

PIPELINE 1

SUSPENSION UP OR DOWN LIGHT WITH REMOTE POWER - END FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 07.02.20



DESCRIPTION

Pipeline 1 Suspension Up or Down with Remote Power End Feed is an innovative linear LED fixture that Rotates 360°, allowing you to effortlessly shine the light Up for Indirect Ambiance, Downward to accommodate tasks, and anywhere in between for general illumination. The fixture produces a clean, uninterrupted beam of light through a Diffused White 176° Lens. Highly customizable, the Pipeline 1 Suspension is available in various increments from 12" to 240" (20ft) and nine standard Color Temperatures, including Warm Dim (27D) 2700K or (30D) 3000K that dim down to 2000K. Available in Lumen outputs up to 108 lumens per watt (916 lumens/foot) using our Designer-grade High CRI (color rendering) LED strip. Choose from Several finishes and optional Black or White Louvers for additional Diffusion. Fixture includes a 5 year pro-rated warranty. For custom finishes, designs, quotes and layout assistance, send drawings to design@PureEdgeLighting.com.

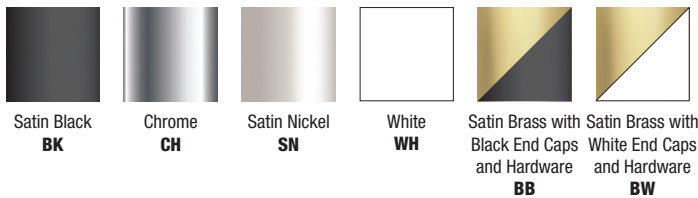
Wattages for this fixture are available in the following options:

- 5W - 5 watts per foot, lengths up to 240" (20ft)
- 7W - 7.5 watts per foot, lengths up to 156" (13ft)
- 10W - 10 watts per foot, lengths up to 120" (10ft)

INSTALLATION

- Mounts to a Standard Junction Box, pre-wired from either a 120V with a 60 Watt NON-IC (50W-IC) Power Supply that fits in the ceiling Electrical Junction Box, or from a Remote Power Supply feeding 24VDC up to 100 Watts at a maximum of 40' away
- Includes Canopy of your choice: 2.8", 4.6", 2 x 2.8" or 2 x 4.6" available in Round or Square, Pairs - One for remote power and one for a blank end cap, and VR (Vanishing Point)
- Includes adjustable 12ft coaxial cables (additional aircraft cables included for support when fixture exceeds 72")

FINISHES



LENSES

- Diffused White Lens with 176° beam spread
- Optional Black or White louver available

APPLICATIONS

Designed for indoor use only. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

LAMPING

- Choose from 9 different Color Temperatures from 2200K-5700K including Warm Dim
- Warm Dim: 2700K-2000K (27D) or 3000K-2000K (30D)
- 50,000 Hour Lamp Life

REMOTE POWER SUPPLIES* & DIMMERS (SOLD SEPARATELY):

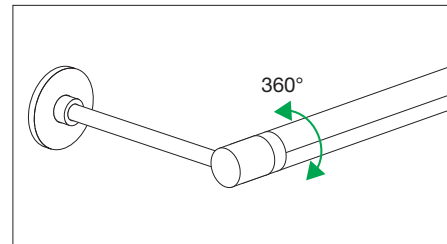
- Electronic Low Voltage Dimming (ELV)
- 60 Watt (fits in J-box), 100 Watt Class 2; 200 Watt UL2108
- Universal Dimming: Universal Dimming (TRIAC, ELV, 0-10V) with corresponding dimmer
- 0-10 Volt Dimming (0-10V)
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select power supplies

APPROVALS

ETL Listed, Class 2 Title 24, Made in America, Damp location

PIPELINE CHANNEL HAS FULL 360° ROTATION



System	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
P1SD	5W	2R	108	22K	SN
P1SD Pipeline 1 Suspension Up or Downlight, Diffused Lens without Louver, Remote Power	5W 5 Watt (240" max, 20ft)	2R 2.8" Round Canopy	12-240 Order in 12" increments from 12" to 240". Maximum shipping length for Chrome is 84".	22K 2200 Amber White	BK Black Powdered Paint
P1SDW Pipeline 1 Suspension Up or Downlight, Diffused Lens with White Louver, Remote Power	7W 7.5 Watt (156" max, 13ft)	4R 4.6" Round Canopy		24K 2400K Very Warm White	CH Chrome
P1SDB Pipeline 1 Suspension Up or Downlight, Diffused Lens with Black Louver, Remote Power	10W 10 Watt (120" max, 10ft)	2R2 2x2.8" Round Canopies		27K 2700K Incandescent White	SN Satin Nickel
		4R2 2x4.6" Round Canopies		27D 2700K Warm Dim (5W only)	WH White Powdered Paint
		VR Vanishing Point Plaster in system (No visible Canopy)		30K 3000K Warm White	BB Satin Brass with Black End Caps and Hardware*
				30D 3000K Warm Dim (5W only)	BW Satin Brass with White End Caps and Hardware*
				35K 3500K Neutral White	
				40K 4000K Cool White	
				57K 5700K Daylight White	

*Custom lengths are available

*See length chart for exact dimensions (pg. 3)

PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

PIPELINE 1

SUSPENSION UP OR DOWN LIGHT WITH REMOTE POWER - END FEED

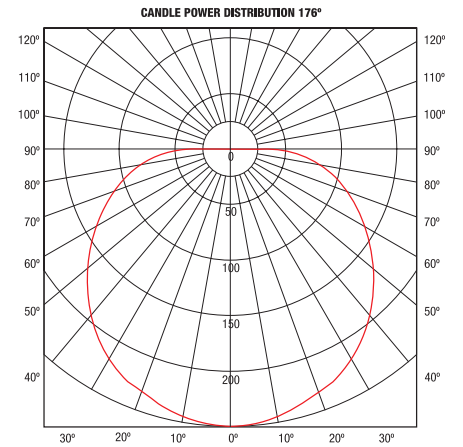
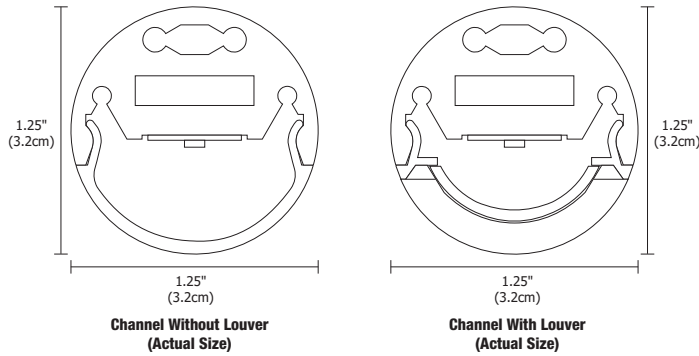
Lamp Data: Lamp Data for Pipeline 1 Suspension Up or Down with Remote Power

		P1SD																							
DESCRIPTION		176 Degree Diffused White Lens without Louver																							
WATTS PER FOOT		5w								7w (7.5 watts)								10w (9.6 watts)							
COLOR TEMPERATURE		22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)		341	378	416	406	454	444	520	565	602	565	627	689	753	863	938	998	743	825	907	991	1134	1233	1313	
LUMENS PER WATT (lm/w)		77	86	94	85	103	93	118	129	137	77	86	94	103	118	129	137	77	86	94	103	118	129	137	
CRI		85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	

		P1SDW																							
DESCRIPTION		176 Degree Diffused White Lens with White Louver																							
WATTS PER FOOT		5w								7w (7.5 watts)								10w (9.6 watts)							
COLOR TEMPERATURE		22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)		238	264	290	284	317	311	363	395	420	238	264	290	317	363	395	420	519	576	633	692	793	862	917	
LUMENS PER WATT (lm/w)		54	60	66	59	72	65	83	90	96	54	60	66	72	83	90	96	54	60	66	72	83	90	96	
CRI		85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	

		P1SDBP																							
DESCRIPTION		176 Degree Diffused White Lens with Black Louver																							
WATTS PER FOOT		5w								7w (7.5 watts)								10w (9.6 watts)							
COLOR TEMPERATURE		22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)		136	151	166	163	181	178	208	226	240	226	250	275	301	344	374	399	297	329	362	396	453	492	524	
LUMENS PER WATT (lm/w)		31	34	38	34	41	37	47	51	55	31	34	38	41	47	51	55	31	34	38	41	47	51	55	
CRI		85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	

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

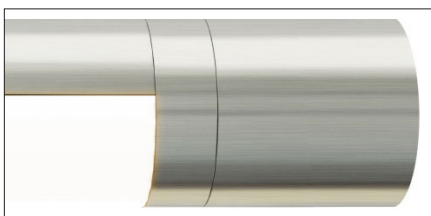
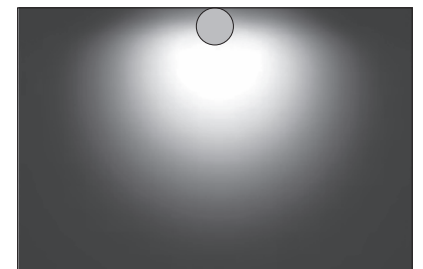


BEAM SPREAD CHART
P1SDP 3000K 5 Watt 176°

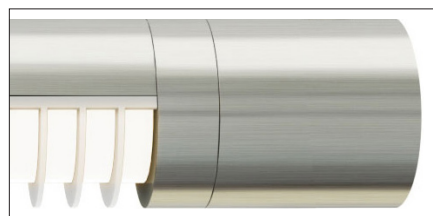
5 Watt 176°	
Distance	Foot Candles
1'	139
1.5'	92
2'	69
3'	45
4'	32
5'	24
6'	19
7'	15
8'	12

7 Watt 176°	
Distance	Foot Candles
1'	227
1.5'	152
2'	114
3'	75
4'	54
5'	40
6'	32
7'	25
8'	21

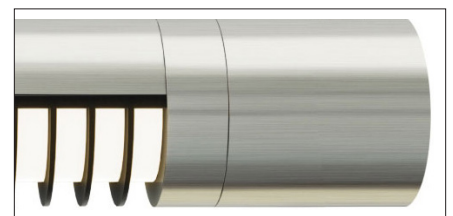
10 Watt 176°	
Distance	Foot Candles
1'	256
1.5'	172
2'	127
3'	83
4'	60
5'	45
6'	36
7'	28
8'	23



DIFFUSED WHITE LENS



DIFFUSED WHITE LENS WITH WHITE LOUVER



DIFFUSED WHITE LENS WITH BLACK LOUVER

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

PIPELINE 1

SUSPENSION UP OR DOWN LIGHT WITH REMOTE POWER - END FEED

Length Chart: Actual lengths for Pipeline 1 Suspension Up or Down with Remote Power—End Feed

