



LCS.6-MCL

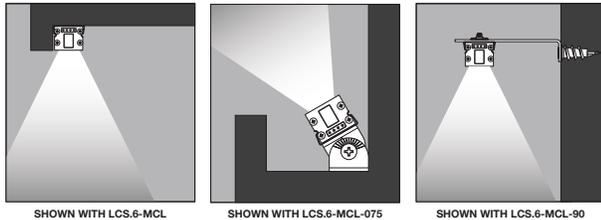
LCS.6-MCL

LCS.6-MCL-075



LCS.6-MCL-075

LCS.6-MCL-90



SHOWN WITH LCS.6-MCL

SHOWN WITH LCS.6-MCL-075

SHOWN WITH LCS.6-MCL-90

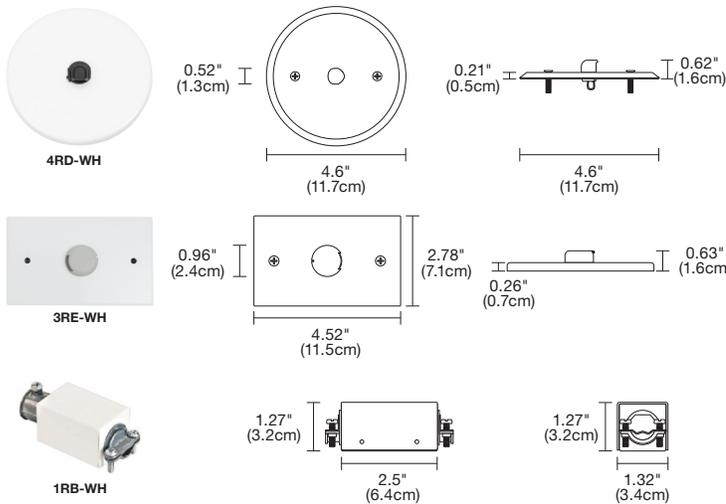
### MOUNTING CLIPS

LCS.6-MCL mounting clips are provided with every 2' of Light Channel and may be ordered separately as replacement parts. The LCS.6-MCL-075 rotates Light Channel up to 75°. LCS.6-MCL-90 mounts Light Channel at a 90° angle.

System	Product	Type
<b>LCS.6</b>	<b>MCL</b>	Standard (Leave Blank)
LCS.6 Light Channel 0.6" Surface Mount	MCL Mounting Clip	075 Adjusts 0-75° 90 Mounts at 90°

### CANOPY COVER & SPLICE BOX

Use for remote located power supply. The 3 inch rectangle or 4 inch round white canopy covers the electrical box and feeds wires for Light Channel. The Splice Box provides a safe enclosure for low voltage connections.



4RD-WH

3RE-WH

1RB-WH

Product	Finish
<b>3RE</b>	<b>WH</b>
3RE 3 Inch Rectangle Canopy Cover	WH White
4RD 4 Inch Round Canopy Cover	
1RB 1 Inch Rectangle Splice Box	

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: DVTW-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

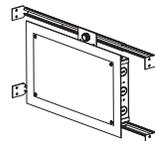
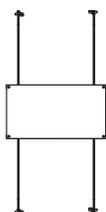
\*Title 24 with JAB listed PureEdge products and systems

\*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.

- 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.

**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

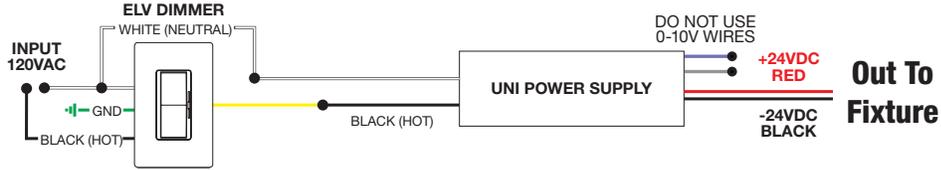
**Ordering Codes 8.5" x 14.25":** PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

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

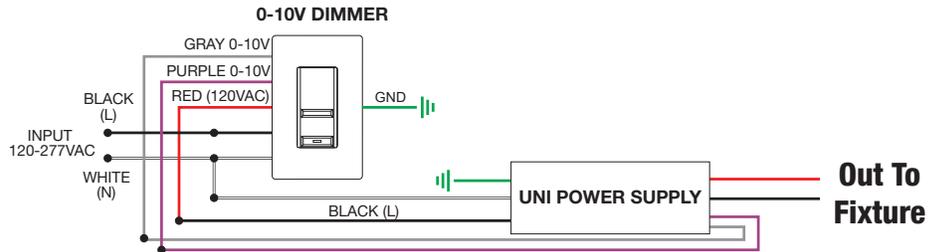
**Application:** ELV dimming for Static White and Warm Dim

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



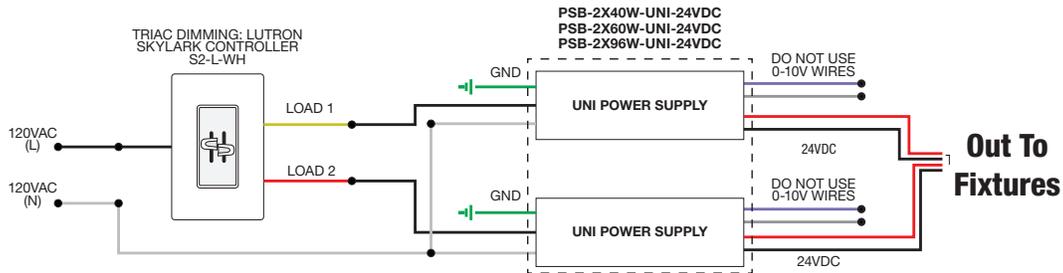
**Application:** 0-10V dimming for Static White

**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	
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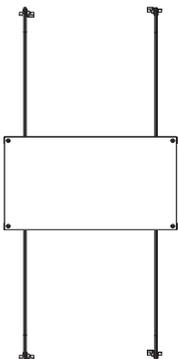
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS <sup>†‡</sup>				
<b>ORDERING CODES</b>	<b>PS-60L-ELV-24VDC</b> 	<b>PSB-60W-ELV-24VDC</b> 	<b>PSB-2X60W-ELV-24VDC</b> 	<b>PSB-100W-ELV-24VDC</b> 
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	60W NON-IC, 50W-IC (FITS IN JBOX)	60W	2X60W	96W
<b>INPUT VOLTAGE</b>	120VAC	120VAC	120VAC	120VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	2.25" X 1.25" X 0.83"	8.125" X 2" X 1.75"	12.15" X 6.48" X 2.18"	9.25" X 3.5" X 2"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	CLASS 2
<b>T-BAR MOUNTING</b>	N/A	<b>PSB-60W-ELV-24VDC-TB</b>	<b>PSB-2X60W-ELV-24VDC-TB</b>	<b>PSB-100W-ELV-24VDC-TB</b>
<b>IN WALL MOUNTING</b>	N/A	<b>PSB-60W-ELV-24VDC-IW</b>	<b>PSB-2X60W-ELV-24VDC-IW</b>	<b>PSB-100W-ELV-24VDC-IW</b>
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS <sup>†‡</sup>				
<b>ORDERING CODES</b>	<b>PSB-2X100W-ELV-24VDC</b> 	<b>PSB-3X100W-ELV-24VDC</b> 	<b>PSB-4X100W-ELV-24VDC</b> 	
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	2X96W	3X96W	4X96W	
<b>INPUT VOLTAGE</b>	120VAC	120VAC	120VAC	
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	
<b>DIMENSIONS</b>	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	
<b>T-BAR MOUNTING</b>	<b>PSB-2X100W-ELV-24VDC-TB</b>	<b>PSB-3X100W-ELV-24VDC-TB</b>	<b>PSB-4X100W-ELV-24VDC-TB</b>	
<b>IN WALL MOUNTING</b>	<b>PSB-2X100W-ELV-24VDC-IW</b>	N/A	N/A	
<b>DIMMING AND CONTROLS</b>				
<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>	•	•	•	

<sup>†</sup>22K - 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. Tunable White color temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-Lume® Power Supplies. Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

<sup>‡</sup>Electrical Panels using Siemens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

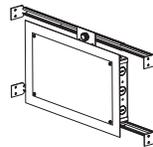
With N-Lite Dimming Do Not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies

\*\*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-60W-ELV-24VDC-TB  
PSB-100W-ELV-24VDC-TB  
PSB-2X60W-ELV-24VDC-TB  
PSB-2X100W-ELV-24VDC-TB  
PSB-3X100W-ELV-24VDC-TB  
PSB-4X100W-ELV-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.

