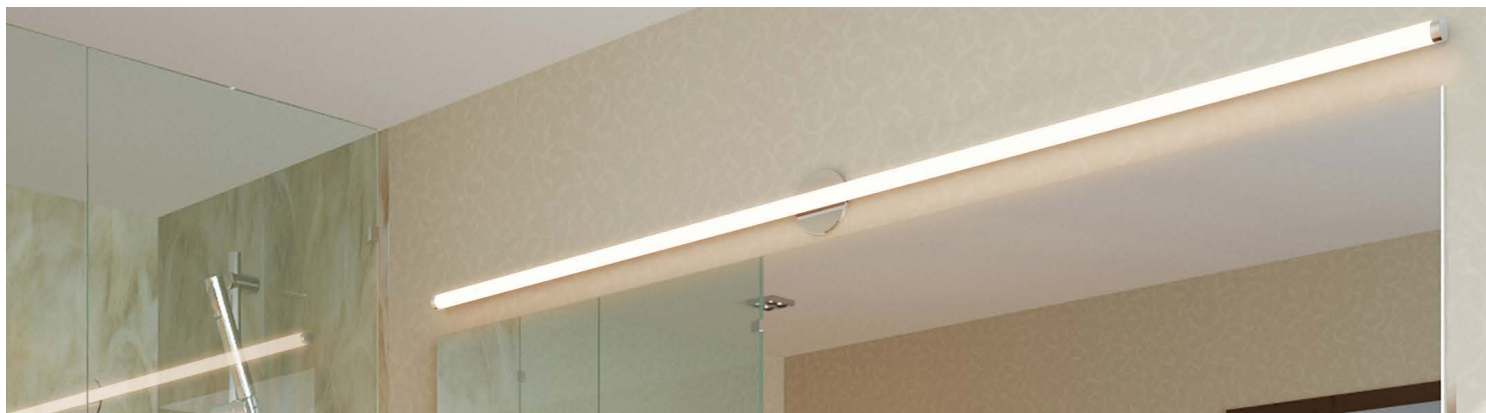


# PIPELINE® 2 WALL/VANITY CENTER FEED

## REMOTE 24VDC POWER SUPPLY, DYNAMIC/TUNABLE WHITE TECHNOLOGY



### DESCRIPTION

The Pipeline 2 Vanity with Floating Canopy and Dynamic/Tunable White is a slender yet powerful linear LED with multiple finish and hardware options making it the perfect fixture for almost any environment, including minimal and transitional spaces. Using the latest in LED Technology Dynamic/Tunable White, you can effortlessly control the color temperature from 2000K (Sunset) to 4000K (Cool White) and regulate the level of brightness independently. Use with two dimmers (One for 2000K and One for 4000K, Ordered Separately) or our proprietary Tunable White Controller for fast and accurate adjustment with three preset scenes (Ordered separately). Available in four fine metal finishes and two styles of canopy. The 280° diffused white lens provides clean, uninterrupted illumination in all directions and is available in many standard incremental lengths up to 120". Pipeline center feed vanity features a Floating canopy which allows the fixture to be mounted anywhere along the length for off center electrical junction boxes. The universal 24VDC Class 2 remote power supply is required and sold separately. For custom lengths and finishes email our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### SPECIFICATIONS

**Power Supply** - 24VDC Remote, Class 2 power supply (Sold Separately)

**Power Consumed** - 5 Watts per foot

**Performance** - Up to 641 Lumens per foot

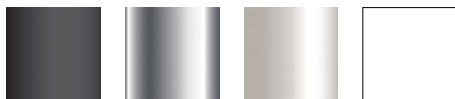
### MOUNTING OPTIONS

Fixture mounts horizontally or vertically. Floating Canopy can mount anywhere along the length of the channel to accommodate off-center junction boxes.

**C1R** - Reveals only the slightest outline of the canopy that mounts to a Slim Profile junction box (included) recommended for new construction application

**C4R** - Round 4.6" Canopy mounts to a standard 4" junction box

### FINISHES



Satin Black  
**BK**

Chrome  
**CH**

Satin Nickel  
**SN**

White  
**WH**

System	Wattage	Canopy Type	Lens Length (Inches)	Color Temperature	Finish
<b>P2WDR</b>	<b>5W</b>	<b>C4R</b>	<b>120</b>	<b>2K4K</b>	<b>SN</b>
<b>P2WDR</b> Pipeline 2 Wall Vanity with Remote Power Supply	<b>5W</b> 5 Watts	<b>C1R</b> Center Feed 1" Rectangular JBox and Canopy <b>C4R</b> Center Feed, 4.6" Round Canopy	12, 15, 17, 20, 22, 24, 27, 29, 32, 34, 36, 39, 41, 44, 46, 48, 51, 53, 56, 58, 60, 63, 65, 68, 70, 72, 75, 77, 80, 82, 84, 87, 89, 92, 94, 96, 99, 101, 104, 106, 108, 111, 113, 116, 118, 120 <small>*84" Maximum length for Chrome **Ordering code refers to Lens Length Only. See actual dimensions on page 2.</small>	<b>2K4K</b> 2000K-4000K Dynamic/Tunable White 	<b>BK</b> Satin Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White