22K, 24K, 27K, 30K, 35K, 40K & 57K										
		7W (2.5W UP + 5W DOWN)			10W (5W UP + 5W UP)			12W (5W UP + 7.5W DOWN)		
Ordering Code (Nominal Size)	Actual Length (Inches)	Up Wattage	Down Wattage	Power Supply	Up Wattage	Down Wattage	Power Supply	Up Wattage	Down Wattage	Power Supply
12	12	3	5	PSB-2X40W-UNI-24VDC	5	5	PSB-2X40W-UNI-24VDC	5	7	PSB-2X40W-UNI-24VDC
24	24	5	10	PSB-2X40W-UNI-24VDC	10	10	PSB-2X40W-UNI-24VDC	10	15	PSB-2X40W-UNI-24VDC
36	36	8	15	PSB-2X40W-UNI-24VDC	15	15	PSB-2X40W-UNI-24VDC	15	22	PSB-2X40W-UNI-24VDC
48	48	10	20	PSB-2X40W-UNI-24VDC	20	20	PSB-2X40W-UNI-24VDC	20	29	PSB-2X40W-UNI-24VDC
60	60	13	25	PSB-2X40W-UNI-24VDC	25	25	PSB-2X40W-UNI-24VDC	25	36	PSB-2X40W-UNI-24VDC
72	72	15	30	PSB-2X40W-UNI-24VDC	30	30	PSB-2X40W-UNI-24VDC	30	44	PSB-2X60W-UNI-24VDC
84*	84	18	35	PSB-2X40W-UNI-24VDC	35	35	PSB-2X40W-UNI-24VDC	35	51	PSB-2X60W-UNI-24VDC
96	96	20	40	PSB-2X60W-UNI-24VDC	40	40	PSB-2X60W-UNI-24VDC	40	58	PSB-2X60W-UNI-24VDC
108	108	23	45	PSB-2X60W-UNI-24VDC	45	45	PSB-2X60W-UNI-24VDC	45	66	PSB-2X96W-UNI-24VDC
120**	120	25	50	PSB-2X60W-UNI-24VDC	50	50	PSB-2X60W-UNI-24VDC	50	73	PSB-2X96W-UNI-24VDC
132	132	28	55	PSB-2X60W-UNI-24VDC	55	55	PSB-2X60W-UNI-24VDC	55	81	PSB-2X96W-UNI-24VDC
144	144	30	60	PSB-2X96W-UNI-24VDC	60	60	PSB-2X96W-UNI-24VDC	60	88	PSB-2X96W-UNI-24VDC
156	156	33	65	PSB-2X96W-UNI-24VDC	65	65	PSB-2X96W-UNI-24VDC	65	95	PSB-2X96W-UNI-24VDC
168	168	35	70	PSB-2X96W-UNI-24VDC	70	70	PSB-2X96W-UNI-24VDC			
180	180	38	75	PSB-2X96W-UNI-24VDC	75	75	PSB-2X96W-UNI-24VDC			
192	192	40	80	PSB-2X96W-UNI-24VDC	80	80	PSB-2X96W-UNI-24VDC			
204	204	43	85	PSB-2X96W-UNI-24VDC	85	85	PSB-2X96W-UNI-24VDC			
216	216	45	90	PSB-2X96W-UNI-24VDC	90	90	PSB-2X96W-UNI-24VDC			
228	228	48	95	PSB-2X96W-UNI-24VDC	95	95	PSB-2X96W-UNI-24VDC			
240	240	50	100	PSB-100W-ELV-24VDC	100	100	PSB-100W-ELV-24VDC			

*Maximum Chrome Length **Maximum Shipping Length

WARM DIM (27D & 30D)				
		10W (5W UP + 5W DOWN)		
Ordering Code (Nominal Size)	Actual Length (Inches)	Up Wattage	Down Wattage	Power Supply
12	12	5	5	PSB-2X60W-UNI-24VDC
24	24	10	10	PSB-2X60W-UNI-24VDC
36	36	15	15	PSB-2X40W-UNI-24VDC
48	48	20	20	PSB-2X40W-UNI-24VDC
60	60	25	25	PSB-2X40W-UNI-24VDC
72	72	30	30	PSB-2X40W-UNI-24VDC
84*	84	35	35	PSB-2X40W-UNI-24VDC
96	96	40	40	PSB-2X60W-UNI-24VDC
108	108	45	45	PSB-2X60W-UNI-24VDC
120**	120	50	50	PSB-2X60W-UNI-24VDC
132	132	55	55	PSB-2X60W-UNI-24VDC
144	144	60	60	PSB-2X96W-UNI-24VDC
156	156	65	65	PSB-2X96W-UNI-24VDC
168	168	70	70	PSB-2X96W-UNI-24VDC
180	180	75	75	PSB-2X96W-UNI-24VDC
192	192	80	80	PSB-2X96W-UNI-24VDC
204	204	85	85	PSB-2X96W-UNI-24VDC
216	216	90	90	PSB-2X96W-UNI-24VDC
228	228	95	95	PSB-2X96W-UNI-24VDC
240	240	100	100	PSB-100W-ELV-24VDC

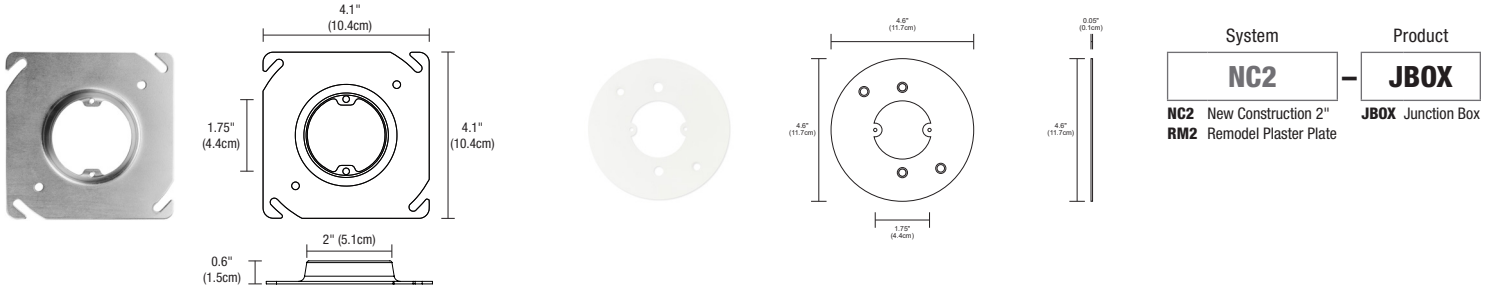
*Maximum Chrome Length **Maximum Shipping Length

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

COMPONENTS Swag Bar & Hook, Swag Hook, and T-Bar are compatible with all Power Canopy options and may be required based on lighting design and application