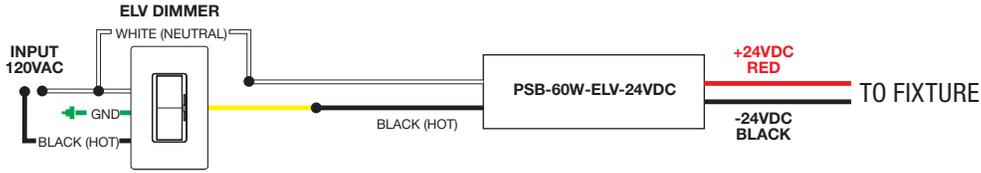
**Ordering Codes 5.1" x 14.25":** PSB-60W-ELV-24VDC-IW  
PSB-100W-ELV-24VDC-IW  
**Ordering Codes 8.5" x 14.25":** PSB-2X60W-ELV-24VDC-IW  
PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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**SAMPLE WIRING DIAGRAMS 24VDC ELV**

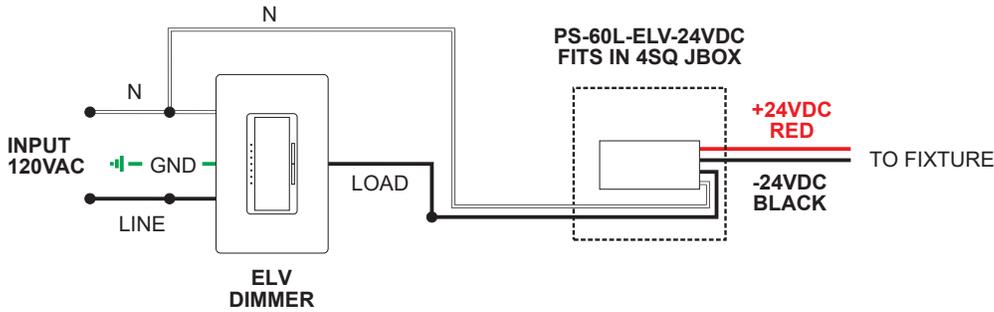
**Application:** ELV dimming for Static White

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



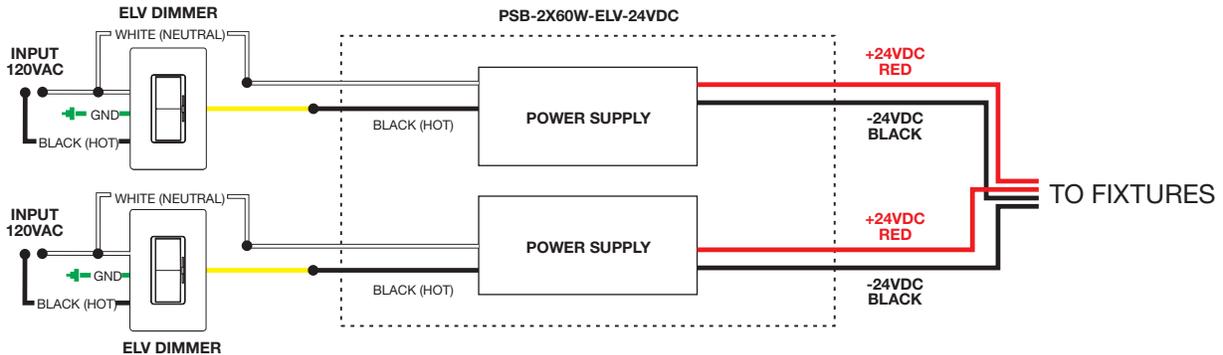
**Application:** ELV dimming for Static White

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



**Application:** Dual ELV dimming for Static White

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



PROJECT		FIXTURE TYPE		DATE	
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### 0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS

ORDERING CODE	PSB-25W-010-24VDC	PSB-60W-010-24VDC	PSB-96W-010-24VDC
SPECIFICATIONS			
MAXIMUM LOAD	25W	60W	96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-25W-010-24VDC-TB	PSB-60W-010-24VDC-TB	PSB-96W-010-24VDC-TB
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW

### 0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS

ORDERING CODE	PSB-2X96W-010-24VDC	PSB-3X96W-010-24VDC	PSB-4X96W-010-24VDC
SPECIFICATION			
MAXIMUM LOAD	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-2X96W-010-24VDC-TB	PSB-3X96W-010-24VDC-TB	PSB-4X96W-010-24VDC-TB
IN-WALL MOUNTING	PSB-2X96W-010-24VDC-IW	N/A	N/A

### DIMMING & CONTROLS

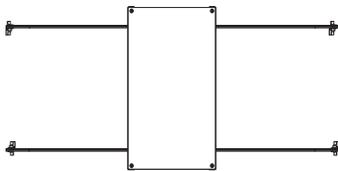
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•
LUTRON DIVA: DVTV-WH, DVSTV-WH	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•
LEVITON: LEV40050	•	•	•
LEVITON IP710-LFZ	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•

- 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 > 90

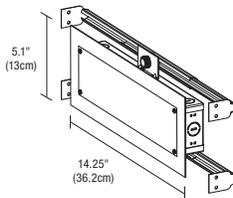
\*Title 24 compliant when used with JAB listed PureEdge systems.

\*\*Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.



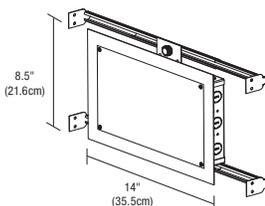
**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

**Ordering Codes:**  
 PSB-25W-010-24VDC-TB,  
 PSB-60W-010-24VDC-TB,  
 PSB-96W-010-24VDC-TB,  
 PSB-2X96W-010-24VDC-TB  
 PSB-3X96W-010-24VDC-TB  
 PSB-4X96W-010-24VDC-TB



**5.1" x 14.25" 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-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-IW



**8.5" x 14" 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-2X96W-010-24VDC-IW

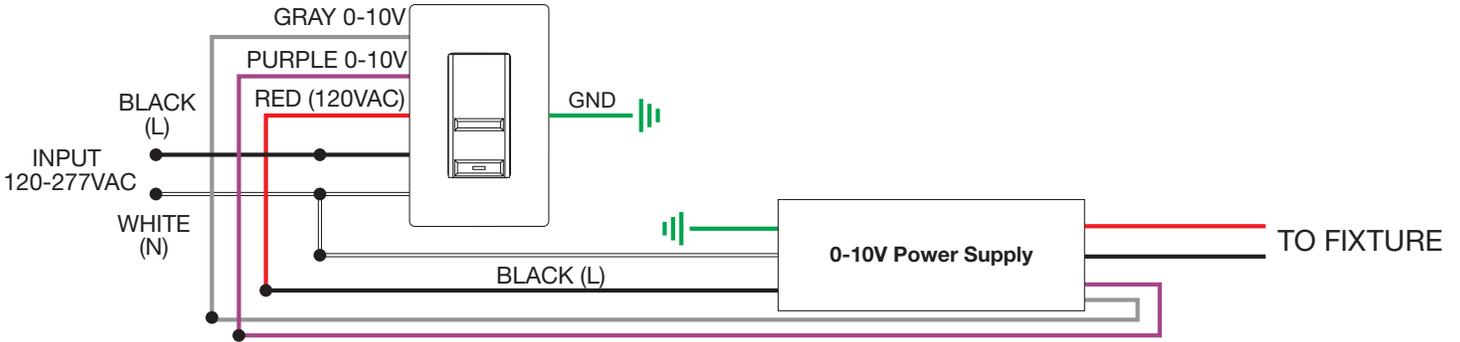
PROJECT	FIXTURE TYPE	DATE
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**SAMPLE WIRING DIAGRAMS 24VDC 010**

