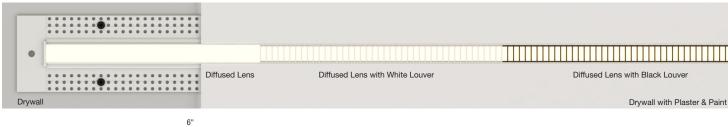
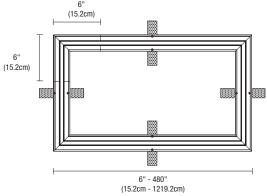




REV 01.30.20





DESCRIPTION

TruQuad Complete Fixture, is a versatile 24VDC linear plaster-in LED system which creates a glare-free, smooth line of architectural indoor lighting. The TruQuad .5A system recesses into 5/8" thick drywall without joist modification. Fixture may be secured to studs that are spaced 13"-24" apart, or between studs with mounting clips provided. Sold in 1" increments from 6"-480" (6"-384" for RGB+W). Use with PureEdge Soft Strip 24VDC Luxury Grade LED Technology offering Static White (CCT), Variable/ Tunable White, Warm Dim, Dynamic Color Changing RGB and RGB+W options. Coordinate installation with electrician and drywall contractors. Includes a 5 year pro-rated warranty.

DESIGN NOTE

TruQuad can be installed on a single surface (wall or ceiling) and allows for the creation of personalized square or rectangular configurations. LED Soft Strip mounts to side wall of the channel, wrapping continuously to create seamless illumination.

APPLICATIONS

Indoor damp or dry locations only. General illumination and architectural accent for Kitchens, Offices, Hospitality, Retail, Residences, Libraries, Hallways, and Bath/Vanity.

2.62 (6.7cm) 0 (5.1cm) 6" - 480" (15.2cm - 1219.2cm) 6" - 480" (15 2cm - 1219 2cm) 0.63' Н (1.6cm)

The average LED Life is 50,000 hours.

WATTS	LUM	ENS	85+CRI	90+CRI	92+CRI	95+CRI	RGB	RGB+W
PER FOOT	PER WATT	PER FOOT	22K, 35K, 40K, 57K	24K, 2K4K	27D, 30D	27K, 30K		
2WDC (2.5WDC)	52	169	•			•		
5WDC (4.4WDC)	50	244	•	•	•	•	•	
6WDC (6.3WDC)	N/A	N/A						•

Lumen values are based on the 3000K LED test

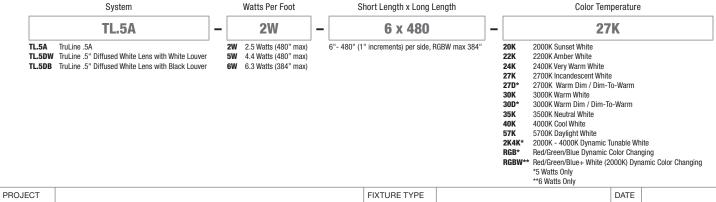
REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS

(SOLD SEPARATELY)

- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- Dynamic Color Changing (DMX)
- Universal Power Supply, TRIAC, ELV and 0-10V flicker free dimming, Title 24
- Lutron Hi-Lume
- *In-Wall Mounting Kits available for select power supplies

INCLUDED COMPONENTS

TruLine .5A Channel(s), Power Channel Connector(s) with Junction Box, Channel Joiners, Mounting Straps, Drywall Screws, LED Soft Strip, and Lens.

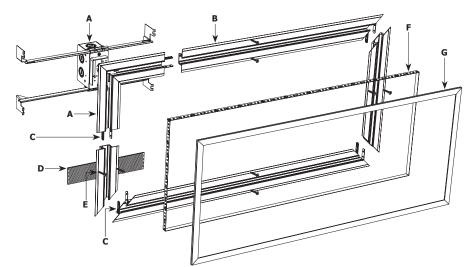




INCLUDED COMPONENTS



REV 01.30.20



A. POWER CHANNEL CONNECTOR WITH JUNCTION BOX

TruQuad includes 1, 2 or 4 L-Picture Frame Power Channel Connectors based on max wattage of design. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside Junction box. Junction Box opening is covered by the channel and comes with Adjustable Mounting Bars. Required at the beginning of each run and necessary to rough-in electrical before TruQuad installation.