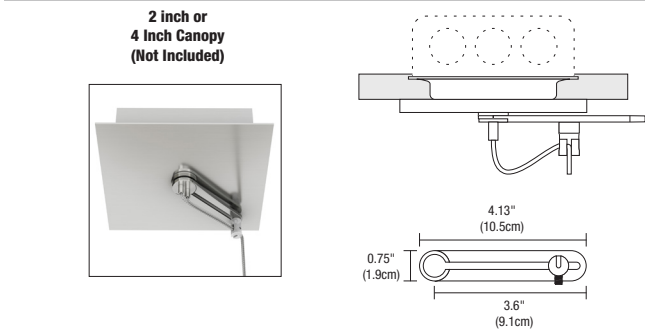
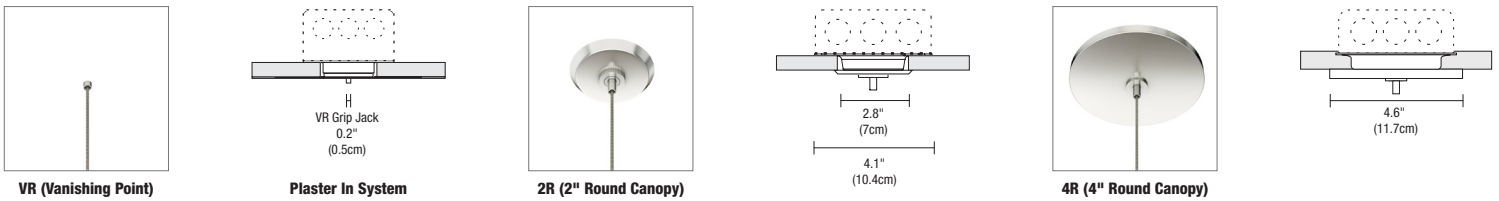
NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

The New Construction NC2-JBOX Cover is included with the 2" Round and Square Canopies and is not required for the 4" Square Canopies. NC2 New Construction Junction Box Cover mounts to a standard 4" Electrical Box or Octagon Box, converting it to a 2" Plaster Ring for use with the 2R (Round) or 2S (Square) Canopy. The Remodel RM2-JBOX Plaster Plate cover is used with an existing 4" Square Junction Box and standard Round Plaster Ring. The PS-60L-ELV-24VDC (50 Watt IC, 60 Watt Non-IC) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look.



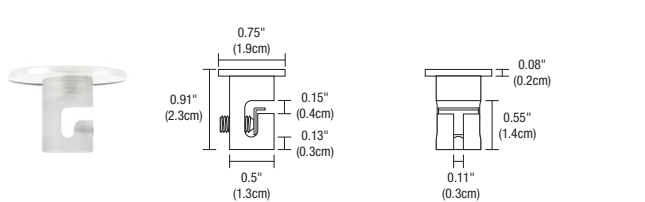
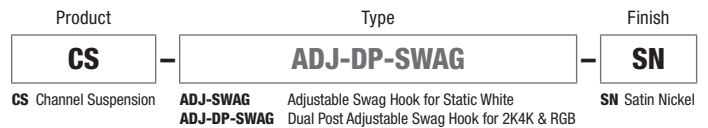
CIRRUS REMOTE POWER CANOPIES (INCLUDED)

Canopies are included with Canopy ordering code. The 2" Round and Square Canopy includes a special Plaster Ring NC2-JBOX (above). The 4" Square or Round Canopy fits on a standard 4" Electrical Box with Round Plaster Ring and the PS-60L-ELV-24VDC 50 Watt IC, 60 Watt Non-IC) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look. Vanishing Point Plaster in system with No Canopy, only see cable going through drywall ceiling with GJ24.



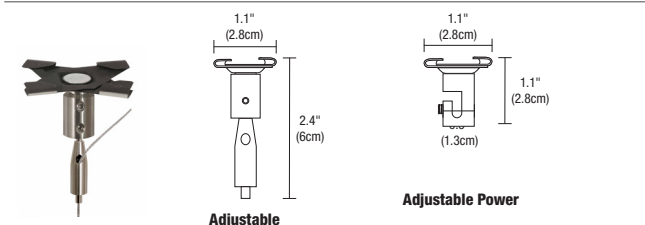
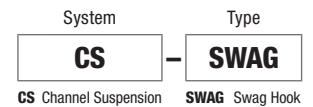
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4R and 4S Power Canopies (Canopy not included).



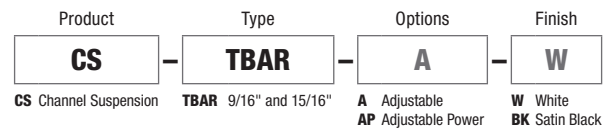
CHANNEL SUSPENSION SWAG HOOK

The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.



CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP

Channel Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel Hardware as Adjustable Power and Non-Power versions.

