

PIPELINE® STEM MOUNTED WALL WASH STRAIGHT RUN

24VDC - WITH REMOTE POWER, CEILING / WALL / TABLE MOUNT, EQUAL LENGTH SEGMENTS

DESIGNED BY GREGORY KAY | MANUFACTURED IN AMERICA | US PATENT ISSUED

REV 10.16.20



DESCRIPTION

The Pipeline Stem Mount is a patented and innovative rotatable wall wash that will mount to ceilings, walls and tables. Reinventing the architectural wall wash solution, the 360° Rotation allows you to effortlessly fine-tune the beam angle delivering a clean, uninterrupted stream of light. Highly customizable, the Pipeline Wall Wash is available in lengths from 14 inches to over 38 feet (14"-456") and nine standard Color Temperatures, including Warm Dim (27D) 2700K or (30D) 3000K that dim down to 2000K. Available in 5, 7, or 10 watts capable of delivering up to 827 lumens per foot using our Designer-grade High CRI (color rendering) LEDs. Precision engineered, the hardware and Metal finishes form a seamless design with unparalleled performance. Remote Power Supplies are sold separately. Fixture includes a 5 year pro-rated warranty. For Custom Finishes, Designs, Quotes and Layout Assistance, send drawings to design@PureEdgeLighting.com. Made in America. Designed By Gregory Kay.

FIXTURE SPECIFICATIONS

ELECTRICAL:

VOLTAGE:	120/277VAC - 24VDC
REMOTE POWER SUPPLY:	Power Up to 60ft away
DIMMING:	ELV 60W NIC (50W IC) power supply fits in Jbox Universal Dimming (ELV, Triac, 0-10V) Lutron Ecosystem®
POWER CONSUMED PER FT:	5W - 5 watts per ft, 7W - 7.5 watts per ft, 10W - 10 watts per ft
LED OPTIONS:	Static White 35 LEDs/ft, Warm Dim 70 LEDs/ft
APPROVALS:	ETL Listed, Indoor, Class 2 Wiring, Title 24
WARRANTY:	5 Year Pro-rated Warranty

FINISHES



LUMEN PERFORMANCE

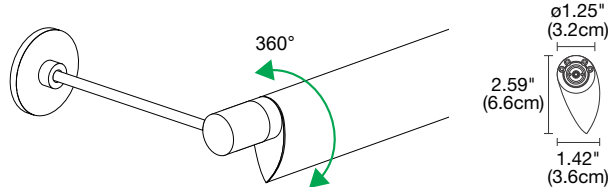
Pipeline 1 Channel @3000k 9.6W Per Linear Foot
(See Page 4-5 for Comprehensive Lumen Performance 22K-57K)

CRI:	95+
LUMEN OUTPUT:	664.9 lm/ft.
EFFICIENCY:	69.3 lm/w
R9:	85
LENS:	Diffused Asymmetric Wall Wash lens for uniform beam spread Black or White Louvers Available
BEAM ANGLE/REFLECTORS:	Specification grade, highly reflective and minimally diffused provides wide, uniform beam with optimized intensity, minimal glare and maximum operating efficiency.
LUMEN MAINTENANCE:	50,000 hrs.
COLOR TEMP:	22K / 24K / 27K / 30K / 35K / 40K / 57K / WARM DIM OPTIONS 27D OR 30D
LED BINNING:	3 Phase Binning for consistent color throughout

PHYSICAL

DIMENSIONS:	1.42" wide x 2.60" high
TYPE:	Wall, Ceiling & Table Top Mount
INCREMENTS:	Up 76" per linear sections (see page 3-4 for exact lengths)
MATERIAL:	Precision formed extruded and Die-cast Aluminum, Rigid Aluminum Stem, High performance thermal conductive 5oz copper circuit board
FIXTURE SWIVEL:	360°
OPERATING TEMPERATURE:	-20°C (-40°F) to 50°C (122°F)

PIPELINE CHANNEL IS FULLY ROTATABLE 360°



System	Wattage Per Foot*	Canopy Size and Type	Stem Length	Overall Length in Inches	Color Temperature	Finish
PW	10W	2R	14	192	30K	SN
PW Pipeline Wall Wash, Asymmetrical Lens	5W 5 Watts (38ft max length) 7W 7.5 Watts (28ft max length) 10W 10 Watts (21ft max length)	2R 2.6" Round Canopy 4R 4.6" Round Canopy TP Table mount Power feed through 2" RD Canopy	6 6" Stem from Wall or Ceiling 10 10" Stem from Wall or Ceiling 14 14" Stem from Wall or Ceiling 24* 24" Stem from Wall or Ceiling 48* 48" Stem from Wall or Ceiling XX Custom Stem Length up to 96"	14-456 14" - 456"	22K 2200K 24K 2400K 27K 2700K 27D* 2700K Warm Dim 30K 3000K 30D* 3000K Warm Dim 35K 3500K 40K 4000K 57K 5700K *Warm Dim 5 Watt Only	BK Satin Black CH Chrome SN Satin Nickel WH White BB Satin Brass with Black Canopy BW Satin Brass with White Canopy XX Custom, please specify
PWW Pipeline Wall Wash, Asymmetrical Lens, White Louver						