B. TruQuad .5A CHANNEL

5/8" deep extrusion house for a single row LED Soft Strip.

C. CHANNEL JOINERS

Channel Joiners ship as a pair to connect two channels together. Additional channel joiners may be necessary based on lighting design.

D. MOUNTING STRAP

Secures channel to drywall when wall stud is unavailable.

E. DRYWALL SCREW

Secures channel to drywall and stud.

F. LED SOFT STRIP Lamping Options:

• Static CCT Kelvin Temperatures with Static Color Options: 20K, 22K, 24K, 27K, 30K, 35K, 40K, 57K

•Warm Dim (Dim-to-Warm) Application

(27D) 2700K Warm Dim to 2000K (30D) 3000K Warm Dim to 2000K (5 Watt Only).

• 2K4K Dynamic Tunable White Variable Color Changes from 2000K to 4000K at full brightness. Suitable for Warm Dim applications (5 Watt Only).

- DYNAMIC COLOR CHANGING RGB
- RED/GREEN/BLUE Dynamic Color (5 Watt Only).

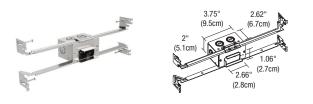
• DYNAMIC COLOR CHANGING RGB+W

RED/GREEN/BLUE+white @2000K Dynamic Color RGB+W

• 50,000 HOUR LAMP LIFE

G. LENS

 0.5° wide diffuser lens projects a clean line of light without LED dots.



JUNCTION BOX ROUGH-IN COMPONENT

One Junction Box is included with TruQuad .5A. Order additional Junction Boxes separately to rough-in electrical wiring before drywall installation. Quick shipment available. See DIY Spec Sheet for all component options.



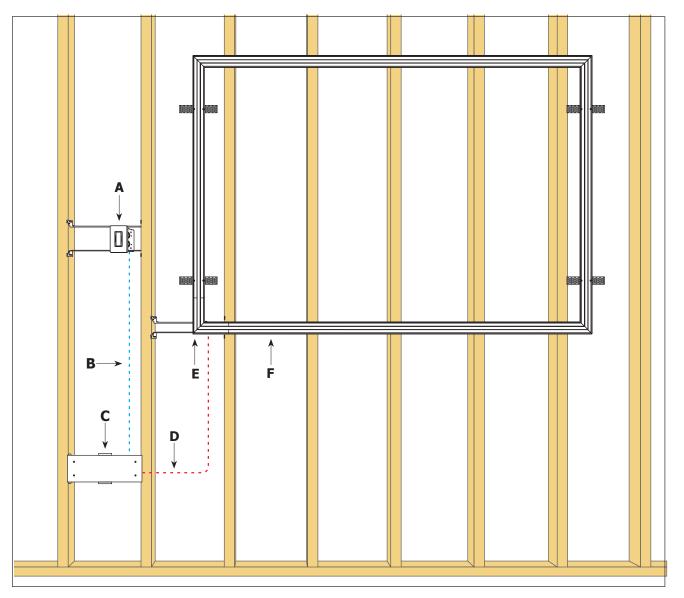
FIXTURE TYPE

DATE

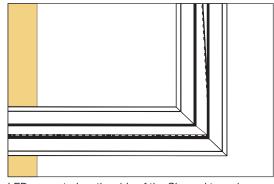
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INSTALLATION



- A. DIMMER OR SWITCH
- **B. 120VAC WIRING**
- C. 120V/24VDC REMOTE POWER SUPPLY WITH IN-WALL MOUNTING KIT
- D. 24VDC, CLASS 2 WIRING
- E. L-PICTURE FRAME POWER CHANNEL JOINER CONNECTOR WITH JUNCTION BOX
- F. TruQuad CHANNEL, LENS, & LED SOFT STRIP