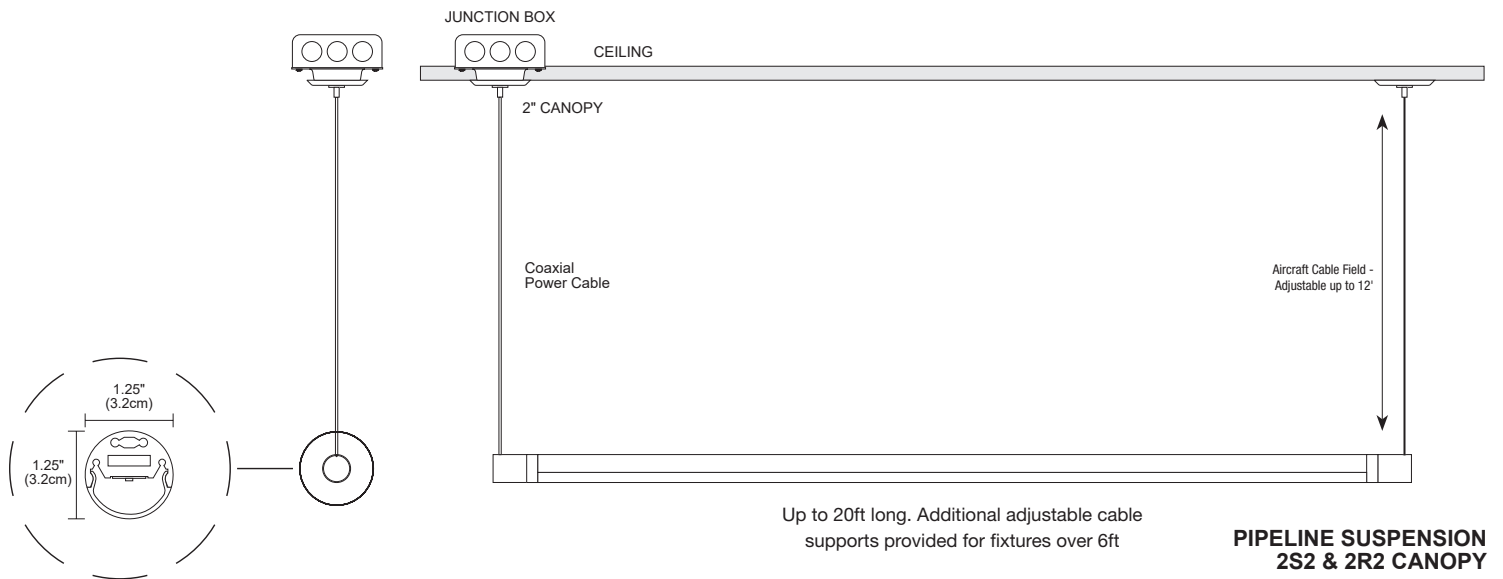
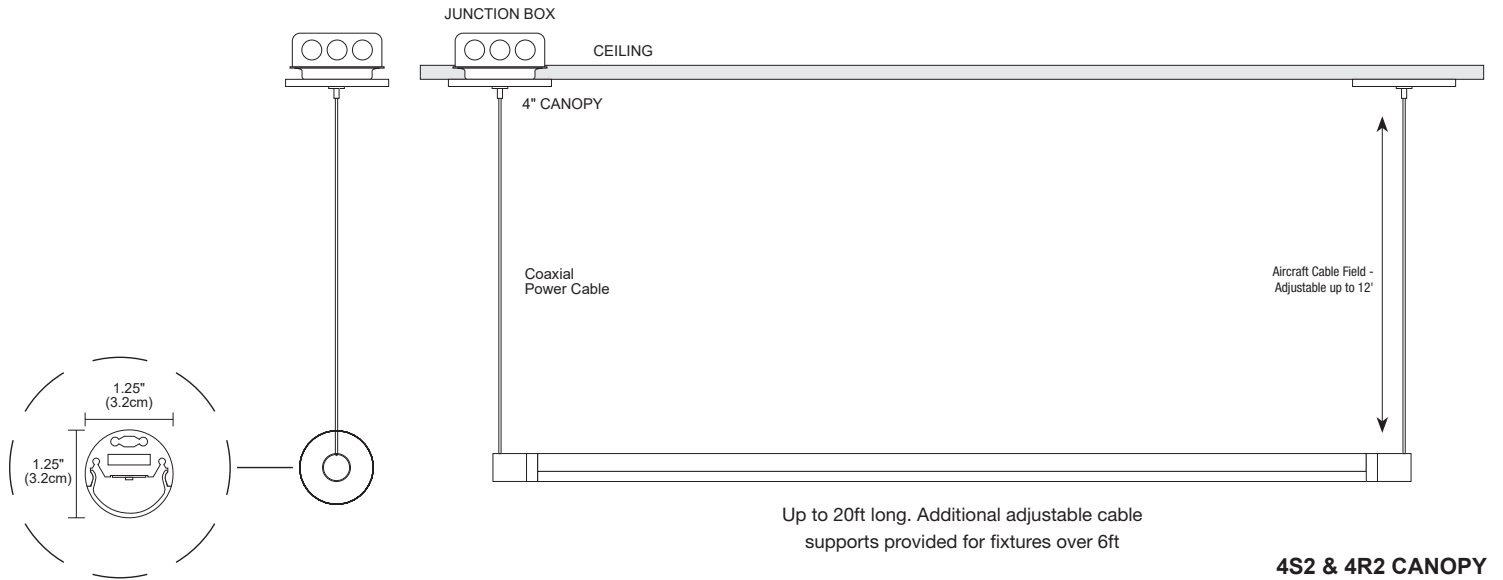


PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

PIPELINE 1

SUSPENSION UP OR DOWN LIGHT WITH REMOTE POWER - END FEED

Drawings: Drawings are shown with 2" round canopy, 2" square canopy, 4" round canopy, and 4" square canopy.



