



TWIGGY D1 DYNAMIC/TUNABLE WHITE VANITY

24VDC REMOTE POWER SUPPLY - VERTICAL OR HORIZONTAL MOUNTING

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 02.14.20



4000K



2000K

DESCRIPTION

The Twiggy Tunable White 2000K to 4000K vanity fixture from PureEdge Lighting, features a 1" white milky diffuser that provides uniform tunable white light. At 5 watts per foot, the 24VDC fixture contains commercial grade 95+ CRI LEDs with a Variable White kelvin color temperature range from 2000K to 4000K. Tunable Twiggy is available in various increments from 12" to 120". The system is powered by a remote Uni Power Supply compatible with TRIAC, ELV or 0-10V dimmers, or Lutron Hi-Lume dimmable Remote Power Supply or DMX. Dimming controls and Power Supplies sold separately.

ELECTRICAL:

Power Supply Options:	24VDC input remote power supply sold separately. Remote UNI Power Supply is Title 24 Compliant.
Input Voltage:	120VAC - 277VAC
Output Voltage:	24VDC Class 2 wiring
Power Consumed:	5 watts per foot
LEDs per Foot:	35 at 2000K, 35 at 4000K, TOTAL = 70
Dimming:	ELV, 010, Triac, DMX, Lutron Hi-Lume® (not included)
Average LED Life:	60,000 hrs

LUMEN PERFORMANCE:

@2700K 4.8W per Foot (See Page 2)

Lumen Output:	236 Lm/Ft
Efficiency:	51 Lm/Ft
CRI:	95+
Beam Angle:	100 degrees

POWER SUPPLY:

The system is powered by Dual Remote 24VDC Universal Power Supplies and can be controlled with a variety of dimmers or controls (Sold Separately, pgs 3-9).

APPROVALS

Damp Location, ETL Listed, Title 24, Class 2 wiring.

PHYSICAL ATTRIBUTES:

Mounting Options: **4SQ** - 4.6" Floating Square Canopy Mounts to standard 4" electrical box with round plaster ring anywhere along the fixture, vertically or horizontally.

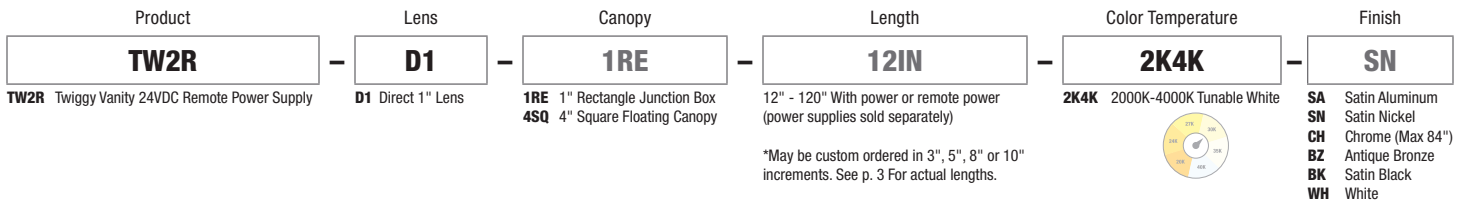
1RE - Floating Rectangular Canopy Mounts to the Slim Profile Junction Box (included) recommend for new construction application.

Ordering Increments*: Order in 2 or 3-inch increments. Static CCT Max Length - 120" at 4.4w/ft Warm Dim Max Length - 118" at 4.4w/ft Chrome Max Length - 84" 4.4w/ft. *See complete ordering increments grid on page 3. *Custom Lengths Available*

Compliance: ADA, ETL Listed, Damp Rated, Title 24 Compliant Warranty: PureEdge's 5-Year Pro-rated warranty is backed by over 30 years of precision lighting manufacturing and design.