LEDs mounted on the side of the Channel to make L-Turn



REV 01.30.20

PROJECT

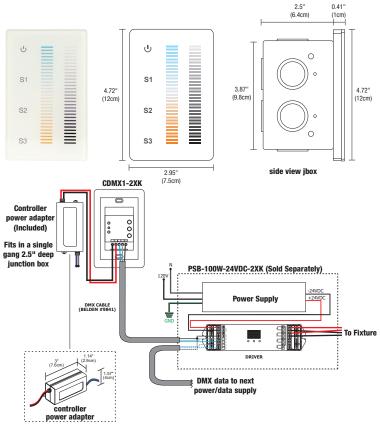
FIXTURE TYPE

DATE



REV. 01.30.20

24VDC, DYNAMIC/TUNABLE WHITE POWER SUPPLIES WITH DMX DRIVER



Description:

The Tunable White Touch Controller is a full-touch controller that offers fast and accurate color temperature adjustment and independent brightness dimming of a single zone. Designed for dynamic/tunable white and dual-color LED installations, this controller adjusts color temperature and brightness for warm and cool white LEDs. It also saves 3 preset scenes. Independent smooth dimming with 256 level brightness adjustment enables the DMX controller to achieve many colors within the full LED spectrum. Controller includes a power adapter that fits in junction box (not included) behind the controller. It contains an illuminated back light when powered off.

Applications:

Indoor Installation:

Power Input: 120-240VAC

Ou

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)



	DYNAMIC COLOR CHANGING	(DMX) POWER SUPPLIES & RECO	MMENDED CONTROLLERS [†]	
ORDERING CODE	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
		SPECIFICATIONS		
MAXIMUM LOAD	100W	2X100W	3X100W	4X100W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 6.48" X 2.18"	14" X 10" X 3"	17" X 10" X 3"	17" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-100W-24VDC-2XK-IW	NA	NA	NA
	DMX	DYNAMIC/TUNABLE WHITE DIMMING & CONTI	ROLS	
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	٠	•	•	•
Flicker free dimming			tant Voltage Uni-Power Supply is compatible with	

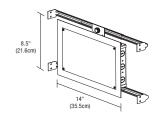
- Aluminum casing for optimal heat dissipation
- · Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
 Efficient Uich power footor
- Efficient, High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

The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers: – Triac Dimmer: (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers

- ELV Dimmer: (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's 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.





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-100W-24VDC-2XK-IW

FIXTURE TYPE



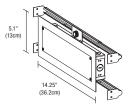


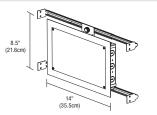
						REV. 01.30.20
	ELECTRONIC LOW-VOLT	AGE (ELV) P	OWER SUPPLIES & REC	OMMENDED DIMMERS ^{1‡}		
	PS-60L-ELV-24VDC	PS	B-60W-ELV-24VDC	PSB-2X60W-ELV-24V	DC	PSB-100W-ELV-24VDC
ORDERING CODES			5.0:0;0		0	
	1		SPECIFICATIONS	1		-
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS IN JBOX)		60W	2X60W		96W
INPUT VOLTAGE	120VAC		120VAC	120VAC		120VAC
OUTPUT VOLTAGE	24VDC		24VDC	24VDC		24VDC
DIMENSIONS	2.25" X 1.25" X 0.83"	8.	.125" X 2" X 1.75"	12.15" X 6.48" X 2.1	3"	9.25" X 3.5" X 2"
CLASSIFICATION	CLASS 2	CLASS 2		CLASS 2		CLASS 2
IN WALL MOUNTING	N/A	PSB	PSB-60W-ELV-24VDC-IW PSB-2X60W-ELV-24VDC		C-IW	PSB-100W-ELV-24VDC-IW
	ELECTRONIC LOW-VOLT	AGE (ELV) P	OWER SUPPLIES & REC	OMMENDED DIMMERS ^{†‡}		
	PSB-2X100W-ELV-24VDC		PSB-3X100	W-ELV-24VDC	PSB-	4X100W-ELV-24VDC
ORDERING CODES	5		0 0	0	9	9 0 and
		S	PECIFICATIONS			
MAXIMUM LOAD	2X96W		3X	96W		4X96W
INPUT VOLTAGE	120VAC		120VAC			120VAC
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
IN WALL MOUNTING	PSB-2X100W-ELV-24VDC-IW			I/A		N/A
	1	DIM	MING AND CONTROLS			
LUTRON DIVA: DVELV-300P	•			•		•
LUTRON SKYLARK: SELV-300P	•			•		•
LUTRON RADIO RA2: RRD-6NA	•			•		•
LUTRON MAESTRO: MAELV-600	•			•		•
LEGRAND ADORNE: ADTP-703TUM4	•			•		•

