



ZIP WAVE DYNAMIC TUNABLE WHITE

LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 07.16.20



Five (5) Zip Waves are shown here

DESCRIPTION

Add curves and volume to any space with the Zip Wave Suspension Downlight. This contemporary, curvy, linear LED fixture offers lighting that is crisp and spot-free. It is available in a range of increments from 48' to 240' (20ft), a 100° beam spread, optional adjustable white or black louver, multiple finishes, and Dynamic Tunable White (**2K4K**). Fixture includes a 5-year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

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 40ft away
- Includes your choice of one or two canopies: one for remote power (under 60 watts NON-IC, fits in Jbox), one blank at end cap - 2R2, 2S2, 4R2, 4S2
- Includes adjustable 12ft coaxial and aircraft cables (additional aircraft cables included for support when fixture exceeds 96')
- Power supplies sold separately

FINISHES



Satin Black
BK

Chrome
CH

Satin Nickel
SN

White
WH

LENSES

- Available in a 100° white diffused lens
- Optional black or white louver available

LAMPING

- Dynamic Tunable White: 2000K-4000K
- 50,000 Hour Lamp Life

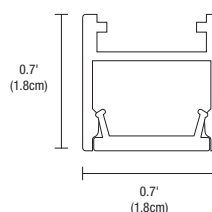
REMOTE POWER SUPPLIES* & DIMMERS (SOLD SEPARATELY)

- Universal Dimming: Universal Dimming (TRIAC, ELV, 0-10V) with corresponding dimmer
- Electronic Low Voltage Dimming (**ELV**): 60 watt (fits in JBox)
- 0-10 Volt Dimming (**0-10V**)
- Lutron Hi-Lume®
- DMX: Dynamic Color Changing

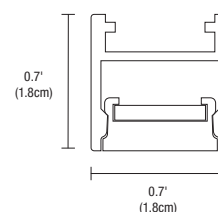
*In-Wall Mounting Kits available for select power supplies

APPLICATIONS

Designed for indoor use only. Ideal application environments include: restaurants, hallways, conference rooms, kitchens, dining rooms, architectural lighting, general lighting, and retail



Channel Without Louver
(Actual Size)



Channel With Louver
(Actual Size)

System	Wattage Per Foot	Canopy	Nominal Size (Inches)	Color Temperature	Finish
WSD	5W	2R	240	2K4K	SN
WSD Zip Wave Suspension Diffused Lens with Remote Power WSDW Zip Wave Suspension Diffused Lens with White Louver WSDB Zip Wave Suspension Diffused Lens with Black Louver	5W 4.6 Watt	2R 2.8' Round Canopy 2S 2.8' Square Canopy 4R 4.6' Round Canopy 4S 4.6' Square Canopy 2R2 2x2.8' Round Canopies 2S2 2x2.8' Square Canopies 4R2 2x4.6' Round Canopies 4S2 2x4.6' Square Canopies	48-240 Order in various increments from 48' to 240' at 5 watts per foot. Maximum shipping length for Chrome is 84'	2K4K 2000K-4000K Tunable White	BK Satin Black CH Chrome SN Satin Nickel WH White

*See length chart on pg 2 for exact dimensions

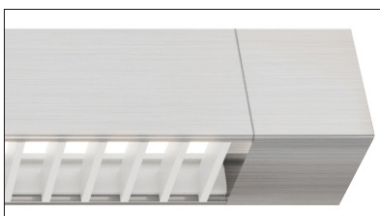
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ZIP WAVE DYNAMIC TUNABLE WHITE

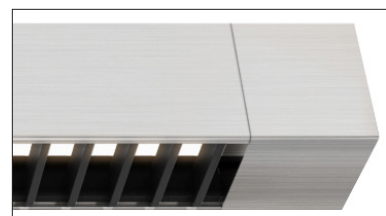
LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED



DIFFUSED WHITE LENS



DIFFUSED WHITE LENS WITH WHITE LOUVER



CLEAR FROSTED LENS WITH BLACK LOUVER

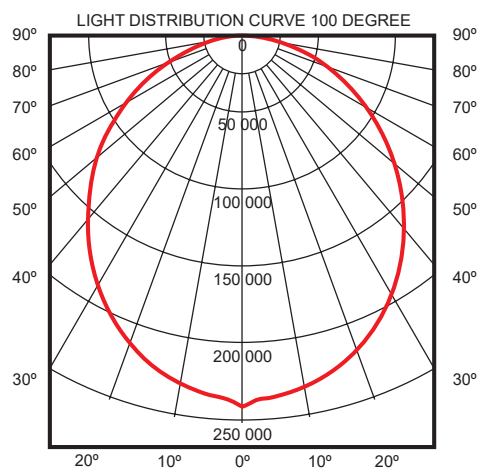
Lamp Data: Lamp data for Zip Wave Suspension Downlight with Remote - End Feed