**Application:** 0-10V Dimming Applications For Static White and Warm Dim

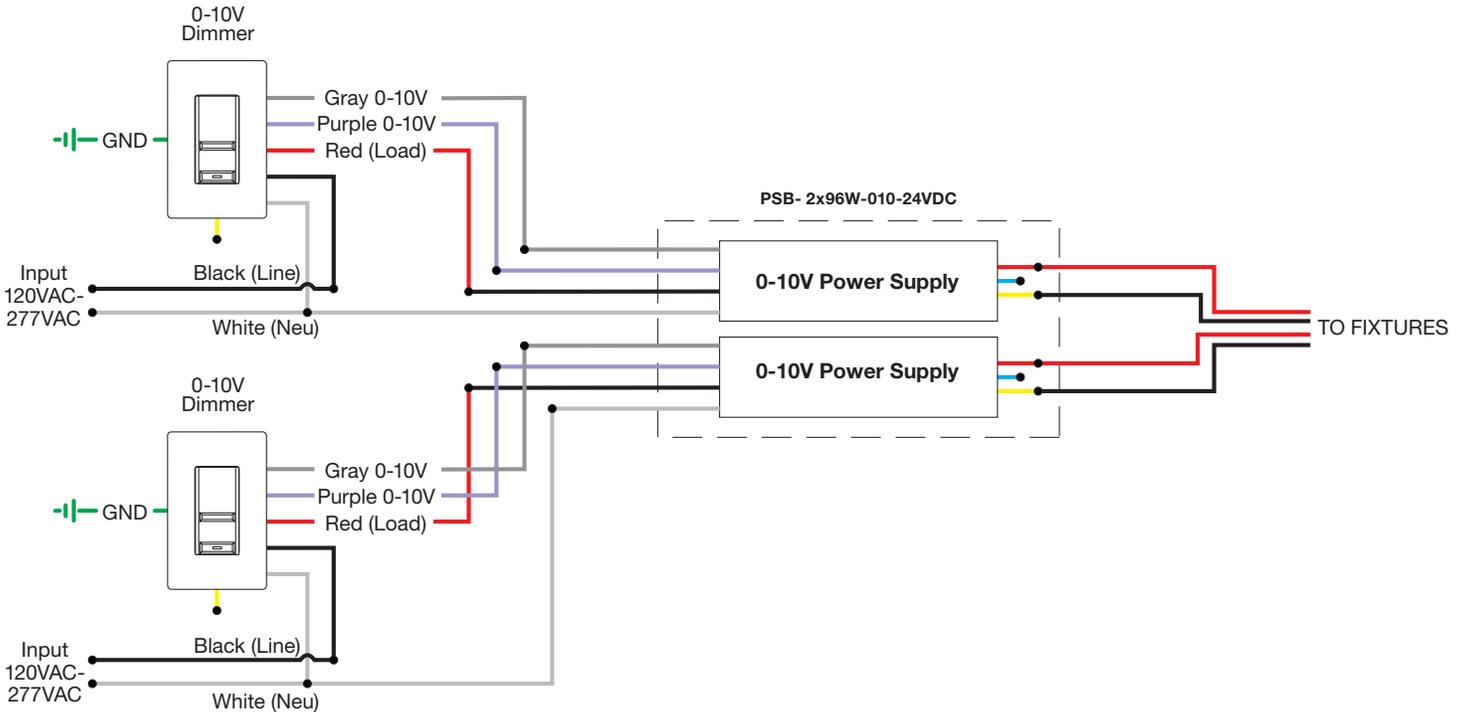
**Dimming:** Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, \*IP710-DLZ \*(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)

**0-10V DIMMER**



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

**Dimming:** Dimmable with Dual 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, \*IP710-DLZ \*(Built in LED locator light), Legrand Dimmer: ADPD4FBL3P2W4, Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)



PROJECT		FIXTURE TYPE		DATE	
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# PSB-  X100W-24VDC

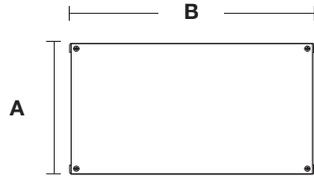
## 24 VOLT DC, NON-DIMMING POWER SUPPLY

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

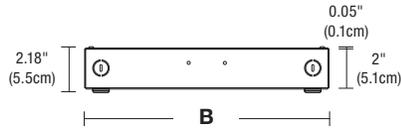
REV 09.07.21



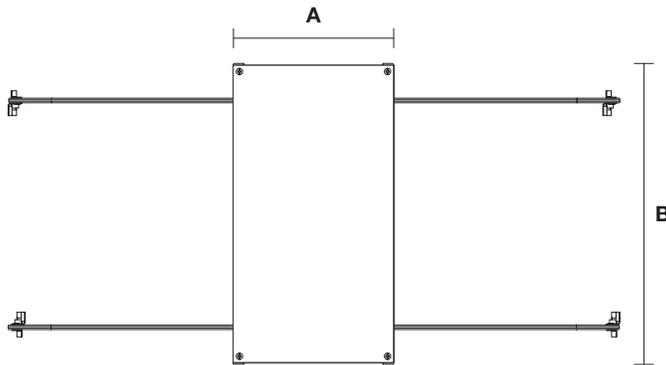
PSB-2X100W-24VDC



TOP VIEW



SIDE VIEW



PSB-100W-24VDC-TB  
(T-BAR GRID CEILING)

### DESCRIPTION

Non-Dim Power Supply accepts input voltage in a range of 120 - 277VAC and outputs 24VDC power up to 4x100 watts. The enclosure provides a space inside for electrical connections. In-Wall Power Supply Kit includes power supply, box cover and stud hangers for installing Junction Box in wall. Power Supply features short circuit and overload and over temperature protection. Indoor applications only.

### APPLICATIONS

Indoor\*

\*To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.

### MOUNTING

Surface mounted with conduit access

### POWER INPUT

120-277VAC

### POWER OUTPUT

Class 2; 24 volts DC 4A, up to 4x100 watts maximum

### EFFICIENCY

90%

### AMBIENT OPERATING TEMPERATURE

-25° C to 90° C

### COMPLIANCE

Made in the USA, UL, CE, Title 28, Plenum for use in Accordance with UL 2043.

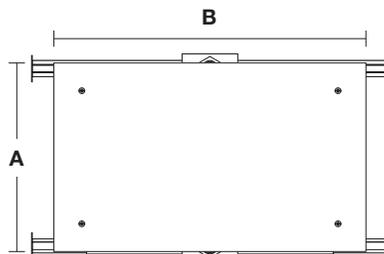
\*Title 24 with JA8 listed PureEdge products and systems

Product	Wattage	Voltage	Options
<b>PSB</b> PSB Power Supply with Enclosure Box	<b>100W</b> 100W 100 Watts 2X100W 2 x 100 Watts 3X100W 3 x 100 Watts 4X100W 4 x 100 Watts	<b>24VDC</b> 24VDC 24 Volt DC	<b>STANDARD</b> (Leave Blank) <b>TB</b> T-Bar Grid Ceiling <b>IW*</b> In-Wall Kit  *Only 100W & 2x100W

STANDARD & T-BAR DIMENSIONS		
	A	B
PSB-100W-24VDC	3.12"	12.4"
PSB-2X100W-24VDC	6.48"	12.15"
PSB-3X100W-24VDC	10"	14"
PSB-4X100W-24VDC	13"	17"



PSB-100W-24VDC-IW



PSB-100W-24VDC-IW (IN WALL KIT)

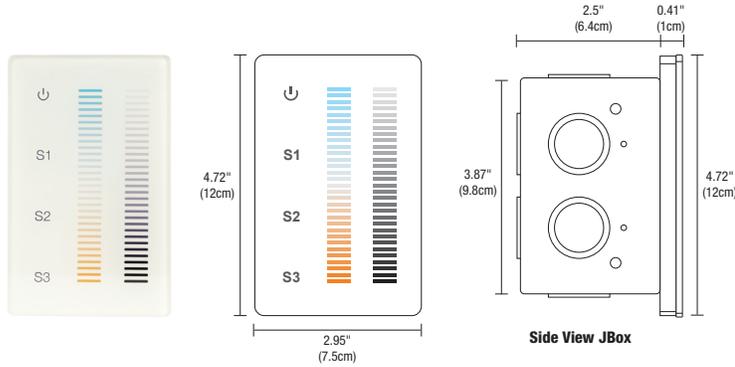
IN-WALL DIMENSIONS		
	A	B
PSB-100W-24VDC-IW	5.1"	14.25"
PSB-2X100W-24VDC-IW	8.5"	14.25"

PROJECT		FIXTURE TYPE		DATE	
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# TUNABLE WHITE DMX CONTROLLER AND POWER SUPPLIES

24VDC INDOOR CONSTANT VOLTAGE POWER SUPPLIES WITH DRIVERS

REV 09.07.21



### DESCRIPTION:

The Tunable White Touch Controller offers fast and accurate Color Temperature adjustment and the ability to regulate the Brightness Independently. The modern Glass faceplate features illuminated indicators, and a back-lit night light that softly illuminates the controller when powered off. Designed for Tunable White, and dual-color LED installations within a single zone. The two Vertical Touch sliders are precise and sensitive, allowing you to fine-tune your perfect Color Temperature at any point between **2000K** (Sunset) to **6500K** (Daylight White) while selecting over 250 levels of Brightness in a smooth, uninterrupted transition. Create Thousands of White Color Combinations while maintaining even Brightness and overall saturation. Easily save three pre-set scenes for different times of the day. Support health, performance, and general well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle using the latest in LED technology. Includes a power adapter that fits behind the controller within a standard junction box and fits inside a standard single-gang receptacle (not for use in a multi-gang box). Use with an insulated, 24 AWG stranded, tinned copper wire (Belden #9841). Power Supplies are Sold Separately. Includes a 5 year pro-rated warranty.