### ORDERING

- Standard Length Options from 12"-120"
- Ordering refers to Lens Lengths- see page 2 for Overall Fixture Dimensions
- Custom Lengths Available

### LENS

- Diffused White 280° Lens, 174° beam angle

### LAMPING

- Tunable White: 2000K-4000K (**2K4K**) allows you to choose any color temperature from 2000K (sunset) to 4000K (cool white) and Dim to any level of Brightness independently
- Designer-grade Color Rendering 95+CRI
- 50,000 Hour Lamp Life

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

- Dynamic/Tunable White: Requires two dimmers (one for 2000K and one for 4000K) or use our proprietary Tunable White Controller CDMX-1
- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V) with corresponding dimmer
- DMX: Dynamic Color Changing
- Lutron Hi-Lume®

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

### APPLICATIONS

Designed for Indoor and Damp Locations- Ideal applications in Residential, Commercial, and Hospitality Environments, including Bathroom Vanities, Resort Spas, Health Clubs, and Hotels.

### COMPLIANCE & WARRANTY

5-Year pro-rated warranty. Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Title 24 , Assembled in America.

### CONFIGURATOR

Use our Configurator to see List Price, Complete Ordering Code and Overall Length. [Pipeline 2 Wall Vanity Configurator](#)

PROJECT		FIXTURE TYPE		DATE	
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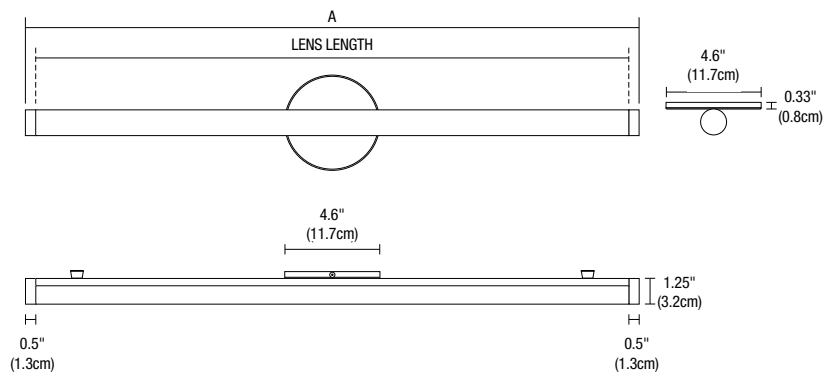
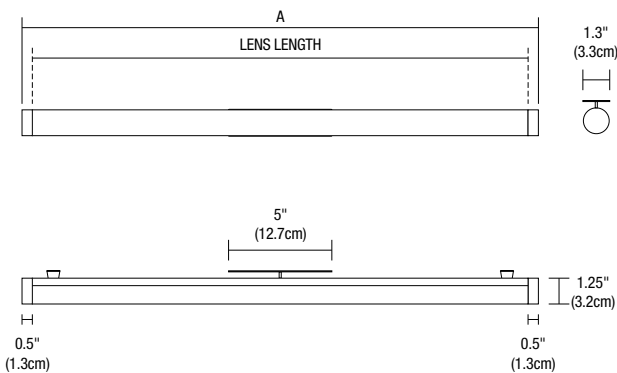
# PIPELINE® 2 WALL/VANITY CENTER FEED

REMOTE 24VDC POWER SUPPLY, DYNAMIC/TUNABLE WHITE TECHNOLOGY

## OVERALL DIMENSIONS (INCHES)

TUNABLE WHITE				
Ordering Code Example	Lens Length	Overall Length Dimension 'A'	Total Wattage (5W)	Total Lumens 3000K (5W)
12	12	13	5	451
20	19.2	20.2	8	714
24	24	25	10	892
29	28.8	29.8	12	1071
32	31.2	32.2	13	1060
36	36	37	15	1339
41	40.8	41.8	17	1518
48	48	49	20	1785
51	50.4	51.4	21	1875
60	60	61	25	2232
72	72	73	30	2678
96	96	97	40	3571
120	120	121	50	4464