APPLICATIONS

Indoor Only: Bathroom Vanity, Architectural Lighting, Task Lighting, General Lighting, Cove, Retail, and Closets



PROJECT	FIXTURE TYPE	DATE
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TWIGGY D1 DYNAMIC/TUNABLE WHITE VANITY

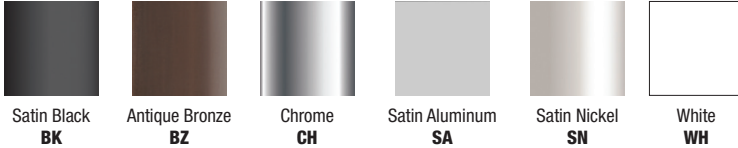
24VDC REMOTE POWER SUPPLY - VERTICAL OR HORIZONTAL MOUNTING

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Nominal Lamp Data: Lamp data for the Twiggy Vanity

DESCRIPTION	TW2R (at 5 watts per ft)					
	TWIGGY VANITY - TUNABLE WHITE					
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K
WATTS	2.5	3.7	4.6	4	3.3	2.6
LUMENS PER FOOT (lm/ft)	154	188	236	209	178	145
LUMENS PER WATT (lm/w)	48	50	51.3	52.4	54.4	56.4
CRI	85+	90+	95+	95+	84	84

FINISHES:



Satin Black
BK



Antique Bronze
BZ



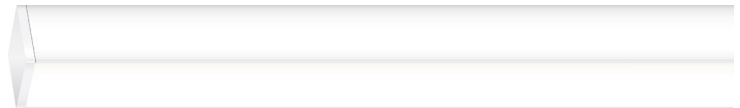
Chrome
CH



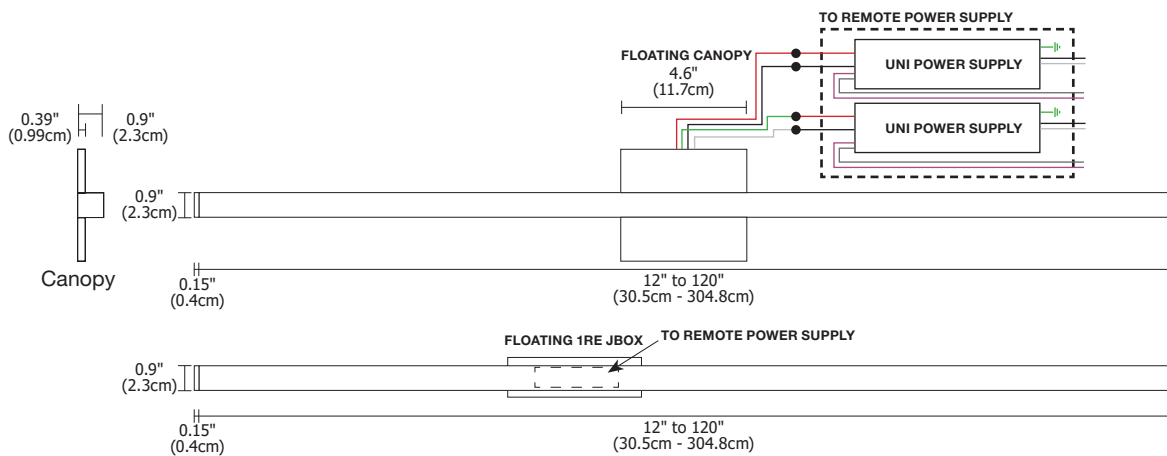
Satin Aluminum
SA



Satin Nickel
SN



White
WH



PROJECT	FIXTURE TYPE	DATE
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TWIGGY D1 DYNAMIC/TUNABLE WHITE VANITY

24VDC REMOTE POWER SUPPLY - VERTICAL OR HORIZONTAL MOUNTING







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LENGTH CHART Please refer to chart below for overall length (with End Caps) for Twiggy D1 Vanity

Ordering Code	Overall Length (Inches)	Total Wattage (at 5 Watt per ft)	Minimum Power Supply (at 5 watts per ft)	Ordering Code	Overall Length (Inches)	Total Wattage (at 5 watts per ft)	Minimum Power Supply (at 5 watts per ft)
12IN	13.1	5	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	68IN	68.3	28	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
15IN	15.5	6	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	70IN	70.7	29	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
17IN	17.9	7	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	72IN	73.1	30	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
20IN	20.3	8	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	75IN	75.5	31	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
22IN	22.7	9	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	77IN	77.9	32	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
24IN	25.1	10	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	80IN	80.3	33	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
27IN	27.5	11	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	82IN	82.7	34	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
29IN	29.9	12	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	84IN (Max shipping length for chrome)	85.1	35	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
32IN	32.3	13	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	87IN	87.5	36	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
34IN	34.7	14	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	89IN	89.9	37	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
36IN	37.1	15	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	92IN	92.3	38	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
39IN	39.5	16	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	94IN	94.7	39	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
41IN	41.9	17	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	96IN	97.1	40	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
44IN	44.3	18	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	99IN	99.5	41	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
46IN	46.7	19	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	101IN	101.9	42	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
48IN	49.1	20	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	104IN	104.3	43	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
51IN	51.5	21	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	106IN	106.7	44	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
53IN	53.9	22	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	108IN	109.1	45	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
56IN	56.3	23	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	111IN	111.5	46	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
58IN	58.7	24	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	113IN	113.9	47	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
60IN	61.1	25	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	116IN	116.3	48	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
63IN	63.5	26	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	118IN	118.7	49	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK
65IN	65.9	27	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK	120IN	121.1	50	PSB-2x40w-UNI-24VDC or PSB-100W-24VDC-2XK