†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 (2K4K) color temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-lume® Power Supplies. Dynamic Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

‡Electrical Panels using Seimens/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





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-60W-ELV-24VDC-IW PSB-100W-ELV-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-2X60W-ELV-24VDC-IW PSB-2X100W-ELV-24VDC-IW

INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES 24VDC, ELV



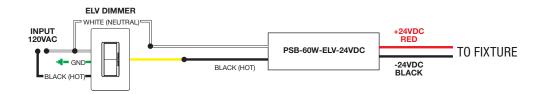
REV. 01.30.20

SAMPLE WIRING DIAGRAMS 24VDC ELV

Application: ELV dimming for Static White

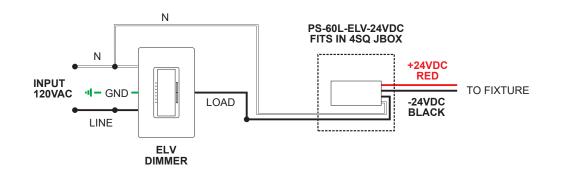
Dimming:

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

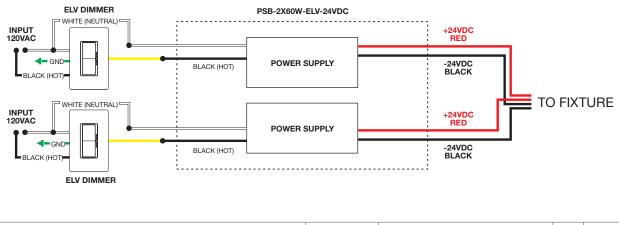
Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



Application:

Dual ELV dimming for Dynamic/Tunable White 2000K-4000K

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



PROJECT

DATE

2 95"

(7.5cm)

1.72

(4.4cm)

```
BW EDGE
```



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

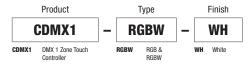
Installation:

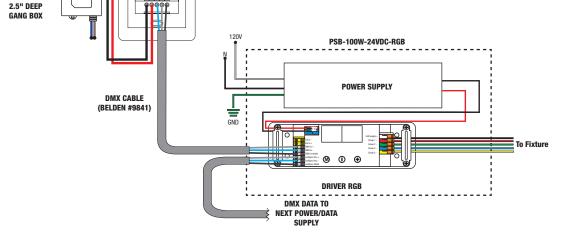
Fits in a single gang 2.5 inch deep junction box, not to be used with a multi gang box

Power Input: 120-277VAC

Output Signal:

USITT DMX 512 (1990)





				DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS							
	PSB-100W-24VDC-RGB	PSB-2X100W-24VDC-RGB	PSB-3X100W-24VDC-RGB	PSB-4X100W-24VDC-RGB							
ORDERING CODE	5 : : 5 0 : 0 : 0	a a a a man	a a a a man	a a a a a a a							
		SPECIFICATIONS									
MAXIMUM LOAD	100W	2X100W	3X100W	4X100W							
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC							
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC							
DIMENSIONS	12.14" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	17" X 13" X 3"							
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2							
IN-WALL MOUNTING	PSB-100W-24VDC-RGB-IW	N/A	N/A	N/A							
DIMMING & CONTROLS											
TOUCH SCREEN CONTROLLER (CTP)	•	•	•	•							
COLOR DIAL CONTROLLER (CDP)	٠	•	•	•							
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	•	•	•	•							