### APPLICATIONS:

Indoor

### OUTPUT SIGNAL:

USITT DMX 512 (1990)

### INSTALLATION:

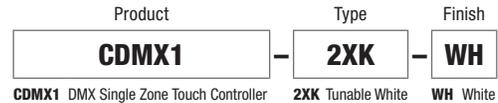
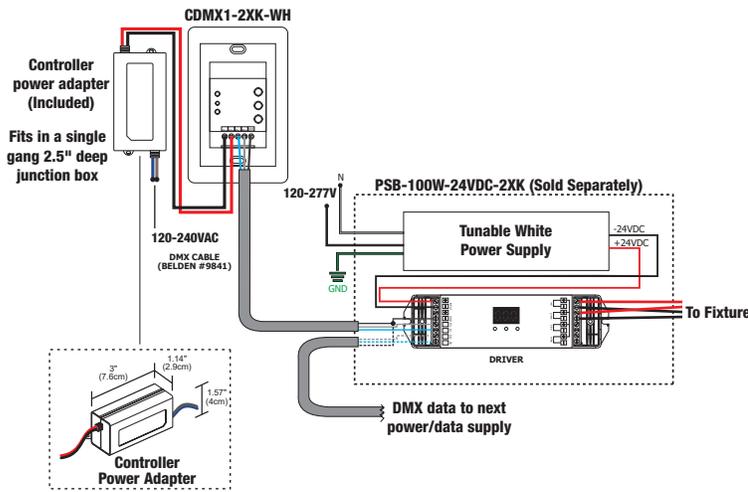
Fits in a single gang 2.5" deep junction box. Not compatible with multi-gang boxes.

### LABELS:

ROHS, FCC, Damp Location, ETL/UL

### POWER INPUT:

120-240VAC

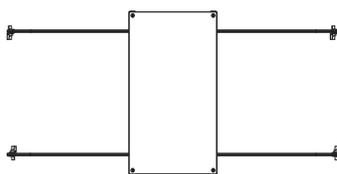


### COLOR CHANGING (DMX) POWER SUPPLIES

ORDERING CODE	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
<b>MAXIMUM LOAD OF LED STRIP LENGTH</b>	100W 5 WATTS - 20FT MAX. 10 WATTS - 10FT MAX.	2X100W 5 WATTS 2 X 20FT MAX. 10 WATTS - 2 X 10FT MAX.	3X100W 5 WATTS 3 X 20FT MAX. 10 WATTS - 3 X 10FT MAX.	4X100W 5 WATTS 4 X 20FT MAX. 10 WATTS - 4 X 10FT MAX.
<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 6.48" X 2.18"	14" X 10" X 3"	17" X 10" X 3"	17" X 10" X 3"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	CLASS 2
<b>T-BAR MOUNTING</b>	PSB-100W-24VDC-2XK-TB	PSB-2X100W-24VDC-2XK-TB	PSB-3X100W-24VDC-2XK-TB	PSB-4X100W-24VDC-2XK-TB
<b>IN-WALL MOUNTING</b>	PSB-100W-24VDC-2XK-IW	NA	NA	NA
<b>DMX TUNABLE WHITE DIMMING &amp; CONTROLS</b>				
<b>TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)</b>	•	•	•	•

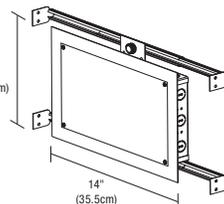
- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements

- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90



**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 Codes:**  
 PSB-100W-24VDC-2XK-TB  
 PSB-2x100W-24VDC-2XK-TB  
 PSB-3x100W-24VDC-2XK-TB  
 PSB-4x100W-24VDC-2XK-TB



**8.5" x 14" 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-100W-24VDC-2XK-IW

PROJECT	FIXTURE TYPE	DATE
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# INDOOR TUNABLE WHITE 0-10V 96 WATT LED POWER SUPPLY

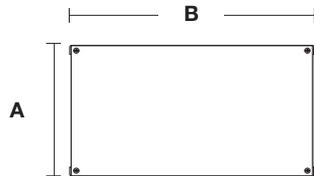
24VDC INDOOR CONSTANT VOLTAGE, TWO CHANNEL CONTROLS, FOR INTENSITY AND COLOR TEMPERATURE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

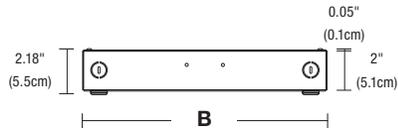
REV 09.07.21



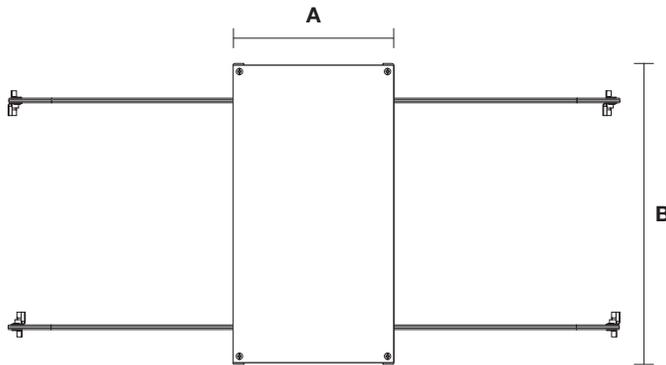
PSB-96W-010-24VDC-2XK



TOP VIEW



SIDE VIEW



PSB-96W-010-24VDC-2XK-TB  
(T-BAR GRID CEILING)

STANDARD & T-BAR DIMENSIONS		
	A	B
PSB-96W-010-24VDC-2XK	6.48"	12.15"
PSB-2X96W-010-24VDC-2XK	10"	14"
PSB-3X96W-010-24VDC-2XK	13"	17"
PSB-4X96W-010-24VDC-2XK	13"	17"

## DESCRIPTION

Accepts input voltage in a range of 120 - 277VAC and outputs 24VDC power up to 96 watts. The low voltage output dims down to 1% when two additional wires are connected to a 0-10V dimmer. The enclosure provides a space inside for electrical connections. In-Wall Power Supply Kit includes power supply, box cover and stud hangers. 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. Power Supply features short circuit, overload and over temperature protection.

## APPLICATIONS

Indoor, Damp Location

## MOUNTING

Surface mounted with conduit access

## POWER INPUT

120-277VAC

## POWER OUTPUT

Class 2; 24 volts DC 4A, up to 96 watts maximum

## EFFICIENCY

90%

## AMBIENT OPERATING TEMPERATURE

-25° C to 40° C

## DIMMING

#1 Controls the intensity. #2 Controls the Color Temperature.  
0-10V (dimmer needs to be capable to dim to 0% without ON/OFF switch)

## DIMMING CURVE

Linear, Logarithmic 100% - 0% (HydraDrive)

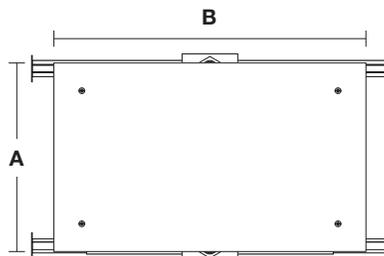
## COMPLIANCE

Made in the USA, UL, CE, Title 28, Plenum for use in Accordance with UL 2043.  
\*Title 24 with JA8 listed PureEdge products and systems

Product	Wattage	Dimming	Voltage	Color Temperature	Options
<b>PSB</b>	<b>96W</b>	<b>010</b>	<b>24VDC</b>	<b>2XK</b>	<b>STANDARD</b> (Leave Blank)
<b>PSB</b> Power Supply with Enclosure Box with Tunable White 0-10V Controller	<b>96W</b> 96 Watts <b>2X96W</b> 2x96 Watts <b>3X96W</b> 3x96 Watts <b>4X96W</b> 4x96 Watts	<b>010</b> 0-10 Volt Dimming	<b>24VDC</b> 24 Volt DC	<b>2XK</b> Tunable White	<b>TB</b> T-Bar Grid Ceiling <b>IW*</b> In-Wall Kit  *96 watts only



PSB-96W-010-24VDC-2XK-IW



PSB-96W-010-24VDC-2XK-IW (IN WALL KIT)