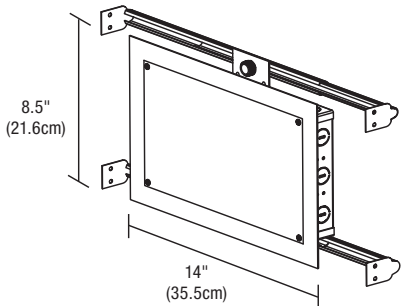
PROJECT		FIXTURE TYPE		DATE	
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UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC	PSB-2X96W-UNI-24VDC-IW	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W
INPUT VOLTAGE	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 ADRNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DDTV-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.

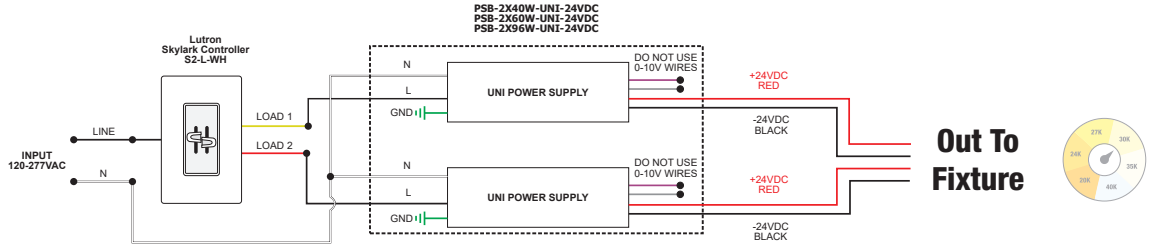
Ordering Codes 8.5 x 14.25 inch: PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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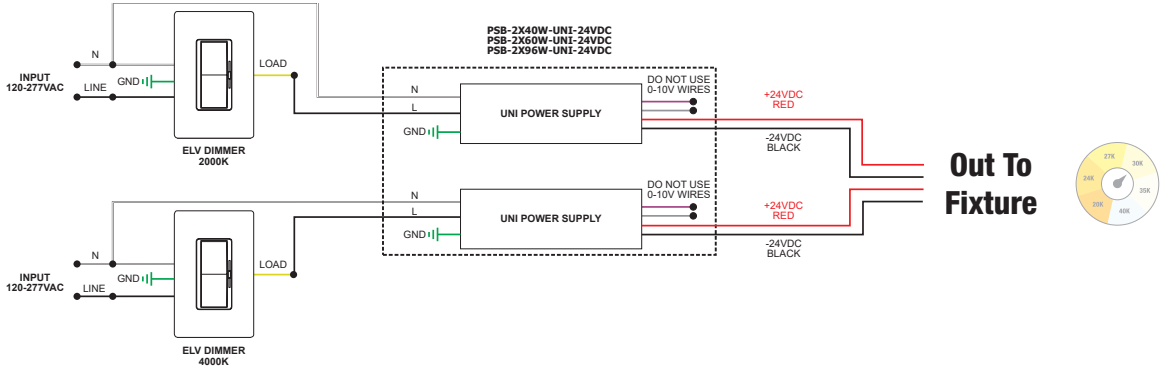
WIRING DIAGRAMS

- 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)
- 0-10V Dimming:** Dual 0-10V dimming with dual universal remote power supplies. Two 0-10V dimmers required (sold separately)
- 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.