Classification: UL2108 - * 24VDC over 100 Watts, wires must be in conduit from Remote Power Supply to J-box.

c

Ö

4.27"

(12cm

D

\$3

CONTROLLER

POWER ADAPTER

(INCLUDED)

FITS IN A SINGLE

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23

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2.9

(7.5cm)

0

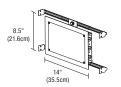
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С

CDMX1-RGBW

1.16"

(2.9cm)



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

FIXTURE TYPE

🚇. 🕘 c@us 🍻 🤇 🗧 c¶Nus 🚳 FC 📀 PIIRF **UNI INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES**

24VDC UNIVERSAL DIMMING WITH ELV, 0-10V, TRIAC | DYNAMIC TUNABLE WHITE TECHNOLOGY

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UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS ⁺						
ORDERING CODE	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC	PSB-2X96W-UNI-24VDC-IW	PSB-4X96W-UNI-24VDC		
	5 : : (j. @ : @ : @	5 : : : : : : : : : : : : : : : : : : :	5 : : : : : : : : : : : : : : : : : : :	000		
SPECIFICATIONS						
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W		
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC		
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC		
DIMENSIONS	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	17" X 13" X 3"		
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2		
IN-WALL MOUNTING	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA		
ELV DIMMING & CONTROLS						
LUTRON DIVA: DVELV-300P	•	•	•	•		
LUTRON SKYLARK: SELV-300P	•	•	•	•		
LUTRON RADIO RA2: RRD-6NA	•	•	•	•		
LUTRON MAESTRO: MAELV-600	•	•	•	•		
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•		
0-10 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	•	•	•	•		
TRIAC DIMMING & CONTROLS						
LUTRON SKYLARK: S2-L-WH	•	•	•	•		
LUTRON DVLV-600P-WH	•	•	•	•		
LUTRON DVLV-603P-WH	•	•	•	•		
LUTRON MALV-600-WH	•	•	•	•		
LUTRON MALV-1000-WH	•	•	•	•		
LUTRON MA-R-XX	•	•	•	•		

· Flicker free dimming

- · Aluminum casing for optimal heat dissipation •
- Isolated output power per NEC and UL safety requirements UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- · Auto-reset; short circuit, overload and thermal protection

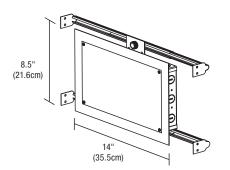
Class 2 power supply
Efficient, High power factor > 0.90

• The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:

- Triac Dimmer: (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers

- ELV Dimmer: (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's 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.

IN WALL MOUNTING OPTIONS



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 8.5 x 14.25 inch: PSB-2X40W-UNI-24VDC-IW,

PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

FIXTURE TYPE

24VDC UNIVERSAL DIMMING WITH ELV, 0-10V, TRIAC | DYNAMIC TUNABLE WHITE TECHNOLOGY

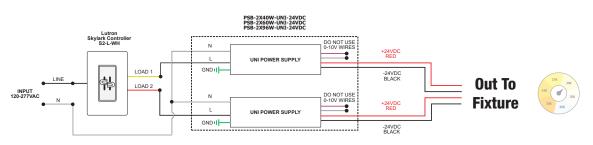
WIRING DIAGRAMS

TRIAC Dimming: Single pole dimming with dual remote universal power supplies with Lutron Skylark controller (sold separately) **ELV Dimming:** Dual ELV dimming with dual ELV remote power supplies. Two ELV dimmers required (sold separately) Dual 0-10V dimming with dual universal remote power supplies. Two 0-10V dimmers required (sold separately) 0-10V Dimming: Power Supply: Remote, Class 2, 24VDC output: 120VAC input | Configuration 1: PSB-2x96W-UNI-24VDC with Remote Power Supply with Lutron Skylark Controller | Configuration 2: PSB-2x60W-UNI-24VDC with Dual ELV Dimmers | Configuration 3: PSB-2x96W-UNI-24VDC with Dual 0-10V Dimming **Dimming**:

Dimmable with Dual ELV Dimmers, Dual 0-10V Dimmers, Single Pole DMX, Single Pole TRIAC.