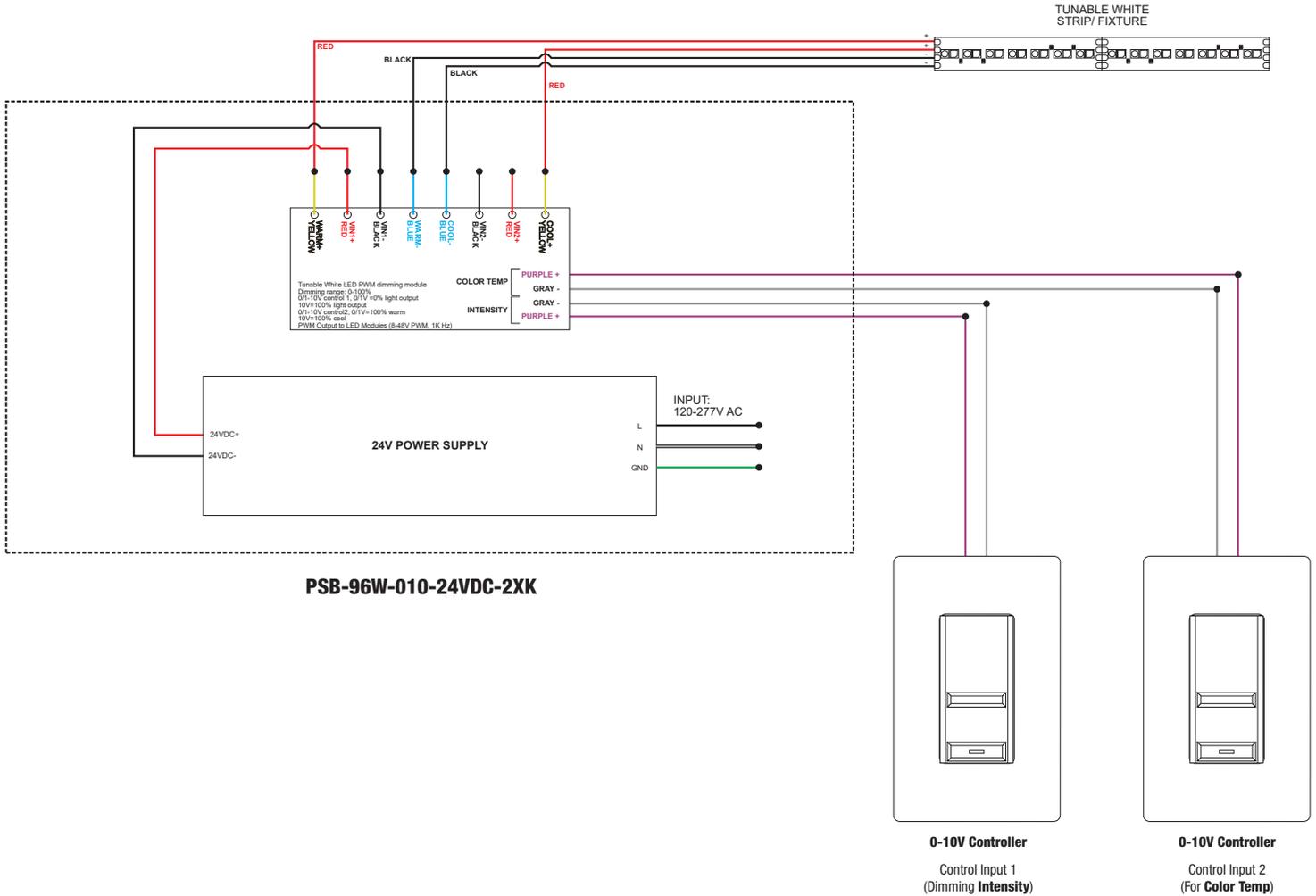
IN-WALL DIMENSIONS		
	A	B
PSB-96W-010-24VDC-2XK-IW	8.5"	14.25"

PROJECT		FIXTURE TYPE		DATE	
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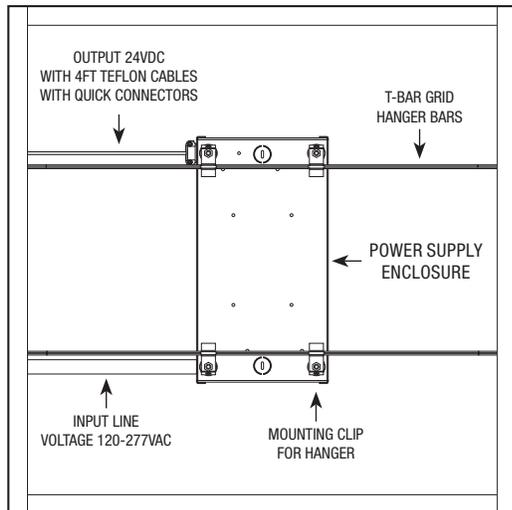
# INDOOR TUNABLE WHITE 0-10V 96 WATT LED POWER SUPPLY

24VDC INDOOR CONSTANT VOLTAGE, TWO CHANNEL CONTROLS, FOR INTENSITY AND COLOR TEMPERATURE

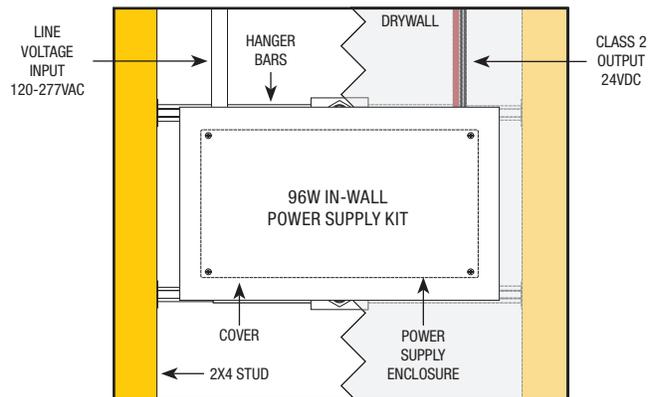
**Application:** 0-10V dimming for Tunable White LED Strip/Fixture



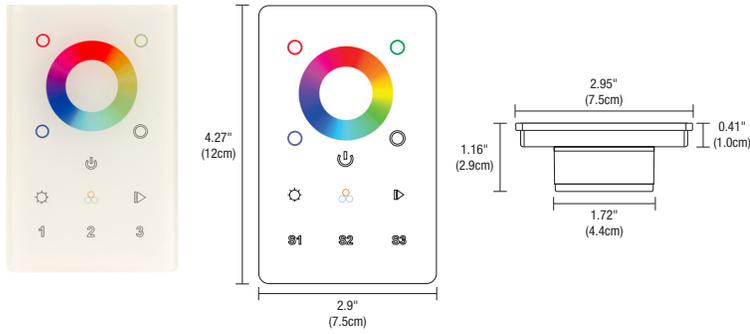
## T-BAR GRID CEILING



## IN WALL KIT



PROJECT		FIXTURE TYPE		DATE	
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**DESCRIPTION**

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 1 zone controller can adjust RGB and RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

**APPLICATIONS**

Indoor

**POWER INPUT**

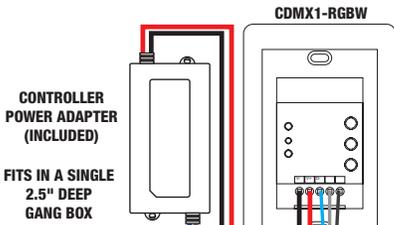
120-277VAC

**INSTALLATION**

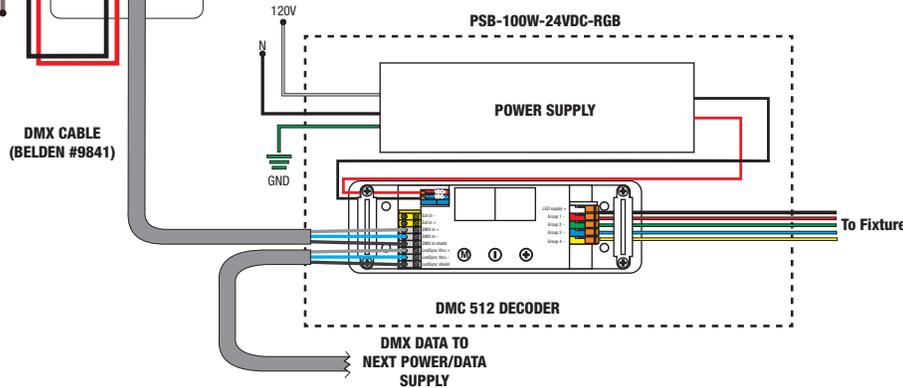
Fits in a single gang 2.5" deep junction box, not to be used with a multi gang box

**OUTPUT SIGNAL**

USITT DMX 512 (1990)

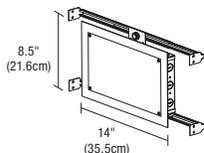


Product	Type	Finish
<b>CDMX1</b>	<b>RGBW</b>	<b>WH</b>
CDMX1 DMX 1 Zone Touch Controller	RGBW RGB & RGBW	WH White



**DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS**

ORDERING CODE	PSB-100W-24VDC-RGB	PSB-2X100W-24VDC-RGB	PSB-3X100W-24VDC-RGB	PSB-4X100W-24VDC-RGB
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	100W	2X100W	3X100W	4X100W
<b>INPUT VOLTAGE</b>	120-277VAC	120-277VAC	120-277VAC	120-277VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	12.14" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	17" X 13" X 3"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	CLASS 2
<b>IN-WALL MOUNTING</b>	PSB-100W-24VDC-RGB-IW	N/A	N/A	N/A
<b>DIMMING &amp; CONTROLS</b>				
<b>TOUCH SCREEN CONTROLLER (CTP)</b>	•	•	•	•
<b>COLOR DIAL CONTROLLER (CDP)</b>	•	•	•	•
<b>DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)</b>	•	•	•	•



**8.5" X 14" 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-100W-24VDC-RGB-IW

PROJECT		FIXTURE TYPE		DATE	
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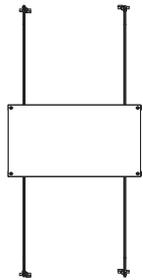
# INDOOR DMX RGB/RGBW 24VDC CONSTANT VOLTAGE

24VDC WITH DMX DRIVER, RGB & RGB+W

## COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS

ORDERING CODE	PSB-100W-24VDC-RGB	PSB-2X100W-24VDC-RGB	PSB-3X100W-24VDC-RGB	PSB-4X100W-24VDC-RGB
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	100W	2X100W	3X100W	4X100W
<b>INPUT VOLTAGE</b>	120-277VAC	120-277VAC	120-277VAC	120-277VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	12.14" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" 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-100W-24VDC-RGB-TB</b>	<b>PSB-2X100W-24VDC-RGB-TB</b>	<b>PSB-3X100W-24VDC-RGB-TB</b>	<b>PSB-4X100W-24VDC-RGB-TB</b>
<b>IN-WALL MOUNTING</b>	<b>PSB-100W-24VDC-RGB-IW</b>	N/A	N/A	N/A
<b>DIMMING &amp; CONTROLS</b>				
<b>TOUCH SCREEN CONTROLLER (CTP)</b>	•	•	•	•
<b>COLOR DIAL CONTROLLER (CDP)</b>	•	•	•	•
<b>DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)</b>	•	•	•	•

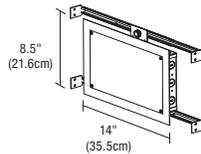
## RECOMMENDED CONTROLLERS



### 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.

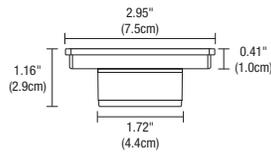
**ORDERING CODES:** PSB-100W-24VDC-RGB-TB  
PSB-2X100W-24VDC-RGB-TB  
PSB-3X100W-24VDC-RGB-TB  
PSB-4X100W-24VDC-RGB-TB



### 8.5" X 14" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Use ordering code in the In-Wall Mounting row of the specification table if an In-Wall Mounting Kit is needed.

**ORDERING CODES:** PSB-100W-24VDC-RGB-IW



### DESCRIPTION

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 1 zone controller can adjust RGB & RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

### APPLICATIONS

Indoor

### POWER INPUT

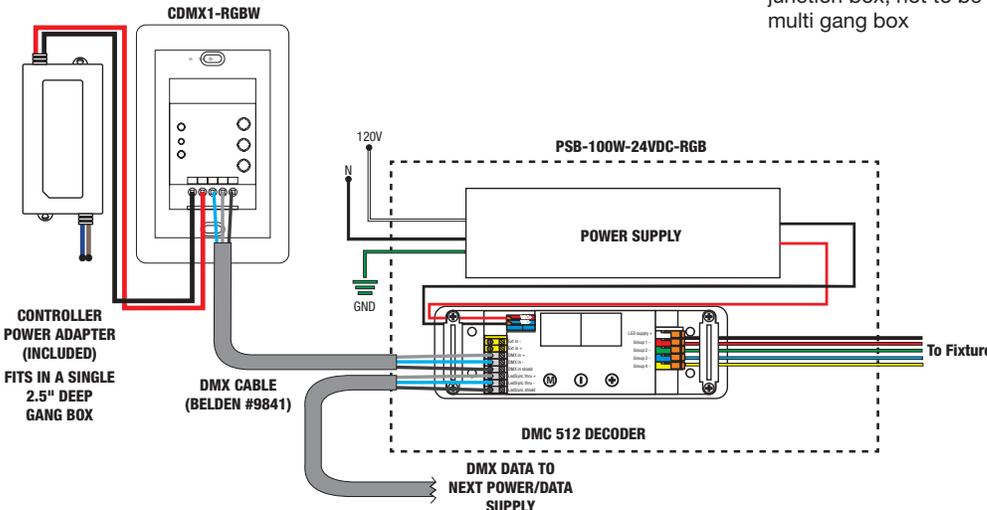
120-277VAC

### INSTALLATION

Fits in a single gang 2.5 inch deep junction box, not to be used with a multi gang box

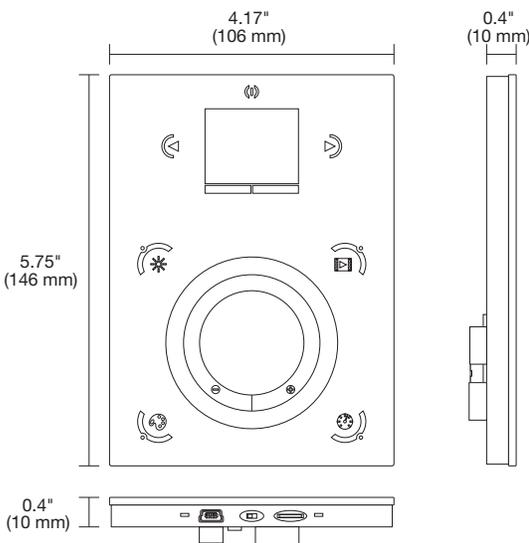
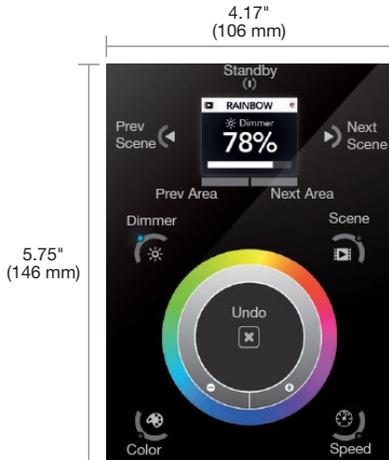
### OUTPUT SIGNAL

USITT DMX 512 (1990)



Product	Type	Finish
<b>CDMX1</b>	<b>RGBW</b>	<b>WH</b>
CDMX1 DMX 1 Zone Touch Controller	RGBW RGB & RGBW	WH White

PROJECT	FIXTURE TYPE	DATE
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**DESCRIPTION**

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 10 zone controller can adjust RGB and RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

**FEATURES AND BENEFITS**

**KEY FEATURES:**

- Sleek glass design which sits 11mm from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control
- RS232, Dry Contact Ports and an Infra Red input port
- Clock and calendar with Sunrise/Sunset triggering
- Network communication. Control lighting remotely
- Catalog of designs including black and white glass
- OEM customization of the color palette and logo
- Windows/Mac software to set dynamic colors/effects
- iPhone/iPad/Android remote and programming apps

**APPLICATIONS**

Indoor

**POWER ADAPTER**

9VDC 0.65A (included)

**POWER INPUT**

7VDC 0.6A

**OUTPUT SIGNAL**

DMX512 1,024 channels total

**INPUT SIGNAL**

Universal IR receiver (Sold Separately), RS232, Contact Closure, Live Computer Link, DMX512, WiFi

**CONNECTIONS**

USB, Ethernet, RS232, Clock, 8 dry contact ports, open drain output

**MEMORY**

microSD (32GB Max)

**COMPUTER AND MOBILE DEVICE REQUIREMENTS**

**IPHONE/IPAD/ANDROID:**

The controller may be used with any of the following apps: DMX Lightpad 3, Easy Remote and Arcolis may be downloaded from App Store or Google Play.

**ESA PRO SOFTWARE (WINDOWS ONLY, TIMELINE AND MULTI-ZONE):**

Windows ME, XP, Vista, 7 or 8 (32 bits and US 2.0, computer connection required for initial setup only.)