WSD							
DESCRIPTION	100 Degree Diffused White Lens without Lens						
WATTS PER FOOT	5W (4.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	185	225	239	252	264	277	252
LUMENS PER WATT (lm/w)	46	49	52	55	57	60	63
CRI	85	85+	90+	95+	95+	85+	84

WSDW							
DESCRIPTION	100 Degree Diffused White Lens with White Louver						
WATTS PER FOOT	5W (4.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	115	141	149	157	165	173	157
LUMENS PER WATT (lm/w)	29	31	32	34	36	38	39
CRI	85	85+	90+	95+	95+	85+	84

WSDB							
DESCRIPTION	100 Degree Diffused White Lens with Black Louver						
WATTS PER FOOT	5W (4.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	72	87	93	98	103	108	98
LUMENS PER WATT (lm/w)	18	19	20	21	22	23	24
CRI	85	85+	90+	95+	95+	85+	84

5W DIFFUSED WHITE			
Distance	Foot Candles 5W	Beam Width Vert. Spread 101.1°	Beam Width Horiz. Spread 97.4°
1.7ft	120fc	4.1ft	3.9ft
3.3ft	39fc	8.0ft	7.5ft
5.0ft	16fc	12.1ft	11.4ft
6.7ft	10fc	16.3ft	15.3ft
8.3ft	6fc	20.2ft	18.9ft
10.0ft	4fc	24.3ft	22.8ft



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ZIP WAVE DYNAMIC TUNABLE WHITE

LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED



REV 01.16.20

Length Chart: Actual lengths for Zip Suspension Downlight 2K4K - Remote Power Supply

ORDERING CODE (NOMINAL SIZE)	5W (4.6 WATTS)				
	WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)			DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	
	2K WATTS	4K WATTS	POWER SUPPLY	2K4K DMX WATTAGE	POWER SUPPLY
48	20	20	PSB-2x40W-UNI-24VDC	20	PSB-100W-24VDC-2XK
51	21	21	PSB-2x40W-UNI-24VDC	21	PSB-100W-24VDC-2XK
53	22	22	PSB-2x40W-UNI-24VDC	22	PSB-100W-24VDC-2XK
56	23	23	PSB-2x40W-UNI-24VDC	23	PSB-100W-24VDC-2XK
58	24	24	PSB-2x40W-UNI-24VDC	24	PSB-100W-24VDC-2XK
60	25	25	PSB-2x40W-UNI-24VDC	25	PSB-100W-24VDC-2XK
63	26	26	PSB-2x40W-UNI-24VDC	26	PSB-100W-24VDC-2XK
65	27	27	PSB-2x40W-UNI-24VDC	27	PSB-100W-24VDC-2XK
68	28	28	PSB-2x40W-UNI-24VDC	28	PSB-100W-24VDC-2XK
70	29	29	PSB-2x40W-UNI-24VDC	29	PSB-100W-24VDC-2XK
72	30	30	PSB-2x40W-UNI-24VDC	30	PSB-100W-24VDC-2XK
75	31	31	PSB-2x40W-UNI-24VDC	31	PSB-100W-24VDC-2XK
77	32	32	PSB-2x40W-UNI-24VDC	32	PSB-100W-24VDC-2XK
80	33	33	PSB-2x40W-UNI-24VDC	33	PSB-100W-24VDC-2XK
82*	34	34	PSB-2x40W-UNI-24VDC	34	PSB-100W-24VDC-2XK
84	35	35	PSB-2x40W-UNI-24VDC	35	PSB-100W-24VDC-2XK
87	36	36	PSB-2x40W-UNI-24VDC	36	PSB-100W-24VDC-2XK
89	37	37	PSB-2x40W-UNI-24VDC	37	PSB-100W-24VDC-2XK
92	38	38	PSB-2x40W-UNI-24VDC	38	PSB-100W-24VDC-2XK
94	39	39	PSB-2x40W-UNI-24VDC	39	PSB-100W-24VDC-2XK
96	40	40	PSB-2x60W-UNI-24VDC	40	PSB-100W-24VDC-2XK
99	41	41	PSB-2x60W-UNI-24VDC	41	PSB-100W-24VDC-2XK
101	42	42	PSB-2x60W-UNI-24VDC	42	PSB-100W-24VDC-2XK
104	43	43	PSB-2x60W-UNI-24VDC	43	PSB-100W-24VDC-2XK
106	44	44	PSB-2x60W-UNI-24VDC	44	PSB-100W-24VDC-2XK
108	45	45	PSB-2x60W-UNI-24VDC	45	PSB-100W-24VDC-2XK
111	46	46	PSB-2x60W-UNI-24VDC	46	PSB-100W-24VDC-2XK
113	47	47	PSB-2x60W-UNI-24VDC	47	PSB-100W-24VDC-2XK
116	48	48	PSB-2x60W-UNI-24VDC	48	PSB-100W-24VDC-2XK
118	49	49	PSB-2x60W-UNI-24VDC	49	PSB-100W-24VDC-2XK
120**	50	50	PSB-2x60W-UNI-24VDC	50	PSB-100W-24VDC-2XK
123	51	51	PSB-2x60W-UNI-24VDC	51	PSB-100W-24VDC-2XK
125	52	52	PSB-2x60W-UNI-24VDC	52	PSB-100W-24VDC-2XK
128	53	53	PSB-2x60W-UNI-24VDC	53	PSB-100W-24VDC-2XK
130	54	54	PSB-2x60W-UNI-24VDC	54	PSB-100W-24VDC-2XK
132	55	55	PSB-2x60W-UNI-24VDC	55	PSB-100W-24VDC-2XK
135	56	56	PSB-2x60W-UNI-24VDC	56	PSB-100W-24VDC-2XK
137	57	57	PSB-2x60W-UNI-24VDC	57	PSB-100W-24VDC-2XK
140	58	58	PSB-2x60W-UNI-24VDC	58	PSB-100W-24VDC-2XK
142	59	59	PSB-2x60W-UNI-24VDC	59	PSB-100W-24VDC-2XK
144	60	60	PSB-2x96W-UNI-24VDC	60	PSB-100W-24VDC-2XK