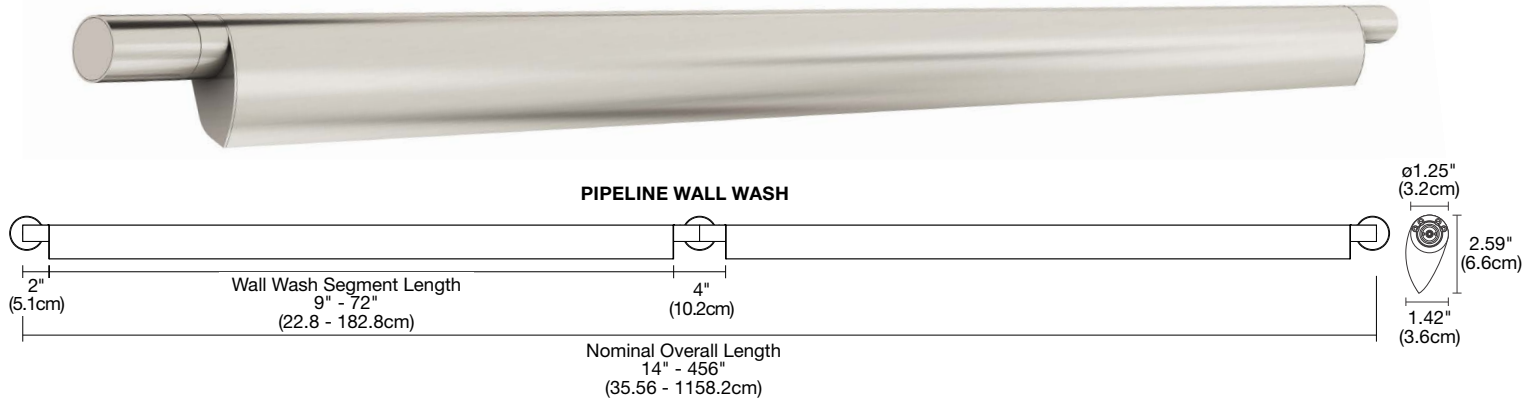
Order up to:
38ft for 5 watt, 28ft for 7 watt or 21ft for 10 watt.
See Pages 2-3 for length chart

PROJECT	FIXTURE TYPE	DATE
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PIPELINE® STEM MOUNTED WALL WASH STRAIGHT RUN

24VDC - WITH REMOTE POWER, CEILING / WALL / TABLE MOUNT, EQUAL LENGTH SEGMENTS

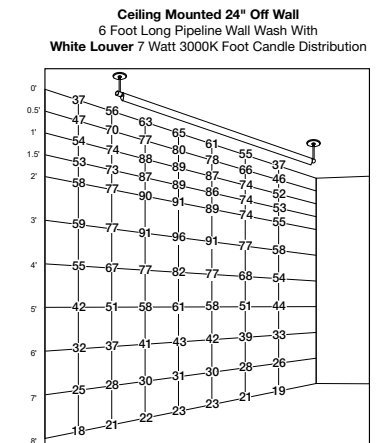
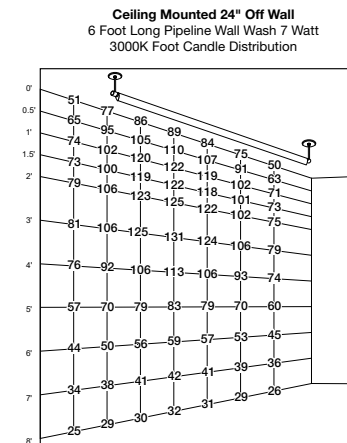
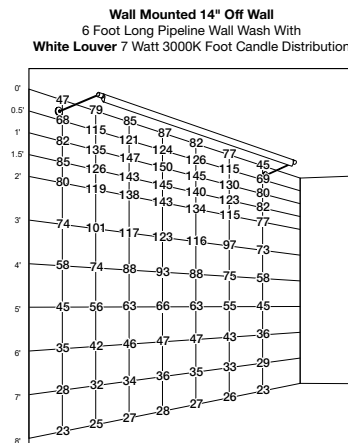
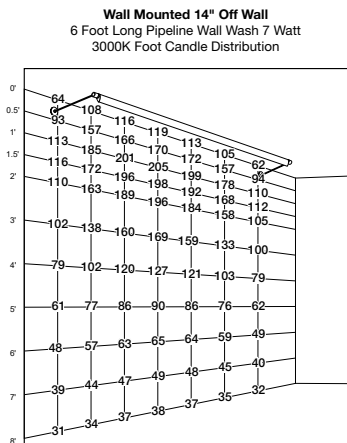
WALL WASH



DESCRIPTION	PW																				
	WALL WASH																				
	5W (5 Watts)					7W (7.5 Watts)					10W (10 Watts)										
WATTS PER FOOT	5W (5 Watts)					7W (7.5 Watts)					10W (10 Watts)										
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	296	329	361	395	452	491	523	484	537	590	645	738	803	854	602	668	734	803	919	999	1063
LUMENS PER WATT (lm/w)	67	75	82	90	103	112	119	66	74	81	88	101	110	117	63	70	76	84	96	104	111
CRI	85+	95+	95+	95+	90+	90+	84	85+	90+	95+	95+	90+	90+	84	85+	90+	95+	95+	90+	90+	84

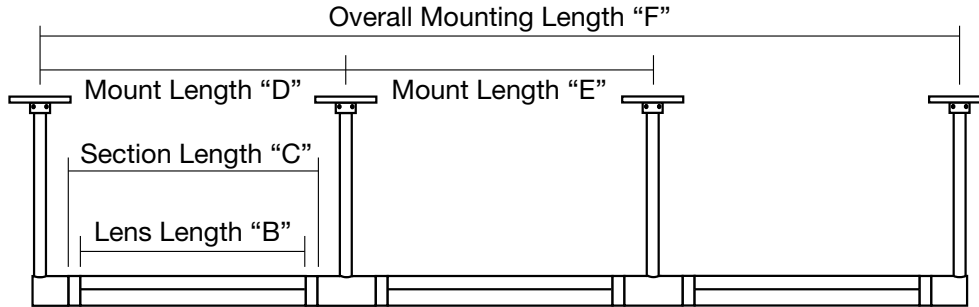
DESCRIPTION	PWW																				
	WALL WASH WITH WHITE LOUVER																				
	5W (5 Watts)					7W (7.5 Watts)					10W (10 Watts)										
WATTS PER FOOT	5W (5 Watts)					7W (7.5 Watts)					10W (10 Watts)										
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	219	243	267	292	334	364	387	358	397	437	477	546	594	632	445	494	543	594	680	739	787
LUMENS PER WATT (lm/w)	50	55	61	66	76	83	88	49	54	60	65	75	81	87	46	52	57	62	71	77	82
CRI	85+	95+	95+	95+	90+	90+	84	85+	90+	95+	95+	90+	90+	84	85+	90+	95+	95+	90+	90+	84