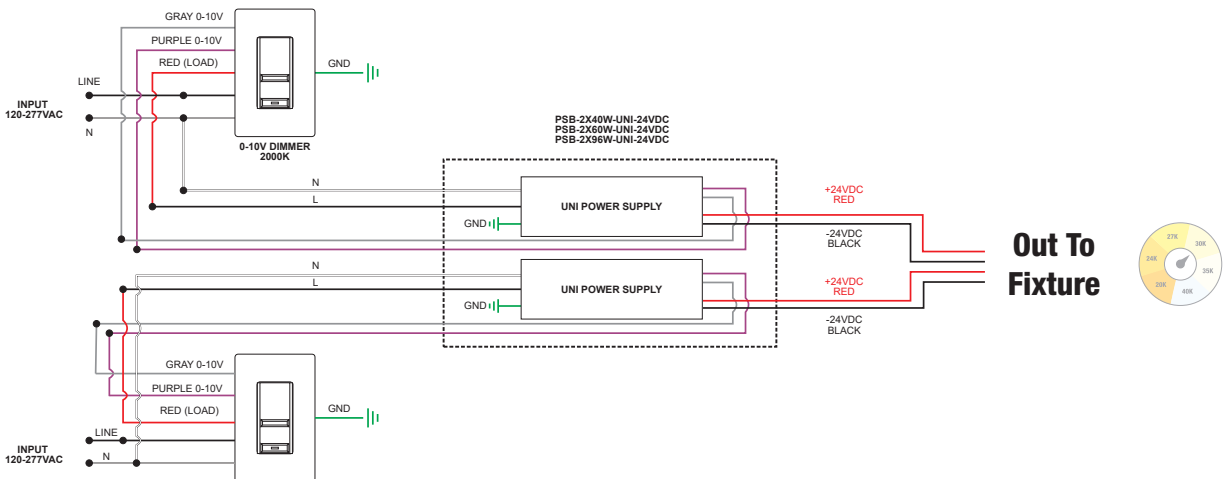
Configuration 1
 S2-L-WH (TRIAC) Single Pole Dimming with Dual Universal Power Supplies



Configuration 2
 Dual Universal Power Supplies controlled via individual ELV Dimmers



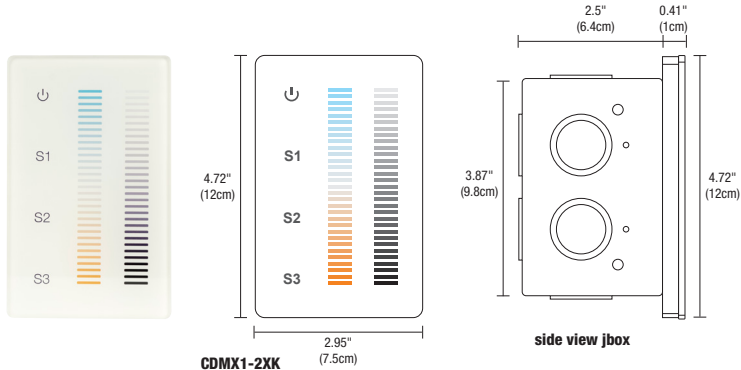
Configuration 3
 Dual Universal Power Supplies controlled via individual 0-10V Dimmers



PROJECT		FIXTURE TYPE		DATE	
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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

Power Input:

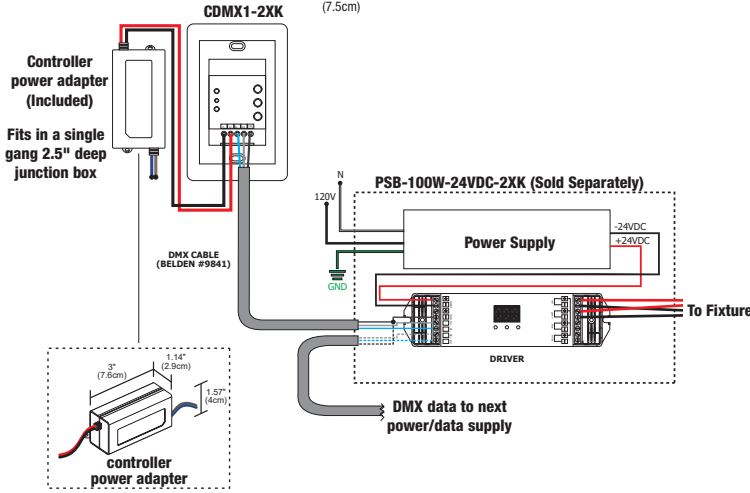
120-240VAC

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)