\*7W Max Length \*Maximum length for Chrome is 84"



## LAMP DATA Lamp Data for Pipeline 2 Wall Vanity - Center Feed

DESCRIPTION	PIPELINE VANITY						
	TUNABLE WHITE						
	5W (5 Watts)						
WATTS PER FOOT							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	347	386	429	471	414	590	641
LUMENS PER WATT (lm/w)	79	88	97	107	117	134	146
CRI	85+	90+	95+	90+	95+	95+	95+

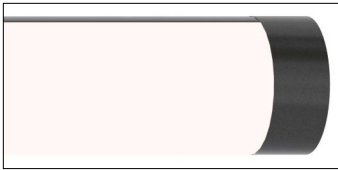
PROJECT		FIXTURE TYPE		DATE	
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# PIPELINE® 2 WALL/VANITY CENTER FEED

REMOTE 24VDC POWER SUPPLY, DYNAMIC/TUNABLE WHITE TECHNOLOGY



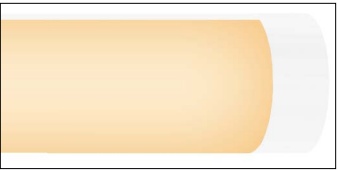
CHROME FINISH AT 4000K



SATIN BLACK FINISH AT 3000K



SATIN NICKEL FINISH AT 2700K



WHITE FINISH AT 2000K

## FINISHES



P2WDR-5W-C4R-32-2K4K-BK | SHOWN AT 2400K



P2WDR-5W-C4R-32-2K4K-SN | SHOWN AT 2400K



P2WDR-5W-C4R-32-2K4K-CH | SHOWN AT 2700K



P2WDR-5W-C1R-32-2K4K-WH | SHOWN AT 2700K



P2WDR-5W-C1R-32-2K4K-BK | SHOWN AT 3000K



P2WDR-5W-C1R-32-2K4K-SN | SHOWN AT 3000K



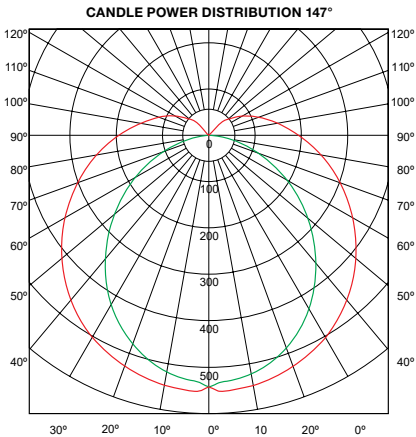
P2WDR-5W-C1R-32-2K4K-CH | SHOWN AT 3500K



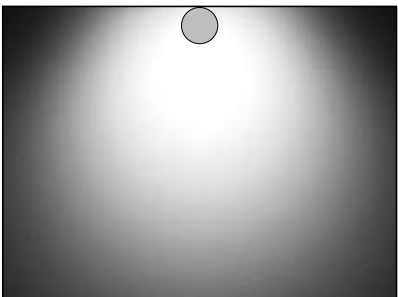
P2WDR-5W-C1R-32-2K4K-WH | SHOWN AT 3500K

### 8' CHANNEL | 174° BEAM SPREAD | 3000K

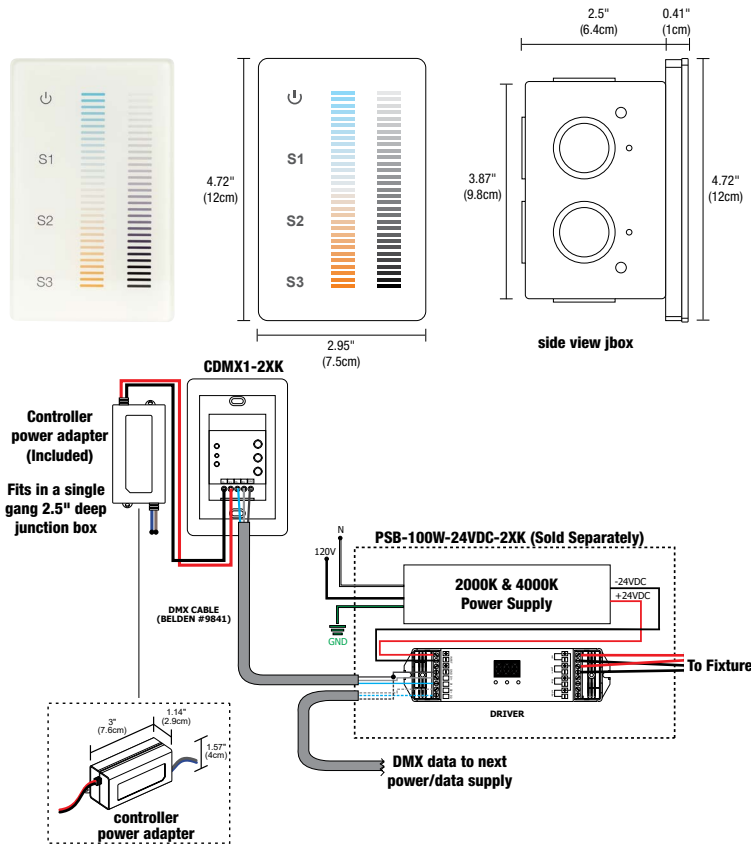
5 Watts 174°	
Distance	Foot Candles
1'	201
1.5'	134
2'	102
3'	68
4'	49
5'	37
6'	29
7'	23
8'	18