DESCRIPTION	PW 2K4K										PWW 2K4K																	
	WALL WASH TUNABLE WHITE										WALL WASH TUNABLE WHITE WITH WHITE LOUVERS																	
	7W (7.5 Watts)					10W (10 Watts)					7W (7.5 Watts)					10W (10 Watts)												
WATTS PER FOOT	7W (7.5 Watts)					10W (10 Watts)					7W (7.5 Watts)					10W (10 Watts)												
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	301	320	338	357	387	399	411	602	668	734	803	919	999	1063	589	623	656	690	749	765	782	436	461	486	511	554	566	579
LUMENS PER WATT (lm/w)	66	70	74	78	84	87	89	63	70	76	84	96	104	111	64	68	71	75	81	83	85	47	50	53	56	60	62	63
CRI	85+	90+	95+	95+	90+	90+	84	85+	90+	95+	95+	90+	90+	84	85+	90+	95+	95+	90+	90+	84	85+	90+	95+	95+	90+	90+	84



PROJECT	FIXTURE TYPE	DATE
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LENGTH CHART



SECTIONS	5W WATTAGE	7W WATTAGE	10W WATTAGE	NOMINAL LENGTH	OVERALL LENGTH "A"	LIT LENGTH "B"	SECTION LENGTH "C"	BEGIN MOUNT LENGTH "D"	MIDDLE MOUNT LENGTH "E"	OVERALL MOUNT LENGTH "F"
1	4	6	8	14	13.6	9.6	10.6	N/A	N/A	12.975
1	4	7	10	16	16	12	13	N/A	N/A	15.375
1	5	9	12	18	18.4	14.4	15.4	N/A	N/A	17.775
1	6	10	13	21	20.8	16.8	17.8	N/A	N/A	20.175
1	7	12	15	23	23.2	19.2	20.2	N/A	N/A	22.575
1	8	13	17	26	25.6	21.6	22.6	N/A	N/A	24.975
1	9	15	19	28	28	24	25	N/A	N/A	27.375
1	10	16	21	30	30.4	26.4	27.4	N/A	N/A	29.775
1	11	18	23	33	32.8	28.8	29.8	N/A	N/A	32.175
1	11	19	25	35	35.2	31.2	32.2	N/A	N/A	34.575
1	12	20	27	38	37.6	33.6	34.6	N/A	N/A	36.975
1	13	22	29	40	40	36	37	N/A	N/A	39.375
1	14	23	31	42	42.4	38.4	39.4	N/A	N/A	41.775
1	15	25	33	45	44.8	40.8	41.8	N/A	N/A	44.175
1	16	26	35	47	47.2	43.2	44.2	N/A	N/A	46.575
1	17	28	36	50	49.6	45.6	46.6	N/A	N/A	48.975
1	18	29	38	52	52	48	49	N/A	N/A	51.375
1	18	31	40	54	54.4	50.4	51.4	N/A	N/A	53.775
1	19	32	42	57	56.8	52.8	53.8	N/A	N/A	56.175
1	20	34	44	59	59.2	55.2	56.2	N/A	N/A	58.575
1	21	35	46	62	61.6	57.6	58.6	N/A	N/A	60.975
1	22	37	48	64	64	60	61	N/A	N/A	63.375
1	23	38	50	66	66.4	62.4	63.4	N/A	N/A	65.775
1	24	39	52	69	68.8	64.8	65.8	N/A	N/A	68.175
1	25	41	54	71	71.2	67.2	68.2	N/A	N/A	70.575
1	26	42	56	74	73.6	69.6	70.6	N/A	N/A	72.975
1	26	44	58	76	76	72	73	N/A	N/A	75.375
2	28	47	61	85	84.8	38.4	39.4	42.0875	N/A	84.175
2	30	50	65	90	89.6	40.8	41.8	44.4875	N/A	88.975
2	32	53	69	94	94.4	43.2	44.2	46.8875	N/A	93.775
2	33	55	73	99	99.2	45.6	46.6	49.2875	N/A	98.575
2	35	58	77	104	104	48	49	51.6875	N/A	103.375
2	37	61	81	109	108.8	50.4	51.4	54.0875	N/A	108.175
2	39	64	84	114	113.6	52.8	53.8	56.4875	N/A	112.975
2	40	67	88	118	118.4	55.2	56.2	58.8875	N/A	117.775

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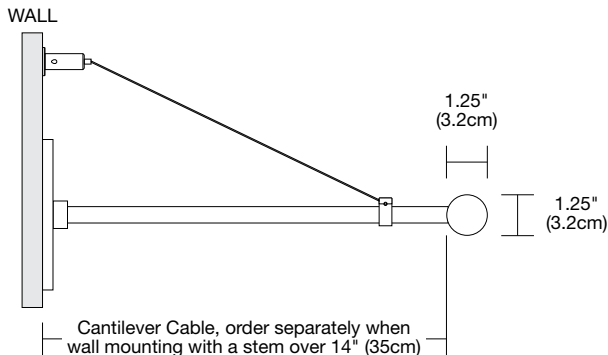
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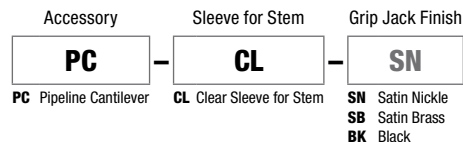
LENGTH CHART