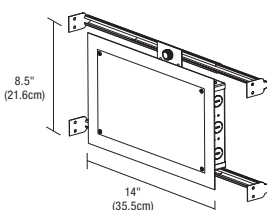
Product	Type	Finish
CDMX1	2XK	WH
CDMX1 DMX Single Zone Touch Controller	2XK 2 X Kelvin	WH White

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS ¹				
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 & CONTROLS				
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	•	•	•	•

- 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



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

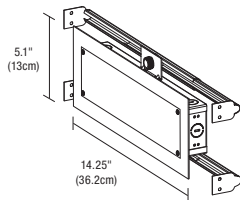
PROJECT		FIXTURE TYPE		DATE	
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ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡				
ORDERING CODES	PSB-60L-ELV-24VDC 	PSB-60W-ELV-24VDC 	PSB-2X60W-ELV-24VDC 	PSB-100W-ELV-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS 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 2.18"	9.25" X 3.5" X 2"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN WALL MOUNTING	N/A	PSB-60W-ELV-24VDC-IW	PSB-2X60W-ELV-24VDC-IW	PSB-100W-ELV-24VDC-IW
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡				
ORDERING CODES	PSB-2X100W-ELV-24VDC 	PSB-3X100W-ELV-24VDC 	PSB-4X100W-ELV-24VDC 	
SPECIFICATIONS				
MAXIMUM LOAD	2X96W	3X96W	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	N/A	N/A	
DIMMING 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.

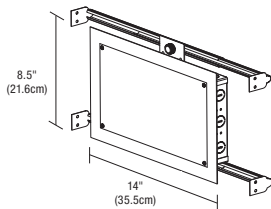
‡Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

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.

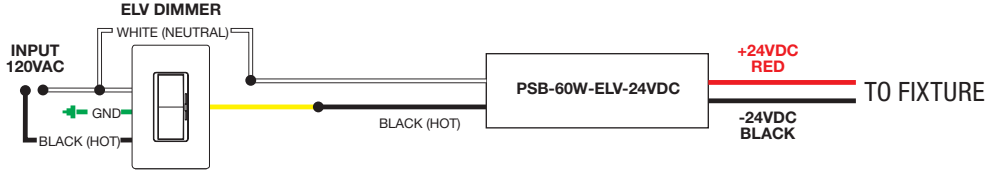
Ordering Codes: PSB-2X60W-ELV-24VDC-IW
PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC ELV

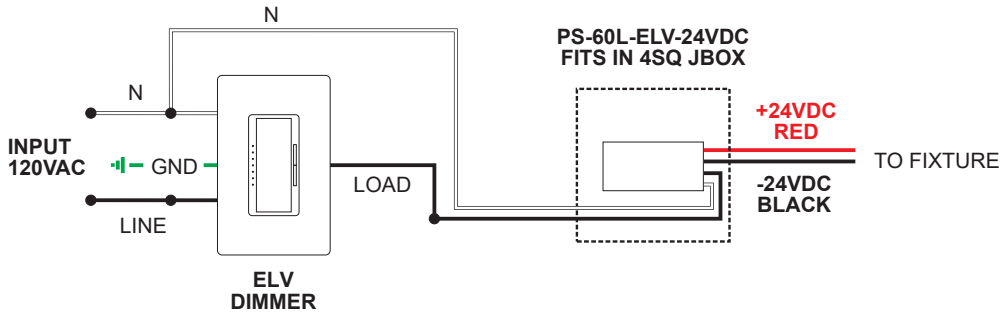
Application: ELV dimming for Static White

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



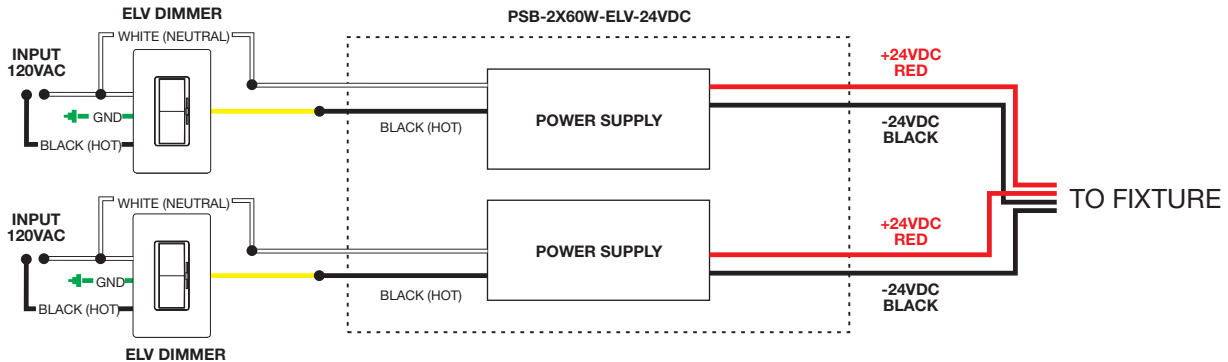
Application: ELV dimming for Static White