Configuration 1

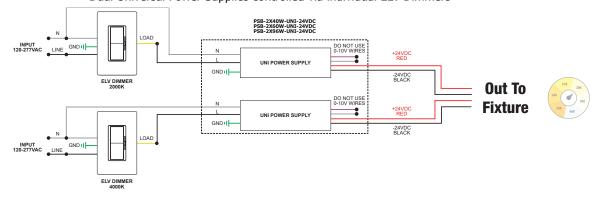
S2-L-WH (TRIAC) Single Pole Dimming with Dual Universal Power Supplies



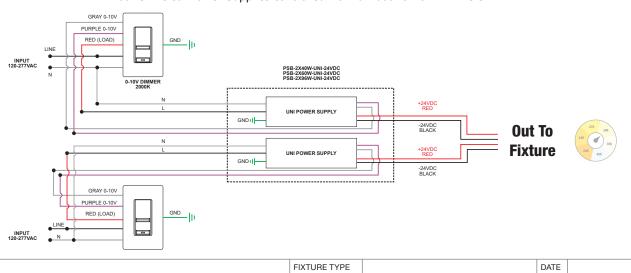
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Configuration 3 Dual Universal Power Supplies controlled via individual 0-10V Dimmers

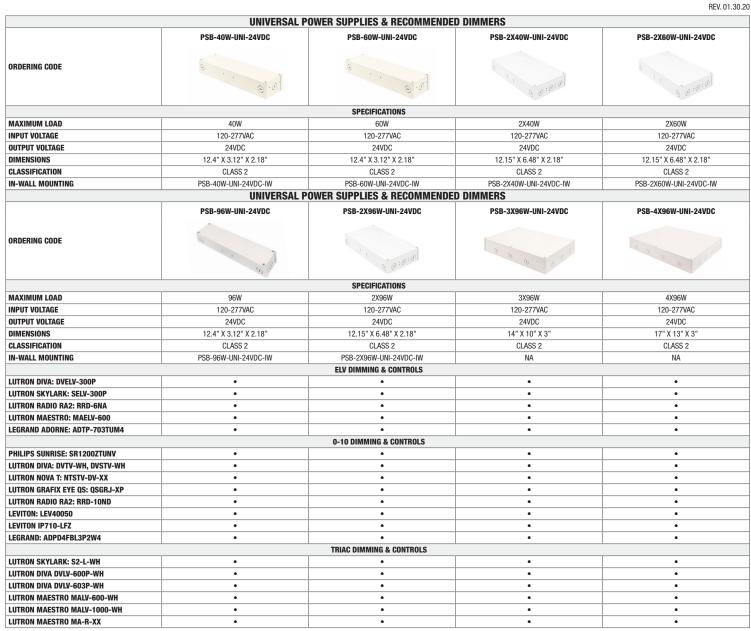


PROJECT

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614 For custom design and layout assistance, send drawings to design@PureEdgeLighting.com

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24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V



· Flicker free dimming

Aluminum casing for optimal heat dissipation

Isolated output power per NEC and UL safety requirements
UL & ETL recognized/ listed, meets UL 8750, 1310 requirements

Auto-reset; short circuit, overload and thermal protection

Class 2 power supply
Efficient, High power factor > 0.90

. The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:

Triac Dimmer : (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers ELV Dimmer : (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's 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.

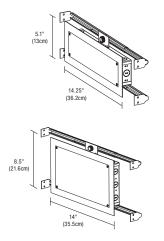
• The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with an ELV LED Low Voltage Drivers.

PROJECT



24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

IN WALL MOUNTING OPTIONS



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.