SECTIONS	5W WATTAGE	7W WATTAGE	10W WATTAGE	NOMINAL LENGTH	OVERALL LENGTH "A"	LIT LENGTH "B"	SECTION LENGTH "C"	BEGIN MOUNT LENGTH "D"	MIDDLE MOUNT LENGTH "E"	OVERALL MOUNT LENGTH "F"
2	42	70	92	123	123.2	57.6	58.6	61.2875	N/A	122.575
2	44	73	96	128	128	60	61	63.6875	N/A	127.375
2	46	76	100	133	132.8	62.4	63.4	66.0875	N/A	132.175
2	48	79	104	138	137.6	64.8	65.8	68.4875	N/A	136.975
2	49	82	108	142	142.4	67.2	68.2	70.8875	N/A	141.775
2	51	85	111	147	147.2	69.6	70.6	73.2875	N/A	146.575
2	53	88	115	152	152	72	73	75.6875	N/A	151.375
3	55	92	121	163	163.2	50.4	51.4	54.0875	54.4	162.575
3	58	96	127	170	170.4	52.8	53.8	56.4875	56.8	169.775
3	61	101	132	178	177.6	55.2	56.2	58.8875	59.2	176.975
3	63	105	138	185	184.8	57.6	58.6	61.2875	61.6	184.175
3	66	110	144	192	192	60	61	63.6875	64	191.375
3	69	114	150	199	199.2	62.4	63.4	66.0875	66.4	198.575
3	71	118	156	206	206.4	64.8	65.8	68.4875	68.8	205.775
3	74	123	161	214	213.6	67.2	68.2	70.8875	71.2	212.975
3	77	127	167	221	220.8	69.6	70.6	73.2875	73.6	220.175
3	79	131	173	228	228	72	73	75.6875	76	227.375
4	81	134	177	237	236.8	55.2	56.2	58.8875	59.2	236.175
4	84	140	184	246	246.4	57.6	58.6	61.2875	61.6	245.775
4	88	146	192	256	256	60	61	63.6875	64	255.375
4	92	152	200	266	265.6	62.4	63.4	66.0875	66.4	264.975
4	95	158	207	275	275.2	64.8	65.8	68.4875	68.8	274.575
4	99	164	215	285	284.8	67.2	68.2	70.8875	71.2	284.175
4	102	169	223	294	294.4	69.6	70.6	73.2875	73.6	293.775
4	106	175	230	304	304	72	73	75.6875	76	303.375
5	110	183	240	320	320	60	61	63.6875	64	319.375
5	114	190	250	332	332	62.4	63.4	66.0875	66.4	331.375
5	119	197	259	344	344	64.8	65.8	68.4875	68.8	343.375
5	123	204	269	356	356	67.2	68.2	70.8875	71.2	355.375
5	128	212	278	368	368	69.6	70.6	73.2875	73.6	367.375
5	132	219	288	380	380	72	73	75.6875	76	379.375
6	137	228	300	398	398.4	62.4	63.4	66.0875	66.4	397.775
6	143	237	311	413	412.8	64.8	65.8	68.4875	68.8	412.175
6	148	245	323	427	427.2	67.2	68.2	70.8875	71.2	426.575
6	153	254	334	442	441.6	69.6	70.6	73.2875	73.6	440.975
6	158	263	346	456	456	72	73	75.6875	76	455.375



- CENTER FEED CANOPY ONLY, DUAL POWER SUPPLIES REQUIRED

Wall Mounted Lengths over 14" use Pipeline Cantilever Accessory



PROJECT	FIXTURE TYPE	DATE
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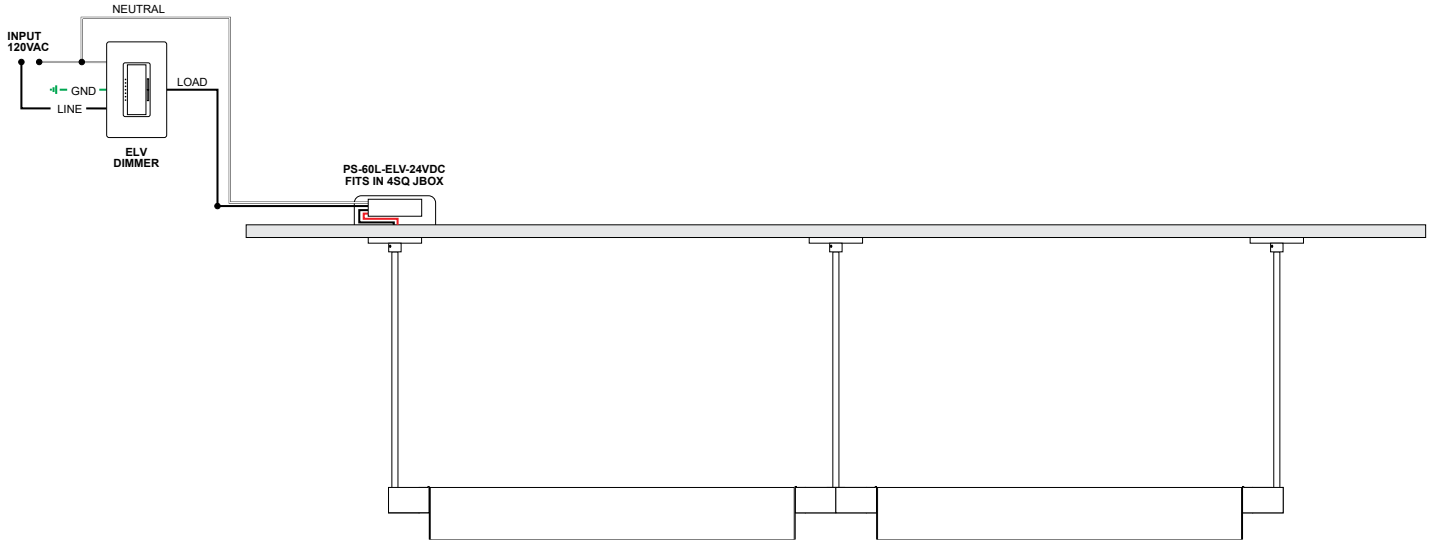
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24VDC - WITH REMOTE POWER, CEILING / WALL / TABLE MOUNT, EQUAL LENGTH SEGMENTS