**ESA2 SOFTWARE (WINDOWS/MAC, SINGLE ZONE):**

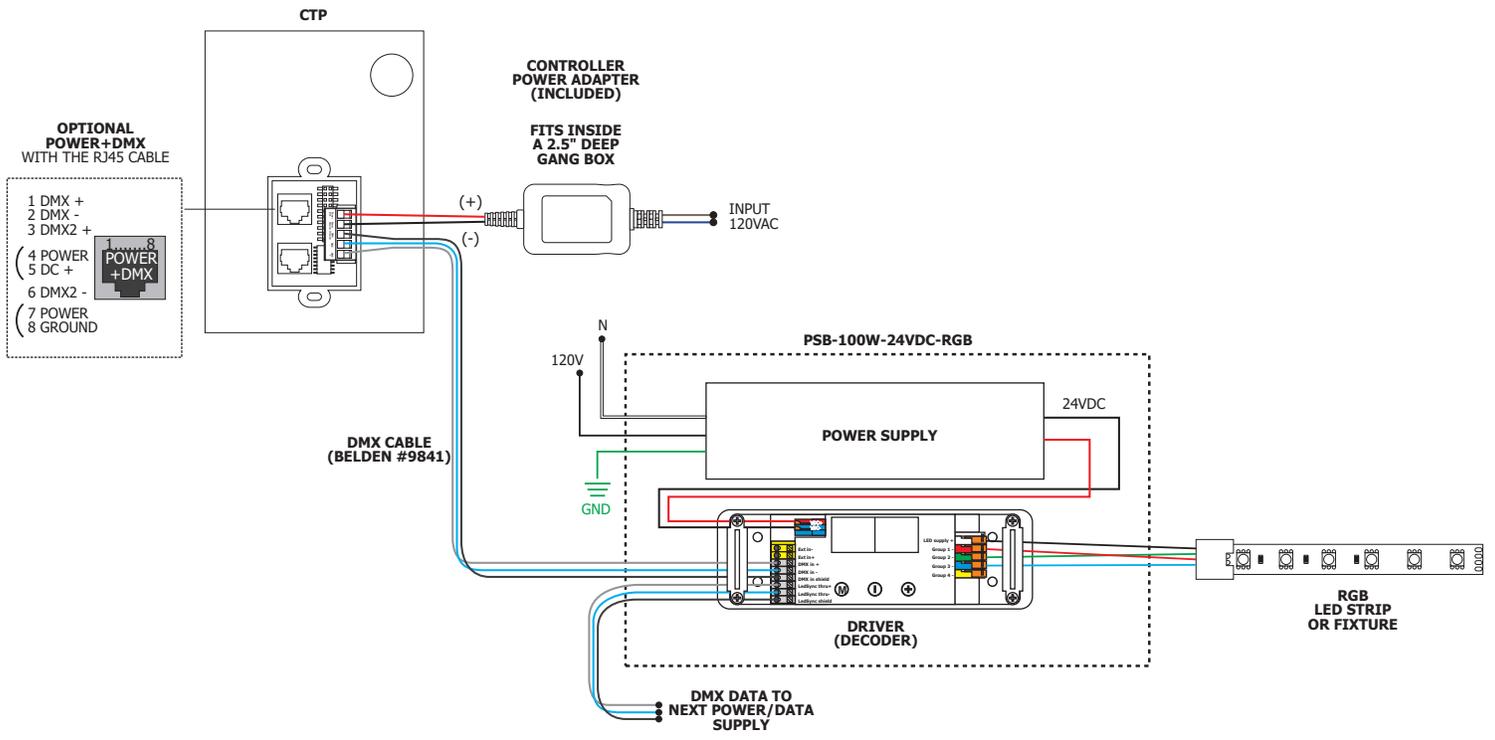
Windows ME, XP, Vista, 7 or 8

Mac OS X 10.7 (Lion), 10.8 (Mountain lion), 10.9 (Mavericks), 10.10 (Yosemite)

Product	Finish
<b>CTP</b>	<b>BK</b>
CTP Color Touch Screen Controller with Power Adapter	BK Black WH White

PROJECT		FIXTURE TYPE		DATE	
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**RGB Wiring Diagram**



PROJECT		FIXTURE TYPE		DATE	
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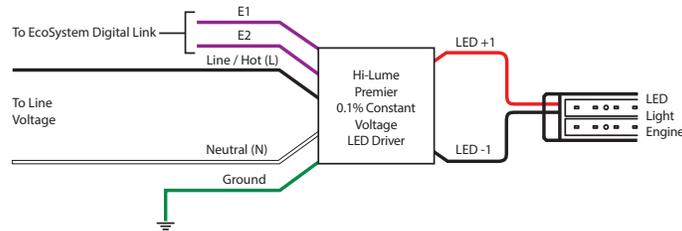
**LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†**

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>	•	•	•

†22K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies.

\*Title 24 compliant when used with JA8 listed PureEdge systems.

**WIRING DIAGRAM FOR  
LTEA4U1UKL-CV240 OR L3D0-96W24V-U  
ECOSYSTEM DIGITAL LINK**



**COMPATIBLE DIMMERS FOR  
LTEA4U1UKL-CV240 OR L3D0-96W24V-U  
ECOSYSTEM DIGITAL LINK**

Product	Model Number		Drivers Per Control	Recommended System Version <sup>2</sup>
	120V	277V		
<b>PowPak Dimming Module with EcoSystem</b>	RMJ-ECO32-DV-B URMJ-ECO32-DVB		32 Per EcoSystem link	5.9 or Higher
<b>PowPak Wireless Fixture Control with EcoSystem<sup>1</sup></b>	FJC-ECO FJCS-ECO		3 Per EcoSystem link	0796554 or Higher
<b>Energi Savr Node unit with EcoSystem</b>	QSN-1ECO-S, QSN-2ECO-S, QSN-2ECO-PS120, UQSN-1ECO-S, UQSN-2ECO-S,		64 Per EcoSystem link	9.027 or Higher
<b>GRAFIK Eye QS unit with EcoSystem</b>	QSGRJ-_E- QSGR-_E-	-	64 Per EcoSystem link	9.009 or Higher
<b>Quantum Light Management Hub</b>	AYF-103P-	-	64 Per EcoSystem link	3.2 or Higher <sup>3</sup>
<b>Homeworks QS with EcoSystem</b>	LQSE-2ECO-D- QSGRJ-_E- QSGR-_E-	-	64 Per EcoSystem link	10 or Higher <sup>4</sup>

1: All devices connected to one PowPak Wireless Fixture Control will be controlled together. Devices will dim to the same level as the result of a control command. The wireless fixture control will need to have it's low end level reprogrammed to dim to 0.1% output. For more details on adjusting low end light level refer to Application Note #556 at [www.Lutron.com](http://www.Lutron.com)

2: For lower system versions please visit [www.Lutron.com/LEDsystemcheck](http://www.Lutron.com/LEDsystemcheck) to check if your system requires changes

3: Version 3.1 (or later) is required to dim lower than 1%

4: Version 7.0 (or later) is required to dim lower than 1%

PROJECT		FIXTURE TYPE		DATE	
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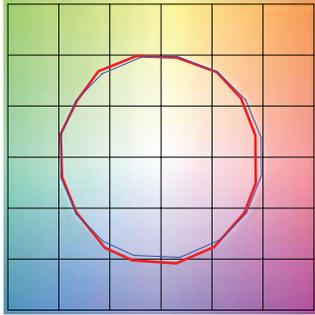
# TM30 DATA

24VDC STATIC WHITE & COLOR, TUNABLE WHITE, WARM DIM & RGB

**TM-30-15 DATA:** The data below is for ST2A, ST5A, ST7A and ST10A 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.

**2200K** | Rf: 90.5 | Rg: 99.9

Color Vector Graphic

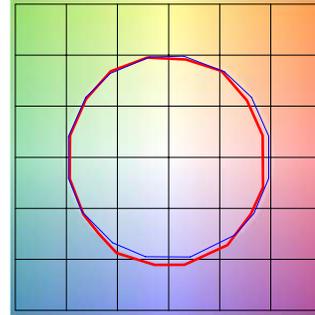


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.3	-5.2%	1.0%
2	90.1	-3.6%	3.7%
3	87.5	-0.5%	5.6%
4	93.9	-1.2%	1.3%
5	94.7	0.7%	2.1%
6	93.7	2.6%	0.7%
7	93.5	-1.5%	-2.2%
8	97.8	-0.4%	-0.2%
9	93.7	-1.5%	2.4%
10	90.8	-0.8%	4.9%
11	89.3	3.7%	5.4%
12	90.2	4.6%	1.0%
13	89.0	4.4%	-9.7%
14	75.4	0.6%	-15.1%
15	90.7	-1.7%	-5.0%
16	84.2	-4.4%	-9.1%

**2400K** | Rf: 90.2 | Rg: 99.3

Color Vector Graphic

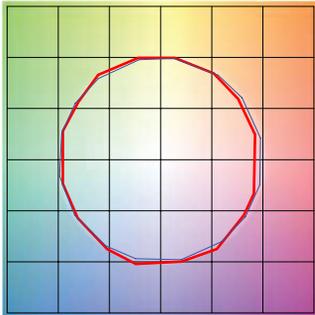


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	89.0	-4.8%	1.1%
2	90.4	-3.7%	3.2%
3	88.1	-0.7%	5.2%
4	93.0	-2.1%	0.9%
5	94.5	-0.1%	2.0%
6	94.7	1.7%	0.6%
7	93.7	-1.9%	-1.5%
8	96.8	-1.2%	0.2%
9	91.9	-1.8%	3.7%
10	88.8	-0.9%	6.1%
11	87.5	3.8%	7.1%
12	89.6	4.3%	0.3%
13	88.1	4.2%	-9.1%
14	82.5	2.8%	-10.6%
15	91.4	-2.1%	-4.2%
16	84.0	-3.6%	-9.9%