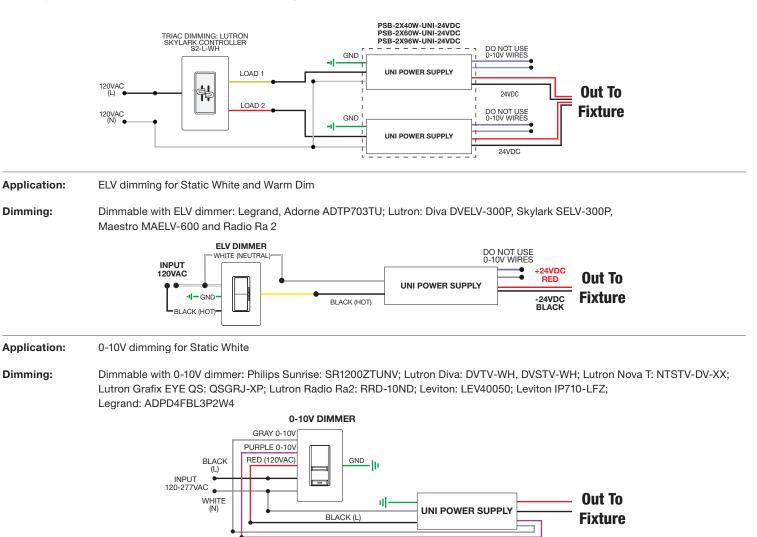
REV. 01.30.20

Ordering Codes 5.1 x 14.25 inch:	PSB-40W-UNI-24VDC-IW PSB-60W-UNI-24VDC-IW PSB-96W-UNI-24VDC-IW
Ordering Codes 8.5 x 14.25 inch:	PSB-2X40W-UNI-24VDC-IW PSB-2X60W-UNI-24VDC-IW PSB-2X96W-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



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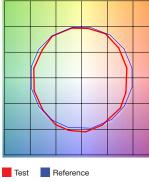
REV 01.30.20

TM-30-15 DATA

The data below is for SS2C and 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.

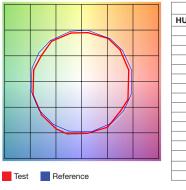
2200K | Rf: 83.9 | Rg: 94.9

Color Vector Graphic



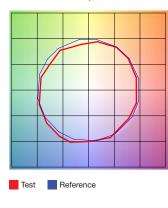
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%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

2700K | Rf: 87.7 | Rg: 96.1 Color Vector Graphic



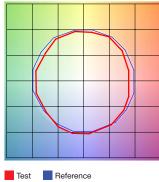
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
 1	86.4	-5.6%	2.3%
2	89.7	-3.3%	3.1%
3	90.5	-1.5%	3.8%
4	90.0	-4.3%	1.1%
5	92.9	-3.7%	0.2%
6	93.5	-2.5%	-0.8%
7	86.3	-7.2%	2.5%
8	90.7	-4.0%	3.2%
9	85.2	-2.4%	8.1%
10	81.7	0.9%	10.8%
11	85.4	4.5%	8.9%
12	88.7	5.7%	-1.4%
13	88.3	1.3%	-7.9%
14	85.1	2.4%	-10.4%
15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

3500K | Rf: 86.1 | Rg: 95.5 Color Vector Graphic



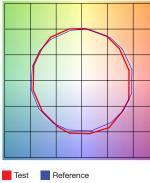
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%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

2400K | Rf: 84.5 | Rg: 94.4 Color Vector Graphic



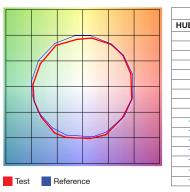
			GRAPHIC	SHIFTS %
HUE	BIN	Rf	CHROMA	HUE
1		81.1	-7.7%	3.0%
2		84.9	-5.7%	4.9%
3		85.3	-2.3%	6.1%
4		87.7	-5.5%	-0.5%
5		92.5	-3.9%	0.5%
6	j	91.1	-3.4%	0.1%
7		86.0	-7.7%	0.5%
8		87.1	-6.0%	4.3%
9)	80.1	-3.9%	9.8%
1	0	79.0	-0.9%	11.8%
1	1	82.3	5.5%	10.1%
1	2	87.6	5.4%	-0.5%
1	3	84.7	3.3%	-12.0%
1	4	78.0	0.8%	-13.7%
1	5	86.9	-5.5%	-4.3%
1	6	78.1	-7.5%	-10.8%