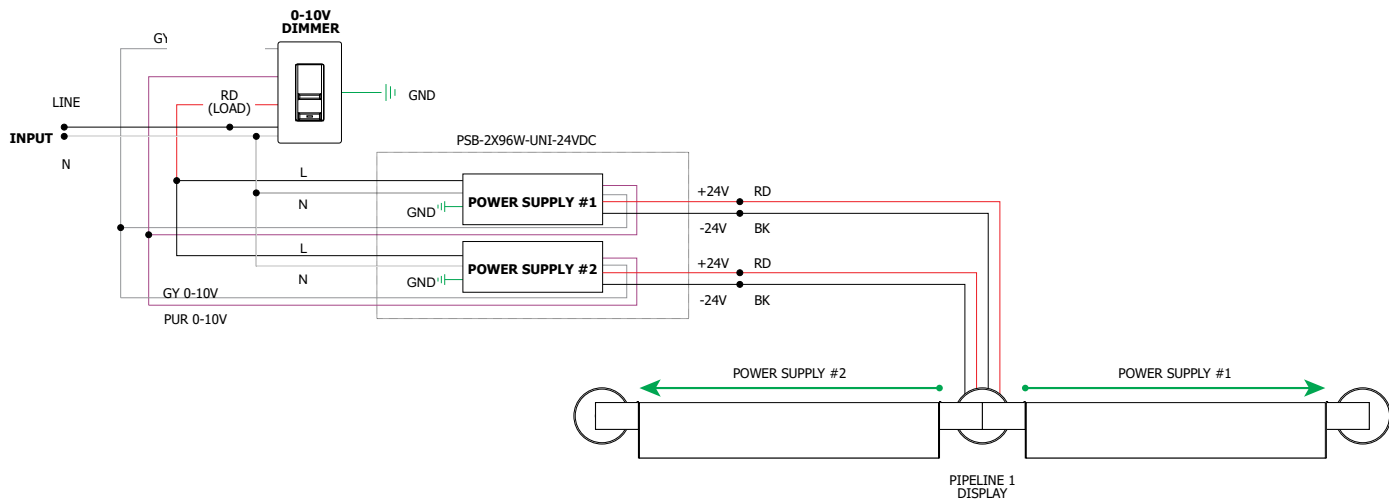
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ELV WIRING DIAGRAM

- APPLICATION** ELV dimming for Pipeline Wall/Display or Ceiling
POWER SUPPLY PS-60L-ELV-24VDC
DIMMING LUTRON DIVA: DVELV-300P, LUTRON SKYLARK: SELV-300P, LUTRON RADIO RA2: RRD-6NA, LUTRON MAESTRO: MAELV-600
 LEGRAND ADORNE: ADTP-703TUM4



- APPLICATION** 0-10V dimming for Pipeline Wall/Display or Ceiling
POWER SUPPLY PSB-2x96W-010-24VDC (24VDC 96W output)
DIMMING SIGNIFY PHILIPS SUNRISE: SR1200ZTUNV, LUTRON DIVA: DVTV-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











PROJECT	FIXTURE TYPE	DATE
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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

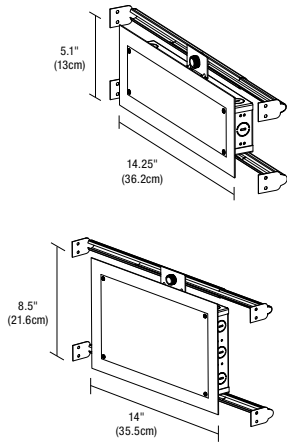
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UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-40W-UNI-24VDC	PSB-60W-UNI-24VDC	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	40W	60W	2X40W	2X60W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	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"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-40W-UNI-24VDC-IW	PSB-60W-UNI-24VDC-IW	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-96W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-3X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	96W	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	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"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-96W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA	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 DIVA DVLV-600P-WH	•	•	•	•
LUTRON DIVA DVLV-603P-WH	•	•	•	•
LUTRON MAESTRO MALV-600-WH	•	•	•	•
LUTRON MAESTRO MALV-1000-WH	•	•	•	•
LUTRON MAESTRO 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.

PROJECT	FIXTURE TYPE	DATE
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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.

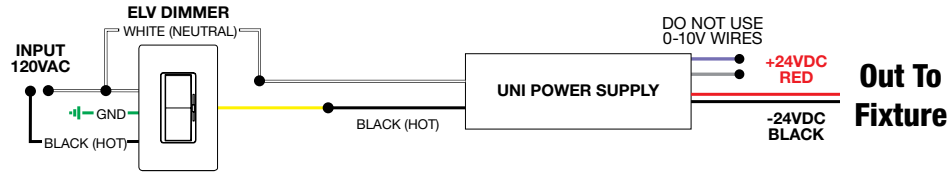
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