**2700K** | Rf: 89.5 | Rg: 98.3

Color Vector Graphic

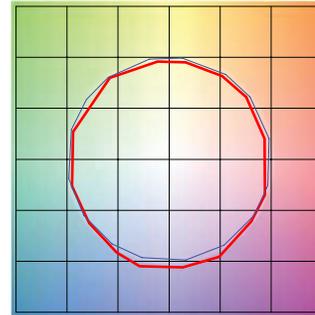


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.6	-5.2%	0.9%
2	90.3	-3.6%	2.9%
3	88.4	-1.5%	5.0%
4	91.9	-2.5%	1.4%
5	93.5	-0.9%	2.3%
6	95.7	0.9%	-0.4%
7	91.1	-3.7%	-0.5%
8	95.8	-2.0%	0.4%
9	90.5	-2.6%	4.5%
10	84.9	-1.1%	8.7%
11	85.0	2.3%	9.8%
12	88.1	5.5%	1.5%
13	90.9	2.9%	-5.2%
14	86.2	4.3%	-8.9%
15	90.7	-2.4%	-3.6%
16	83.0	-2.7%	-11.3%

**3000K** | Rf: 88.7 | Rg: 98.2

Color Vector Graphic

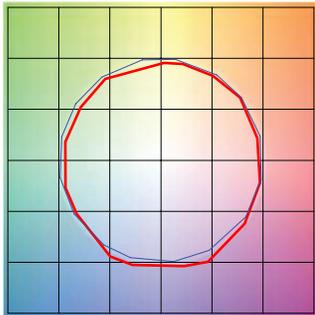


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.3	-5.2%	0.8%
2	90.2	-3.7%	2.7%
3	88.3	-1.6%	4.9%
4	92.2	-2.0%	1.8%
5	91.0	-3.5%	1.8%
6	95.8	0.4%	-0.4%
7	90.2	-4.4%	-0.0%
8	94.8	-2.6%	0.8%
9	89.2	-2.9%	6.0%
10	81.4	-1.5%	9.7%
11	82.9	2.3%	10.5%
12	88.3	6.7%	1.9%
13	91.9	2.8%	-4.0%
14	86.3	4.9%	-8.3%
15	87.1	-1.2%	-6.1%
16	83.2	-1.7%	-11.6%

**3500K** | Rf: 88.1 | Rg: 97.1

Color Vector Graphic

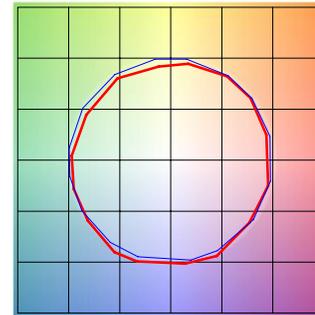


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.8	-5.2%	1.0%
2	90.8	-3.3%	2.3%
3	89.8	-1.6%	3.9%
4	91.0	-2.7%	0.9%
5	90.0	-5.4%	0.7%
6	95.6	-0.9%	-0.4%
7	90.0	-5.3%	1.4%
8	91.8	-3.6%	3.0%
9	87.1	-2.9%	7.3%
10	80.1	-1.3%	12.2%
11	81.8	4.1%	10.5%
12	88.2	5.1%	2.3%
13	92.4	2.1%	-3.8%
14	86.6	5.0%	-7.9%
15	86.2	-0.7%	-6.8%
16	84.5	-2.1%	-7.0%

**4000K** | Rf: 87.6 | Rg: 96.8 | CRI: 84

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%

PROJECT	FIXTURE TYPE	DATE
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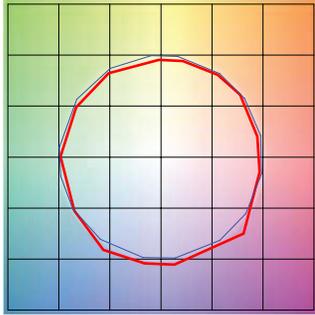
# TM30 DATA

24VDC STATIC WHITE & COLOR, TUNABLE WHITE, WARM DIM & RGB

**TM-30-15 DATA:** The data below is for ST2A, ST5A, ST7A and ST10A 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.

**5700K** | Rf: 87.6 | Rg: 98.0

Color Vector Graphic

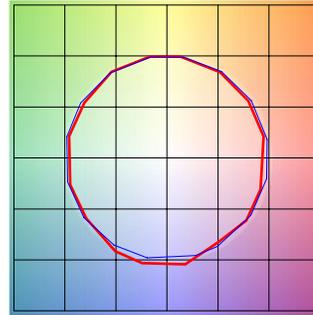


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.9	-3.9%	1.5%
2	92.3	-1.7%	2.7%
3	91.0	-1.2%	2.4%
4	91.5	-1.2%	1.6%
5	86.2	-5.9%	-0.4%
6	93.5	-3.2%	-0.2%
7	93.1	-3.8%	0.6%
8	85.9	-4.6%	5.9%
9	83.6	-4.0%	12.7%
10	75.8	-0.6%	13.6%
11	80.2	4.3%	10.4%
12	83.4	3.4%	1.8%
13	90.8	5.0%	-2.0%
14	91.8	1.3%	-3.3%
15	79.4	8.6%	-12.7%
16	93.4	-2.7%	-0.2%

**2000K ONLY (2K6K/27K6)** | Rf: 90.6 | Rg: 98.5

Color Vector Graphic

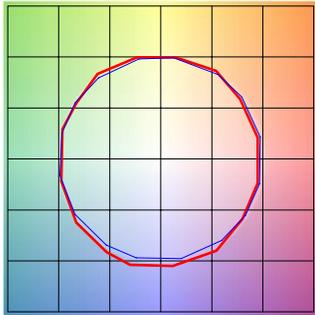


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.5%	1.2%
2	88.7	-3.9%	4.2%
3	90.5	-1.5%	4.3%
4	95.0	-1.7%	0.8%
5	95.2	-0.2%	2.1%
6	94.2	1.6%	1.9%
7	95.9	-0.8%	-2.2%
8	95.5	-1.7%	1.3%
9	93.8	-1.4	2.6%
10	91.9	-0.7%	4.2%
11	91.3	3.6%	3.7%
12	91.2	4.2%	-1.0%
13	86.6	3.8%	-12.7%
14	67.2	-3.0%	-16.3%
15	84.9	-3.3%	-9.4%
16	84.2	-5.7%	-7.5%

**3000K (2K6K/27K6)** | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

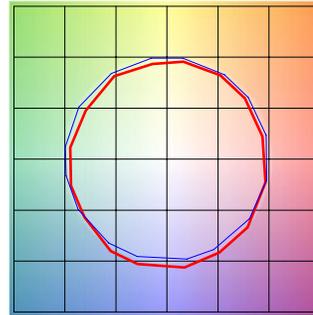


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	91.5	-3.5%	1.2%
2	92.4	-1.8%	2.7%
3	89.8	0.3%	4.5%
4	92.4	-1.7%	0.4%
5	93.3	-0.1%	1.4%
6	94.5	2.1%	-0.6%
7	91.0	-2.5%	0.3%
8	96.9	-0.8%	-0.2%
9	91.6	-0.9%	4.6%
10	86.7	0.7%	7.8%
11	86.3	3.8%	8.5%
12	88.3	6.1%	0.6%
13	90.9	3.1%	-5.2%
14	87.3	4.7%	-7.9%
15	92.1	-1.9%	-2.5%
16	84.5	-0.9%	-10.9%

**4000K ONLY (2K6K/27K6)** | Rf: 86.4 | Rg: 96.1

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.5	-5.5%	1.3%
2	90.4	-3.0%	2.3%
3	89.8	-2.1%	3.6%
4	89.1	-3.4%	0.4%
5	88.5	-5.9%	0.1%
6	93.6	-3.0%	-0.4%
7	88.9	-6.2%	1.7%
8	87.3	-5.0%	4.9%
9	82.4	-3.6%	11.3%
10	77.4	-1.8%	12.7%
11	79.8	4.9%	11.4%
12	88.7	4.4%	2.7%
13	88.7	4.0%	-5.1%
14	91.2	2.2%	-3.8%
15	82.7	-0.1%	-9.2%
16	82.8	-2.2%	-7.6%

PROJECT	FIXTURE TYPE	DATE
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