3000K | Rf: 88.1 | Rg: 99.7 Color Vector Graphic



		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%

4000K | Rf: 87.6 | Rg: 96.8 Color Vector Graphic





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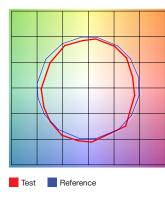
REV 01.30.20

TM-30-15 DATA

The data below is for SS2C and SS5C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

5700K | Rf: 80.3 | Rg: 91.5

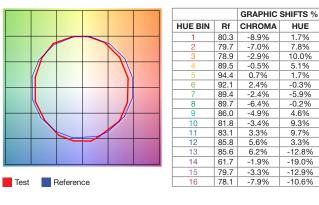
Color Vector Graphic



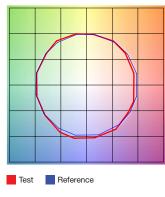
		GRAPHIC SHIFTS %		
HUE BIN	Rf	CHROMA	HUE	
1	73.8	-11.2%	2.6%	
2	83.7	-5.5%	5.8%	
3	84.2	-4.0%	5.5%	
4	85.8	-3.5%	1.3%	
5	85.3	-7.1%	0.6%	
6	89.2	-5.8%	-2.2%	
7	81.5	-10.7%	1.2%	
8	75.7	-9.7%	8.5%	
9	74.9	-7.8%	18.8%	
10	67.8	-1.6%	18.0%	
11	76.1	5.5%	12.0%	
12	90.8	4.9%	-1.6%	
13	83.6	5.0%	-9.5%	
14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

2000K ONLY (2K4K) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

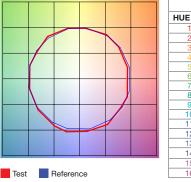


2700D | Rf: 89.5 | Rg: 100.8 Color Vector Graphic



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

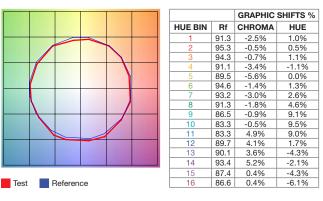
2K4K (3000K) | Rf: 90.2 | Rg: 101.4 Color Vector Graphic



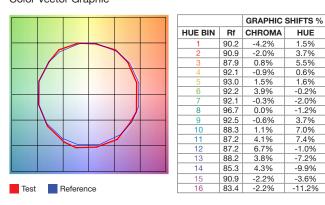
GRAPHIC SHIFTS % HUE BIN Rf CHROMA HUE 90.9 -3.8% 1.3% 91.7 -1.9% 3.3% 88.7 0.7% 5.1% 0.7% 92.4 -1.0% 92.9 0.9% 1.7% 93.1 3.3% -0.6% 91.0 -1.8% -0.4% 97.0 0.2% -1.1% 92.8 -0.5% 3.6% 88.3 1.0% 7.0% 87.1 3.8% 7.8% 12 13 87.6 6.5% -0.3% 89.3 3.6% -6.3% 14 86.1 4.5% -9.1% 91.6 -1.9% -3.1% 83.8 -1.5% -11.2%

4000K ONLY (2K4K) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic



3000D | Rf: 89.8 | Rg: 101.4 Color Vector Graphic



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HUE

1.5%

3.7%

5.5%

0.6%

1.6%

-0.2%

-2.0%

-12%

3.7% 7.0%

7.4%

-1.0%

-7.2%

-9.9%

-3.6%

-11.2%

-4.2%

-2.0%

0.8%

-0.9%

1.5%

3.9%

-0.3%

0.0%

-0.6%

1.1%

4.1%

6.7%

3.8%

4.3%

-2.2%

-2.2%