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

PIPELINE 1

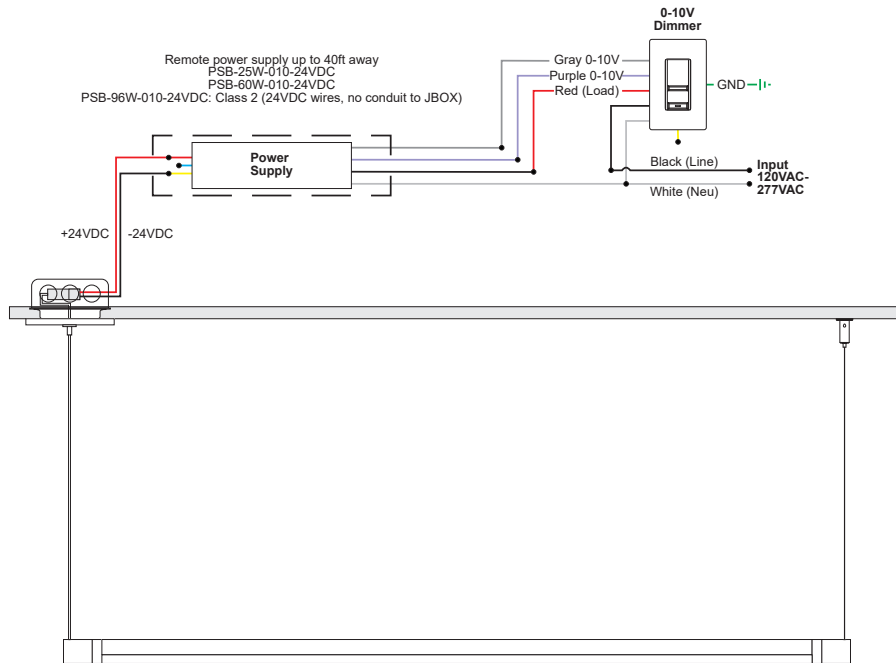
SUSPENSION UP OR DOWN LIGHT WITH REMOTE POWER - END FEED

REV 07.02.20

Wiring Diagram: Wiring Diagram for Static White with 0-10V Dimmer

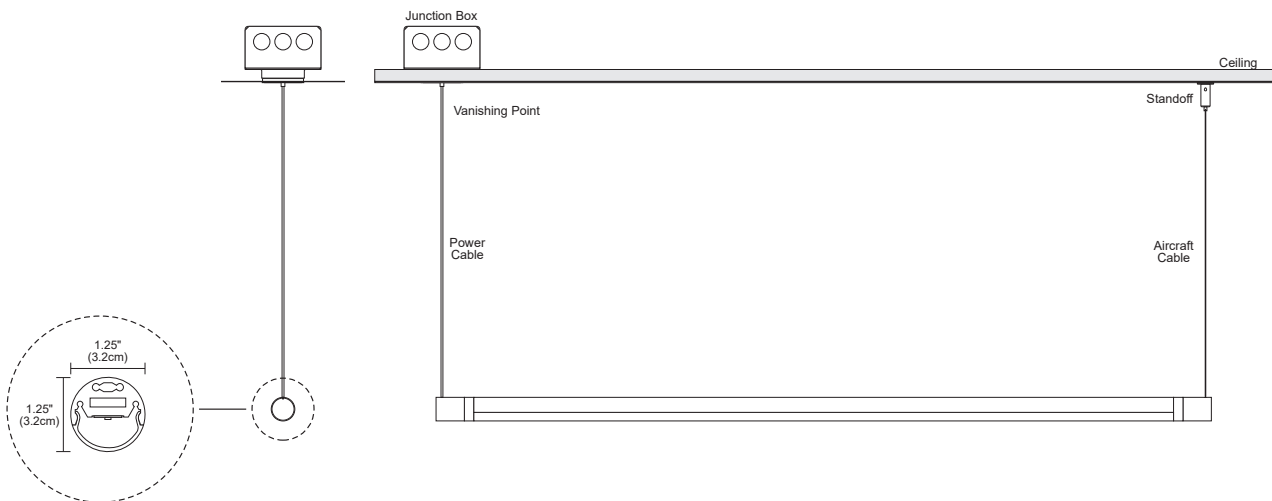
Application: 0-10V dimming for Pipeline 1 Suspension Up/Down with Remote Power—End Feed, Static White

Remote Power Supplies: Class 2: 24VDC output; 120/277VAC input. PSB-60W-010-24VDC; PSB-96W-010-24VDC



Application: 0-10V dimming for Pipeline 1 Suspension Down with Remote Power—End Feed, Static White

Remote Power Supplies: Class 2: 24VDC output; 120/277VAC input. PSB-60W-010-24VDC; PSB-96W-010-24VDC



PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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

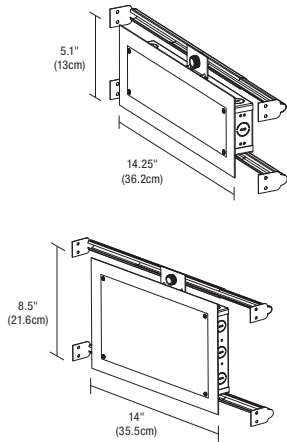
REV 07.02.20

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: 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	•	•	•	•
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
---------	--------------	------

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.

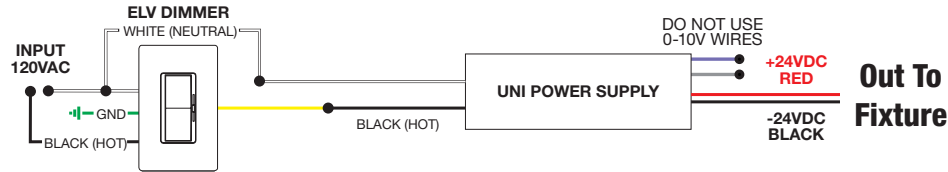
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

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

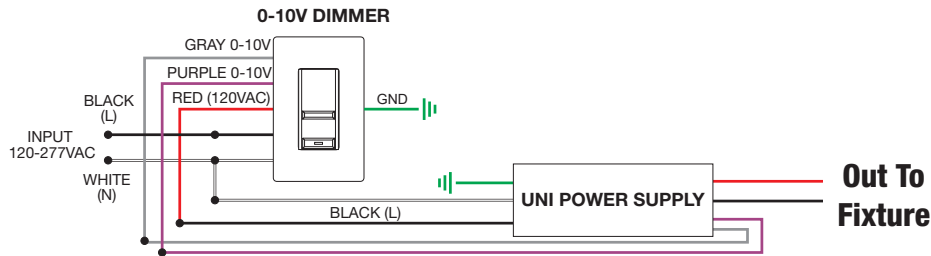
Application: ELV dimming for Static White and Warm Dim