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

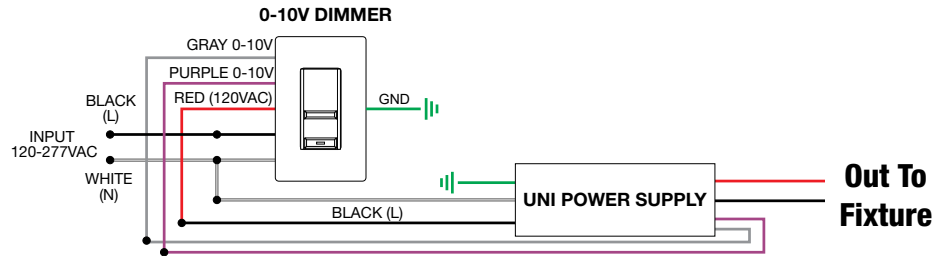
Application: ELV dimming for Static White and Warm Dim

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

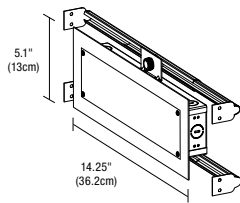
Dimming: Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTV-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX; Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ; Legrand: ADPD4FBL3P2W4



PROJECT	FIXTURE TYPE	DATE
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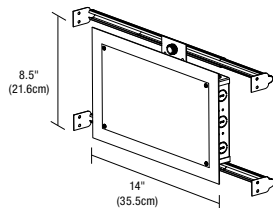
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-25W-010-24VDC 	PSB-60W-010-24VDC 	PSB-96W-010-24VDC 	PSB-2X96W-010-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW	PSB-2X96W-010-24VDC-IW

0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†			
ORDERING CODE	PSB-3X96W-010-24VDC 	PSB-4X96W-010-24VDC 	
SPECIFICATIONS			
MAXIMUM LOAD	3X96W	4X96W	
INPUT VOLTAGE	120-277VAC	120-277VAC	
OUTPUT VOLTAGE	24VDC	24VDC	
DIMENSIONS	14" X 10" X 3"	17" X 13" X 3"	
CLASSIFICATION	CLASS 2	CLASS 2	
IN-WALL MOUNTING	N/A	N/A	
DIMMING & CONTROLS			
PHILIPS SUNRISE: SR1200ZTUNV	•	•	
LUTRON DIVA: DVTW-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	•	•	



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-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-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-2X96W-010-24VDC-IW

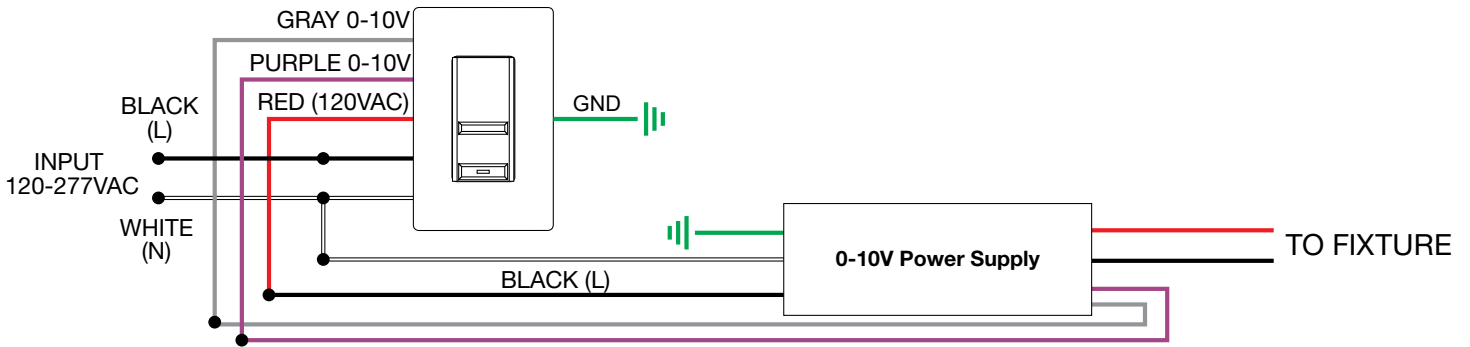
PROJECT	FIXTURE TYPE	DATE
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SAMPLE WIRING DIAGRAMS 24VDC 010

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

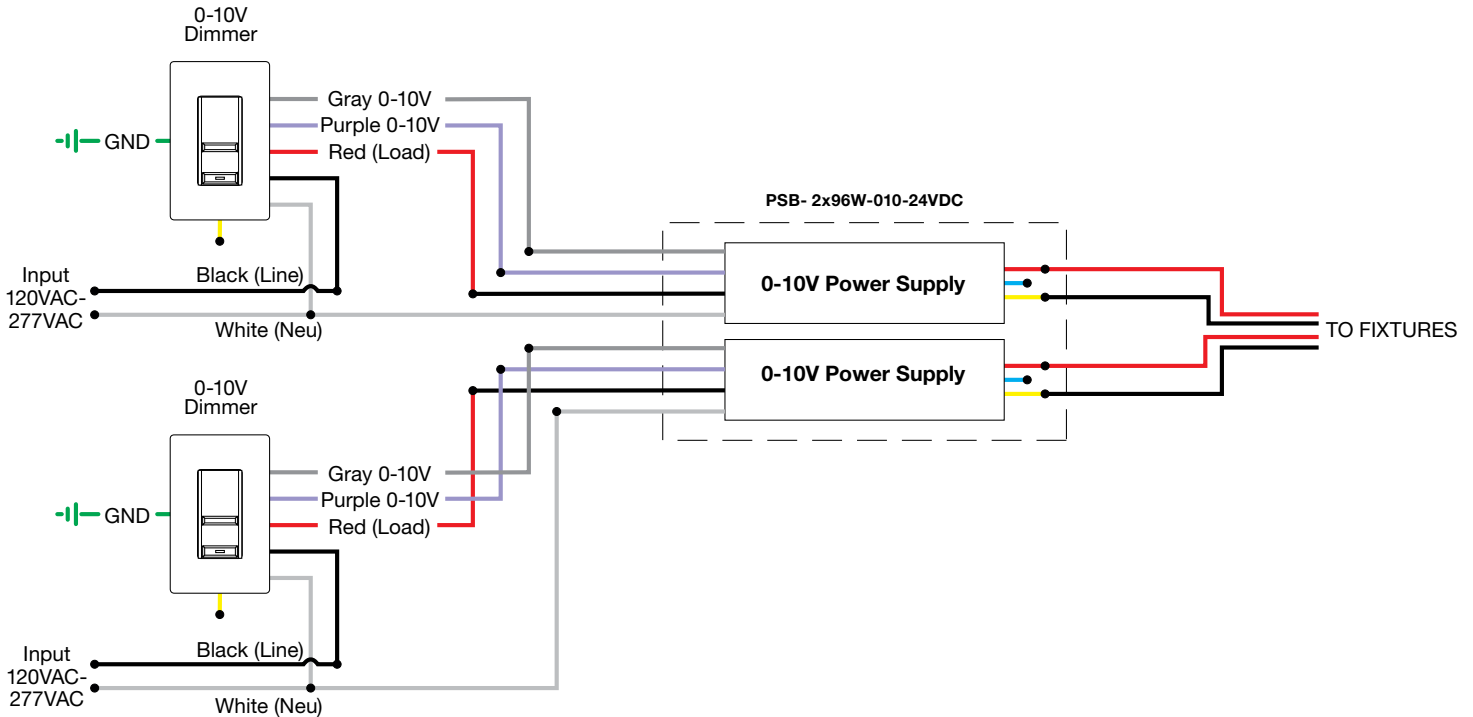
Dimming: Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)