### PIPELINE 2 - 147° Beam Spread



PROJECT		FIXTURE TYPE		DATE	
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### DESCRIPTION:

The Dynamic/Tunable White (**2K4K**) 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 Dynamic/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 **4000K (Cool White)** while selecting over **250 levels** of Brightness in a smooth, uninterrupted transition. Create Thousands of Dynamic 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 inch deep junction box. Not compatible with multi-gang boxes.

### LABELS:





ROHS, FCC, Damp Location, ETL/UL

### POWER INPUT:

120-240VAC

Product	Type	Finish
<b>CDMX1</b>	<b>2XK</b>	<b>WH</b>
CDMX1 DMX Single Zone Touch Controller	2XK 2 X Kelvin	WH White

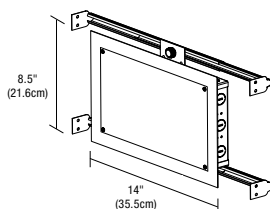
### DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS\*

ORDERING CODE	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
				
SPECIFICATIONS				
MAXIMUM LOAD OF LED STRIP LENGTH	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.
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

### 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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# UNI INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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

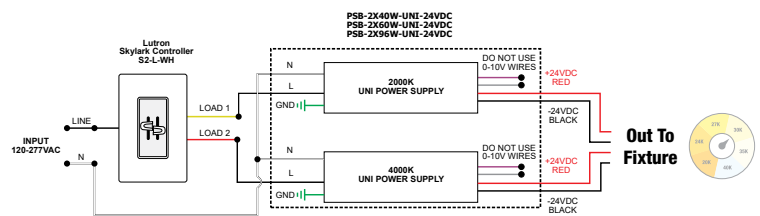
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
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 ADORNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTW-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIK 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.

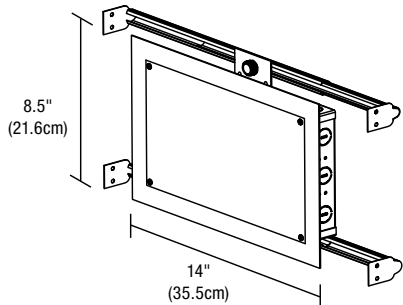
### MAXIMUM LENGTH

POWER SUPPLY	5 WATTS	10 WATTS
PSB-2X40W-UNI-24VDC	8 FEET	4 FEET
PSB-2X60W-UNI-24VDC	12 FEET	6 FEET
PSB-2X96W-UNI-24VDC	20 FEET	10 FEET



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

### 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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# INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, LUTRON ECOSYSTEM

REV 09.24.20

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	•	•	•

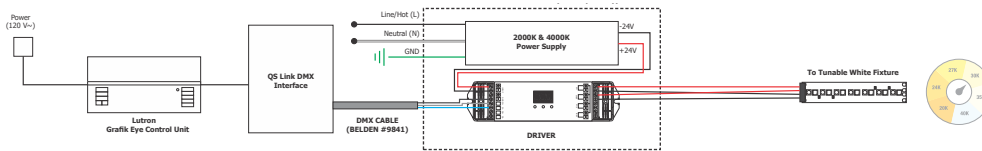
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-Lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

\*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.

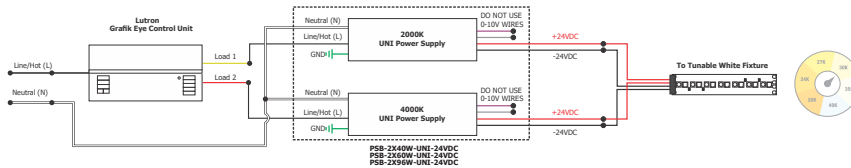
\*\*Tunable White (2K4K) uses one or two power supplies, dependent on the controller or dimmer(s) used.