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

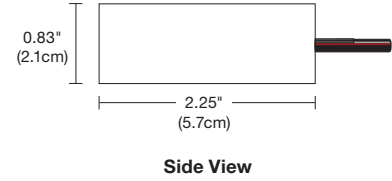
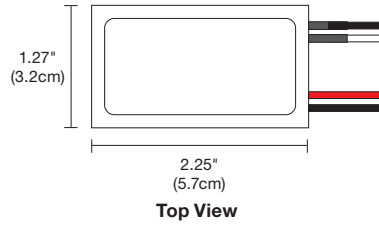
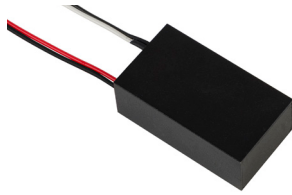


Application: 0-10V dimming for Static White

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
---------	--------------	------



DESCRIPTION

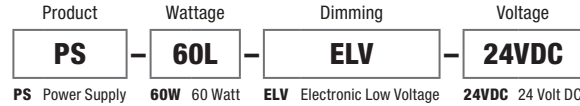
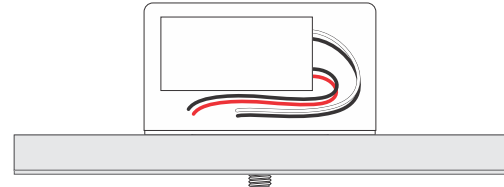
Compact, lightweight remote electronic 60W/24V LED Power Supply* converts standard 120VAC voltage to 24VDC and features built-in short-circuit protection. The low voltage output may be dimmed using an electronic low voltage dimmer. The Power Supply is certified to be used inside a standard Junction Box enclosure. Power Supply features short circuit and overload protection. Indoor applications only.

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

APPLICATIONS

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

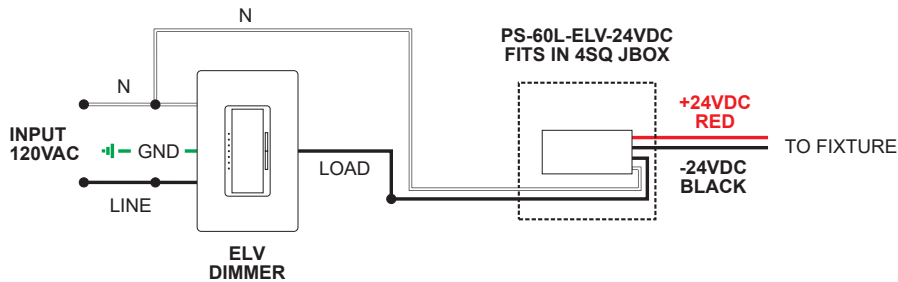
- POWER INPUT** 120 volts AC, 60Hz
- POWER OUTPUT** Class 2; 24 volts DC 2.5A 60 watt maximum
- DIMENSIONS** 2.25" x 1.25" x 0.83"
- DIMMER TYPE** Electronic Low Voltage Dimmer Lutron: Diva #DVELV-300P; Skylark #SELV-300P; Maestro #MAELV-600



SAMPLE WIRING DIAGRAMS 24VDC ELV

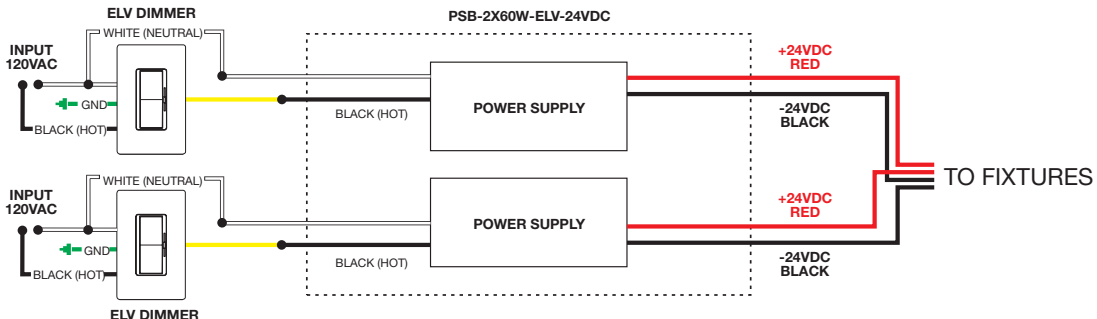
Application: ELV dimming for Static White

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









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

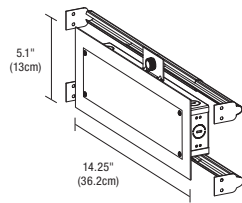
Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

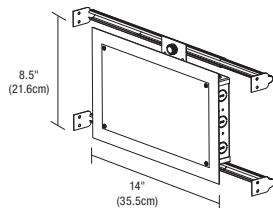
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-25W-010-24VDC 	PSB-60W-010-24VDC 	PSB-96W-010-24VDC 	PSB-2X96W-010-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	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: 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	•	•	



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.

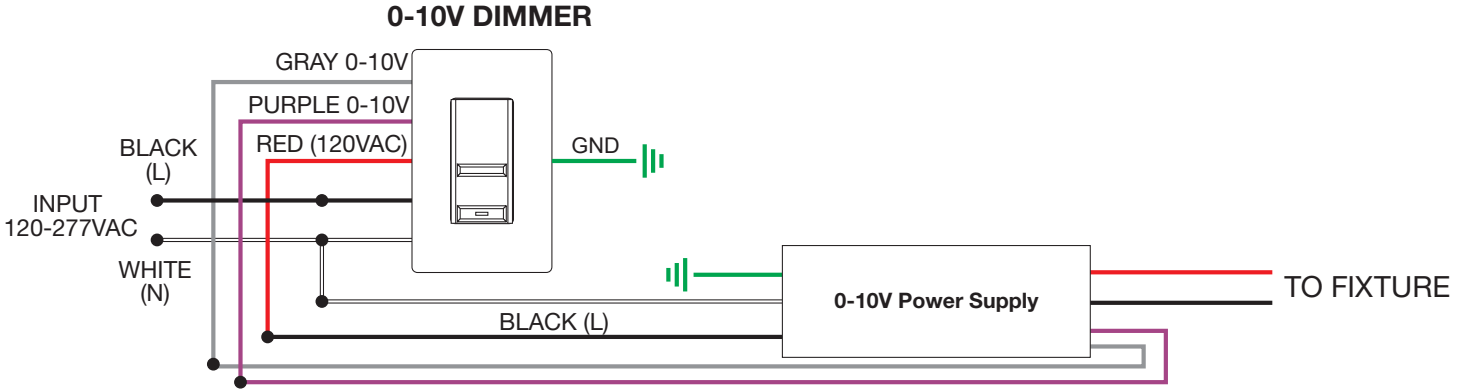
Ordering Codes: PSB-2X96W-010-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