*Maximum Chrome Length **Maximum Shipping Length

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147	61	61	PSB-2x96W-UNI-24VDC	61	PSB-100W-24VDC-2XK
149	62	62	PSB-2x96W-UNI-24VDC	62	PSB-100W-24VDC-2XK
152	63	63	PSB-2x96W-UNI-24VDC	63	PSB-100W-24VDC-2XK
154	64	64	PSB-2x96W-UNI-24VDC	64	PSB-100W-24VDC-2XK
156	65	65	PSB-2x96W-UNI-24VDC	65	PSB-100W-24VDC-2XK
159	66	66	PSB-2x96W-UNI-24VDC	66	PSB-100W-24VDC-2XK
161	67	67	PSB-2x96W-UNI-24VDC	67	PSB-100W-24VDC-2XK
164	68	68	PSB-2x96W-UNI-24VDC	68	PSB-100W-24VDC-2XK
166	69	69	PSB-2x96W-UNI-24VDC	69	PSB-100W-24VDC-2XK
168	70	70	PSB-2x96W-UNI-24VDC	70	PSB-100W-24VDC-2XK
171	71	71	PSB-2x96W-UNI-24VDC	71	PSB-100W-24VDC-2XK
173	72	72	PSB-2x96W-UNI-24VDC	72	PSB-100W-24VDC-2XK
176	73	73	PSB-2x96W-UNI-24VDC	73	PSB-100W-24VDC-2XK
178	74	74	PSB-2x96W-UNI-24VDC	74	PSB-100W-24VDC-2XK
180	75	75	PSB-2x96W-UNI-24VDC	75	PSB-100W-24VDC-2XK
183	76	76	PSB-2x96W-UNI-24VDC	76	PSB-100W-24VDC-2XK
185	77	77	PSB-2x96W-UNI-24VDC	77	PSB-100W-24VDC-2XK
188	78	78	PSB-2x96W-UNI-24VDC	78	PSB-100W-24VDC-2XK
190	79	79	PSB-2x96W-UNI-24VDC	79	PSB-100W-24VDC-2XK
192	80	80	PSB-2x96W-UNI-24VDC	80	PSB-100W-24VDC-2XK
195	81	81	PSB-2x96W-UNI-24VDC	81	PSB-100W-24VDC-2XK
197	82	82	PSB-2x96W-UNI-24VDC	82	PSB-100W-24VDC-2XK
200	83	83	PSB-2x96W-UNI-24VDC	83	PSB-100W-24VDC-2XK
202	84	84	PSB-2x96W-UNI-24VDC	84	PSB-100W-24VDC-2XK
204	85	85	PSB-2x96W-UNI-24VDC	85	PSB-100W-24VDC-2XK
207	86	86	PSB-2x96W-UNI-24VDC	86	PSB-100W-24VDC-2XK
209	87	87	PSB-2x96W-UNI-24VDC	87	PSB-100W-24VDC-2XK
212	88	88	PSB-2x96W-UNI-24VDC	88	PSB-100W-24VDC-2XK
214	89	89	PSB-2x96W-UNI-24VDC	89	PSB-100W-24VDC-2XK
216	90	90	PSB-2x96W-UNI-24VDC	90	PSB-100W-24VDC-2XK
219	91	91	PSB-2x96W-UNI-24VDC	91	PSB-100W-24VDC-2XK
221	92	92	PSB-2x96W-UNI-24VDC	92	PSB-100W-24VDC-2XK
224	93	93	PSB-2x96W-UNI-24VDC	93	PSB-100W-24VDC-2XK
226	94	94	PSB-2x96W-UNI-24VDC	94	PSB-100W-24VDC-2XK
228	95	95	PSB-2x96W-UNI-24VDC	95	PSB-100W-24VDC-2XK
231	96	96	PSB-2x96W-UNI-24VDC	96	PSB-100W-24VDC-2XK
233	97	97	PSB-2x96W-UNI-24VDC	97	PSB-100W-24VDC-2XK
236	98	98	PSB-2x96W-UNI-24VDC	98	PSB-100W-24VDC-2XK
238	99	99	PSB-2x96W-UNI-24VDC	99	PSB-100W-24VDC-2XK
240	100	100	PSB-2x96W-UNI-24VDC	100	PSB-100W-24VDC-2XK