Lutron Hi-Lume® can be used in both single or dual power formats, dependent on the controller or dimmer(s). Specify amount of Power Supplies based on this.

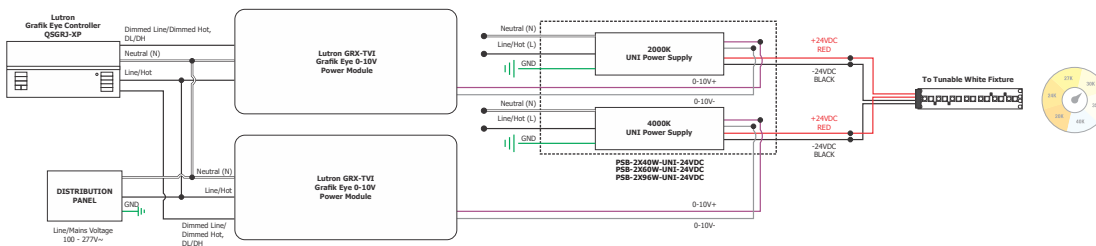
## WIRING DIAGRAM: DMX Control with Lutron Grafik Eye Control Unit



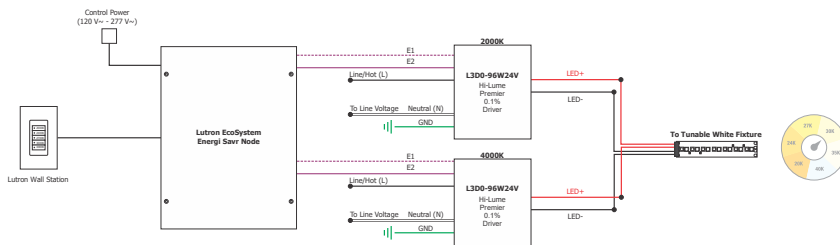
## WIRING DIAGRAM: Line Voltage Dimming with Lutron Grafik Eye Control Unit



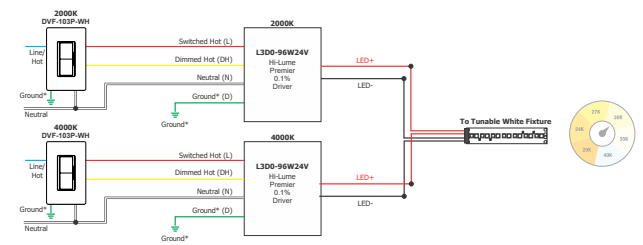
## WIRING DIAGRAM: 0-10V Dimming with Lutron Grafik Eye Control Unit or Wall box controller



## WIRING DIAGRAM: 2-Wire EcoSystem Panel



## WIRING DIAGRAM: 3-Wire EcoSystem Wall Box



PROJECT	FIXTURE TYPE	DATE
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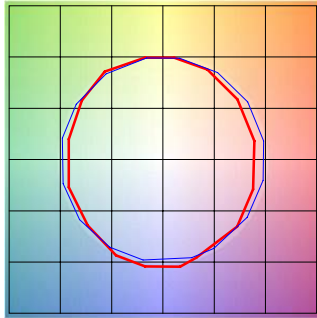
# WALL TM30 DATA

REMOTE 24VDC POWER SUPPLY, DYNAMIC/TUNABLE WHITE TECHNOLOGY

**TM-30-15 DATA:** The data below is for 2K4K Dynamic/Tunable White bare LED Soft Strip. 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

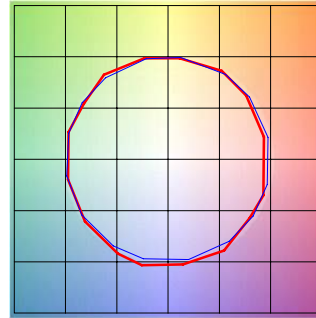


■ Test ■ Reference

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

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

Color Vector Graphic

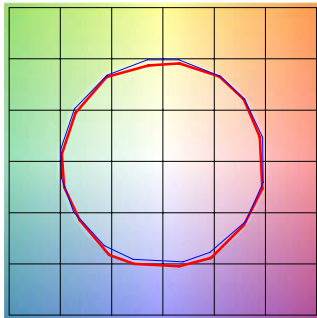


■ Test ■ Reference

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

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

Color Vector Graphic



■ Test ■ Reference

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

PROJECT		FIXTURE TYPE		DATE	
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