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)



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

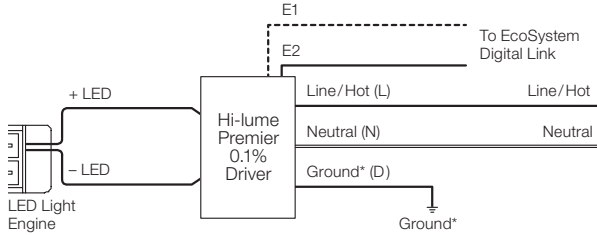
INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, LUTRON ECOSYSTEM

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	•	•	•

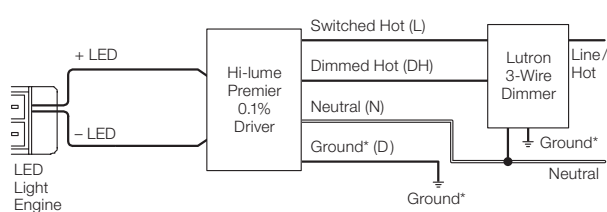
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

2-Wire EcoSystem Wiring Diagram



LTEA4U1UKL-CV240

3-Wire Wiring Diagram



L3DA4U1UKL-CV240

PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

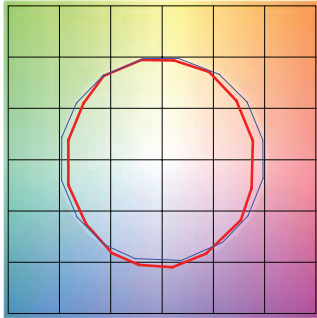
SUSPENSION TM30 DATA

SUSPENSION UP OR DOWN LIGHT WITH REMOTE POWER - END FEED

TM-30-15 DATA: The data below is for SS2C, 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

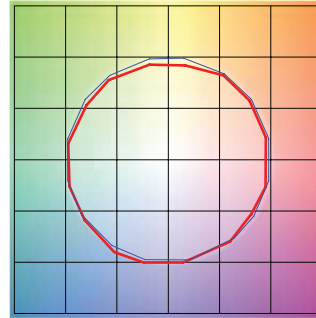


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

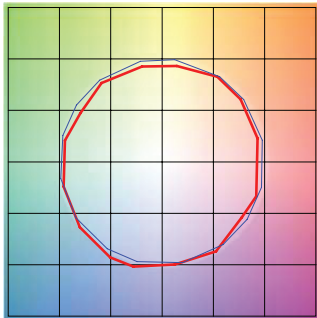


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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	88.9	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

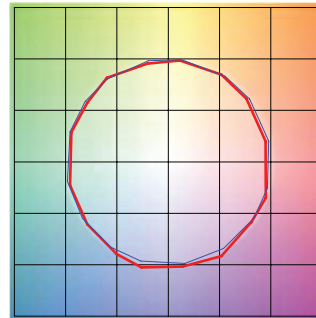


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

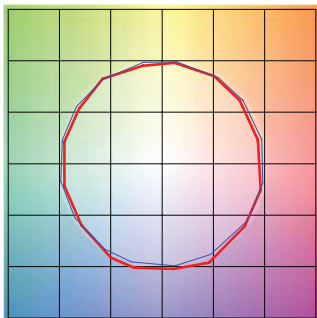


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

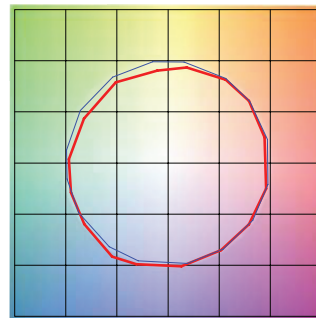


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

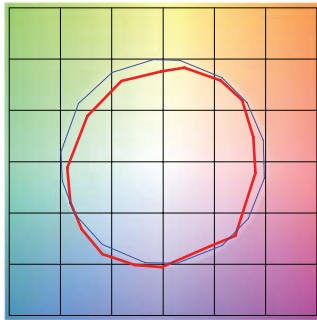
SUSPENSION TM30 DATA

SUSPENSION UP OR DOWN LIGHT WITH REMOTE POWER - END FEED

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

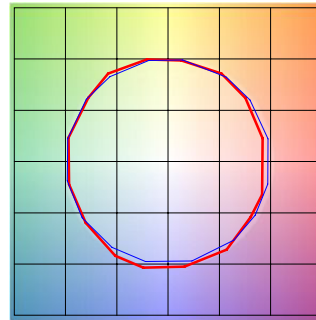


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%

2700D | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

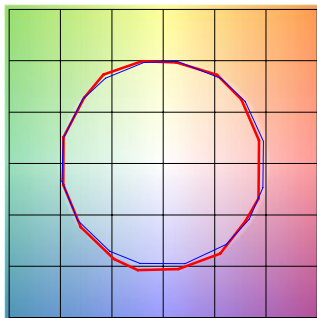


■ Test ■ Reference

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
---------	--------------	------