0-10V DIMMER



Application: Dual 0-10V dimming for Dynamic/Tunable White 2000K-4000K

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)



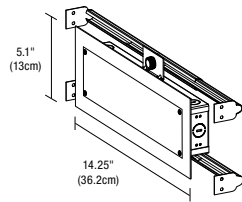
PROJECT	FIXTURE TYPE	DATE
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ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡				
ORDERING CODES	PS-60L-ELV-24VDC 	PSB-60W-ELV-24VDC 	PSB-2X60W-ELV-24VDC 	PSB-100W-ELV-24VDC
SPECIFICATIONS				
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS IN 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.

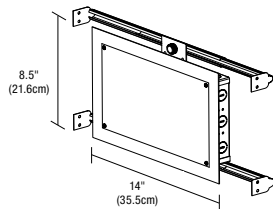
‡Electrical Panels using Siemens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

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



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.

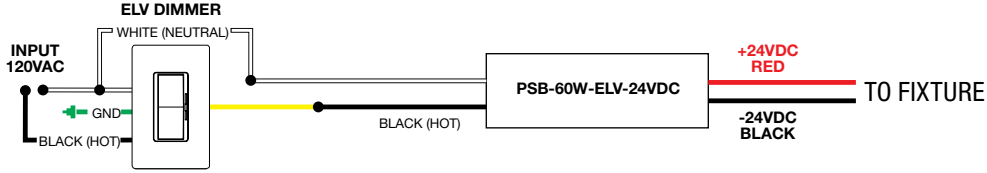
Ordering Codes: PSB-2X60W-ELV-24VDC-IW
PSB-2X100W-ELV-24VDC-IW

PROJECT	FIXTURE TYPE	DATE
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SAMPLE WIRING DIAGRAMS 24VDC ELV

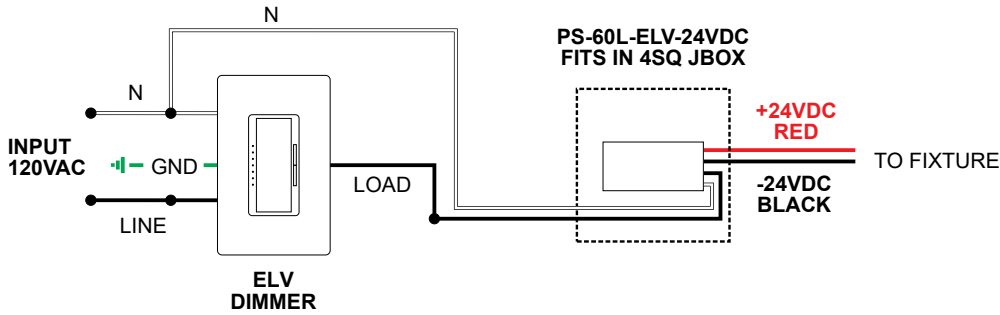
Application: ELV dimming for Static White

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



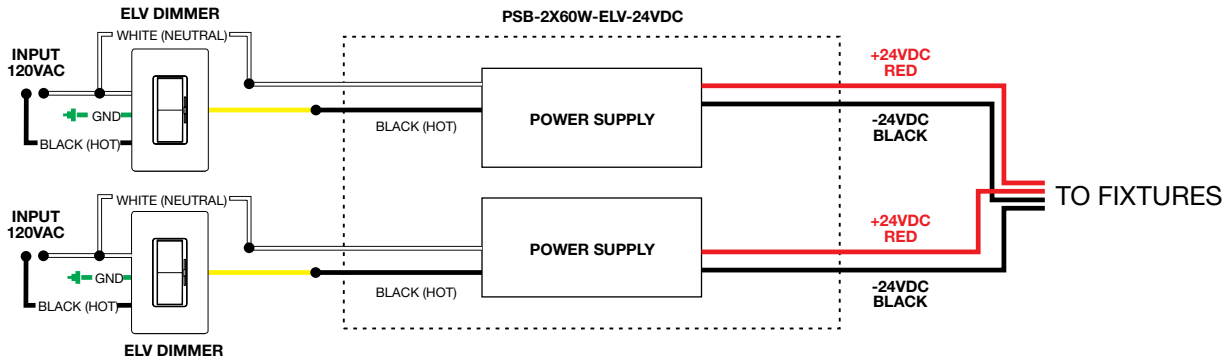
Application: ELV dimming for Static White