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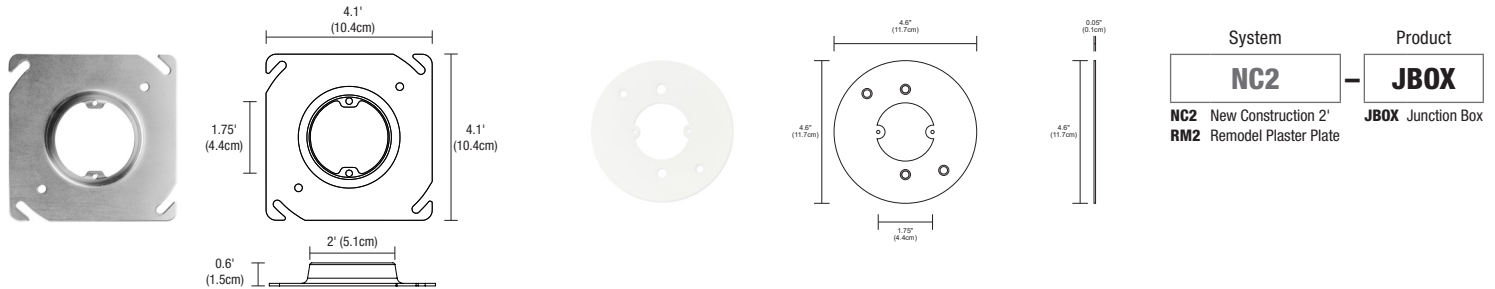
ZIP WAVE DYNAMIC TUNABLE WHITE

LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED

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

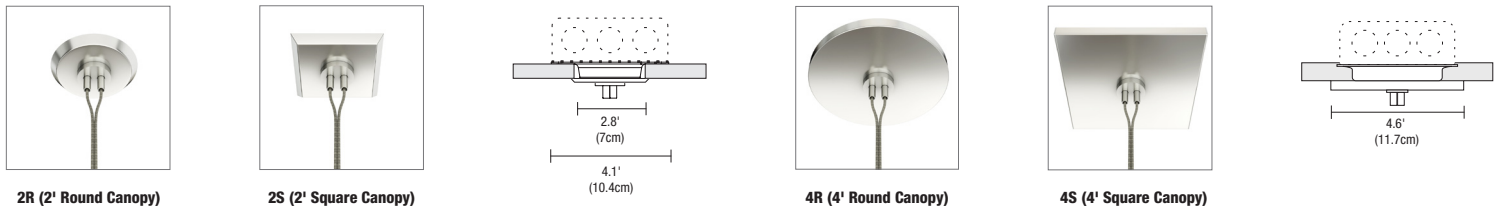
NEW CONSTRUCTION & REMODEL 2' COVER FOR 4' SQUARE JUNCTION BOX

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.