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 Dynamic/Tunable White 2000K-4000K

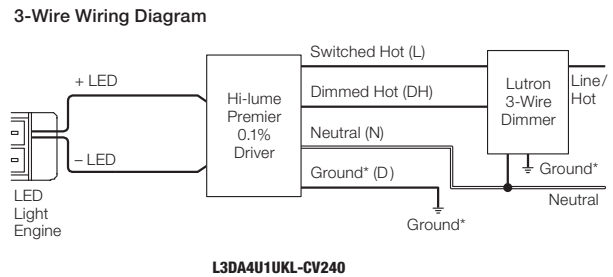
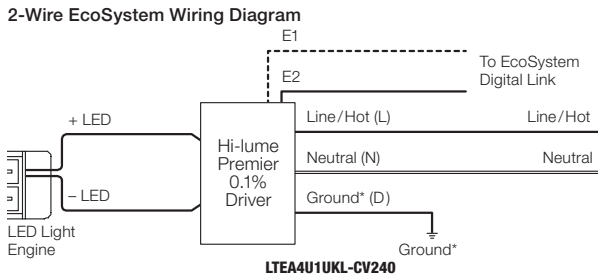
Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



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

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



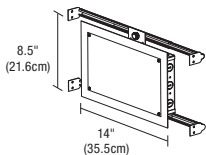
24VDC, DALI

REQUIRED COMPONENTS 24VDC DMX RGB Compatible Power Supplies

DALI DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS†	
ORDERING CODE	PSB-100W-24VDC-DALI 
SPECIFICATIONS	
MAXIMUM LOAD	100W
INPUT VOLTAGE	120-277VAC
OUTPUT VOLTAGE	24VDC
DIMENSIONS	12.14" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2
IN-WALL MOUNTING	PSB-100W-24VDC-DALI-IW
DIMMING & CONTROLS	
TOUCH SCREEN CONTROLLER (CTP)	•
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	•
DALI COMPATIBLE	•

†2400K-5700K 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.

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



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-DALI-IW, PSB-100W-24VDC-RGB-IW

PROJECT	FIXTURE TYPE	DATE
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TWIGGY D1 DYNAMIC/TUNABLE WHITE VANITY

24VDC REMOTE POWER SUPPLY - VERTICAL OR HORIZONTAL MOUNTING

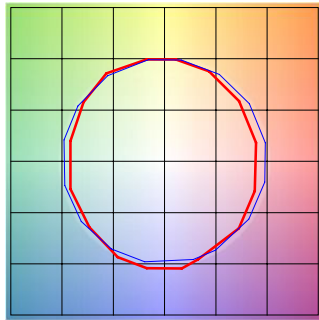
DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 02.14.20

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

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

Color Vector Graphic

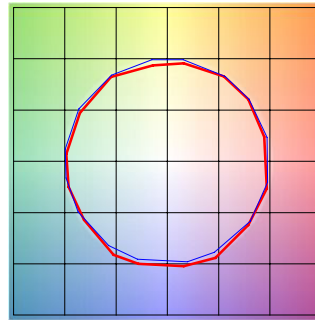


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.3%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

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

Color Vector Graphic

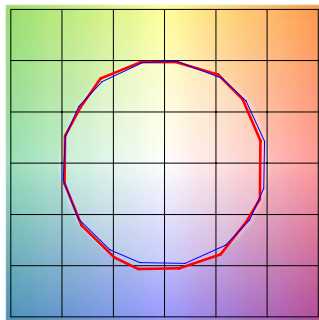


■ Test ■ Reference

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

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

Color Vector Graphic



■ Test ■ Reference

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

PROJECT	FIXTURE TYPE	DATE
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