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

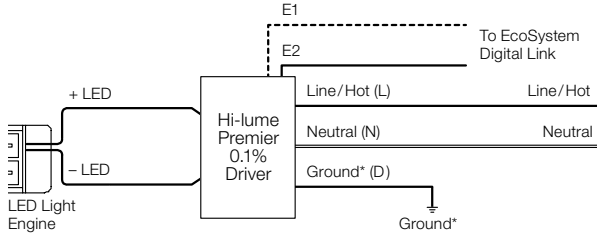


PROJECT		FIXTURE TYPE		DATE	
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LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†			
ORDERING CODES	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240
SPECIFICATIONS			
MAXIMUM LOAD	96W	5W-40W	5W-40W
INPUT VOLTAGE	120-277VAC	120-277VAC	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	•	•	•

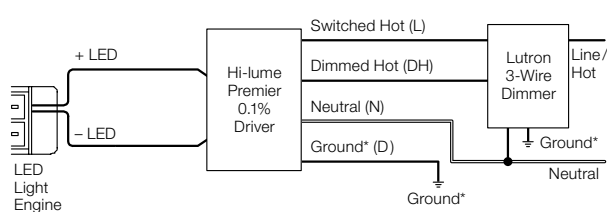
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

2-Wire EcoSystem Wiring Diagram



LTEA4U1UKL-CV240

3-Wire Wiring Diagram



L3DA4U1UKL-CV240

PROJECT		FIXTURE TYPE		DATE	
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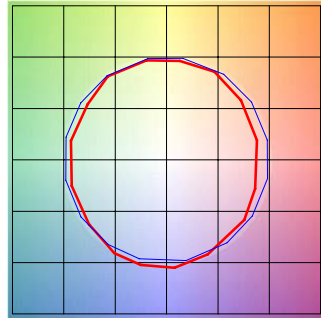
WALL WASH TM30 DATA

24VDC - WITH REMOTE POWER, CEILING / WALL / TABLE MOUNT, EQUAL LENGTH SEGMENTS

TM-30-15 DATA: The data below is for SS5C, SS7C, and SS10C 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

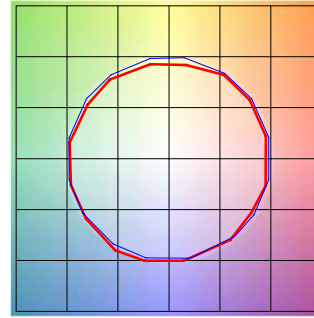


■ Test ■ Reference

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%

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

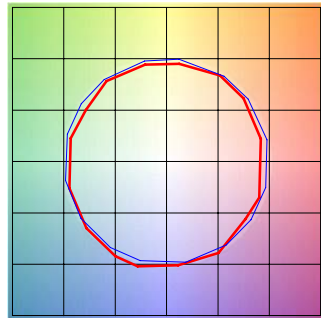


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	86.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

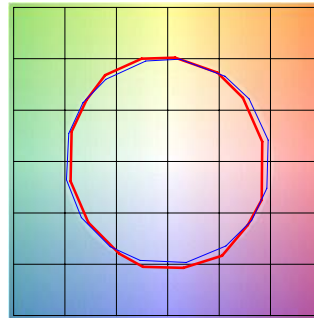


■ Test ■ Reference

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%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

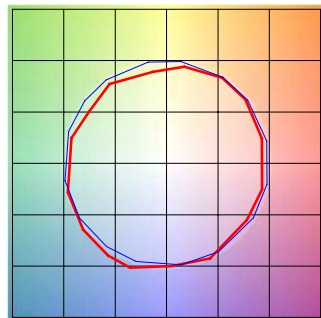


■ Test ■ Reference

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%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

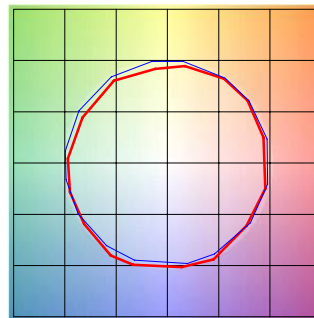


■ Test ■ Reference

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%

4000K | Rf: 87.6 | Rg: 96.8

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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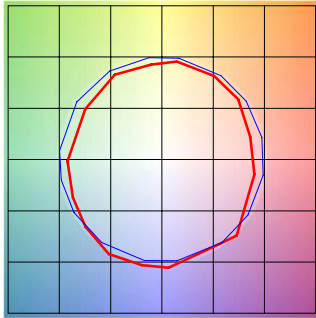
WALL WASH TM30 DATA

24VDC - WITH REMOTE POWER, CEILING / WALL / TABLE MOUNT, EQUAL LENGTH SEGMENTS

TM-30-15 DATA: The data below is for SS5C, SS7C, and SS10C 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

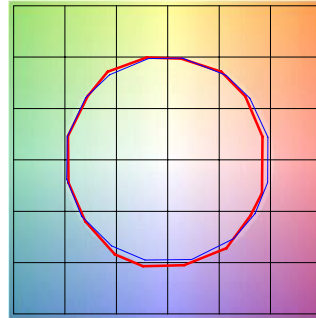


■ Test ■ Reference

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%

2700D | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

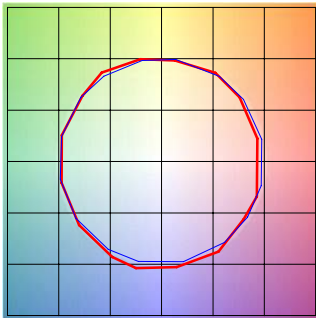


■ Test ■ Reference

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%

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

PROJECT		FIXTURE TYPE		DATE	
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