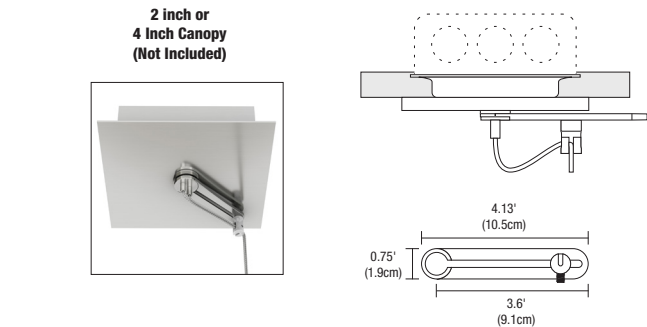
CIRRUS REMOTE POWER CANOPIES (INCLUDED)

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.



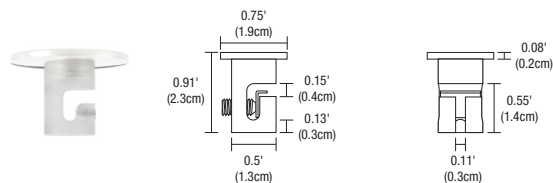
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

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).



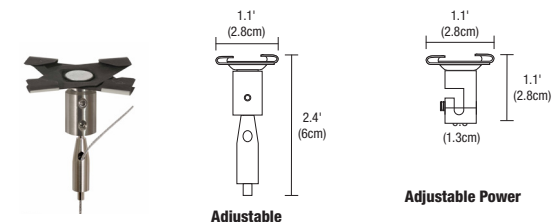
CHANNEL SUSPENSION SWAG HOOK

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.

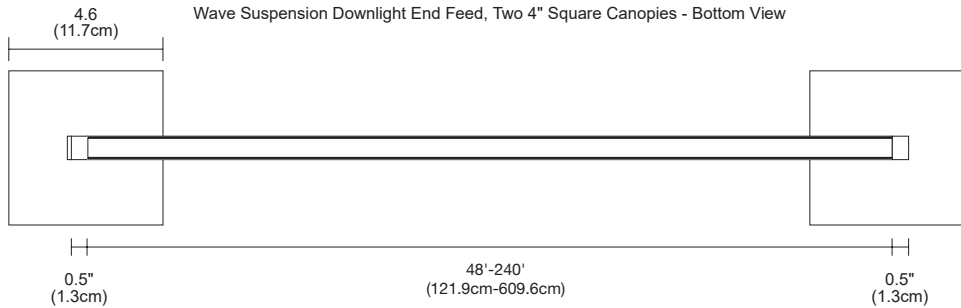
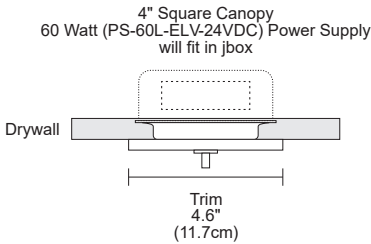
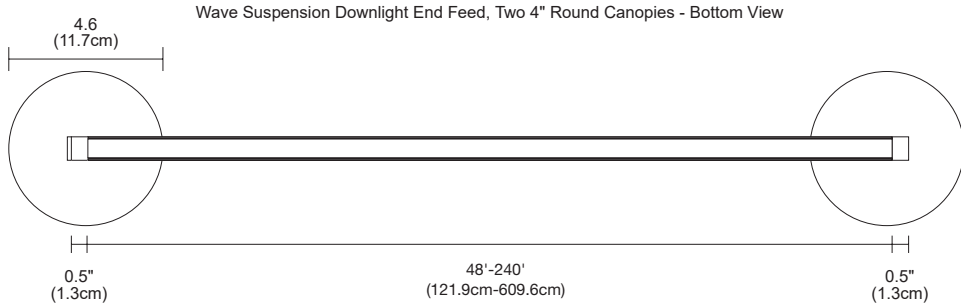
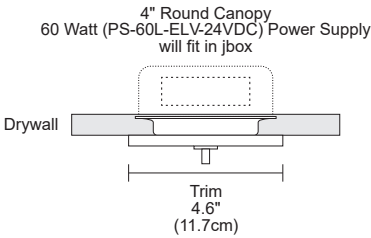
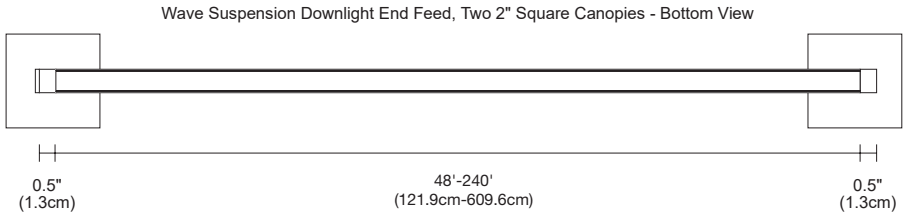
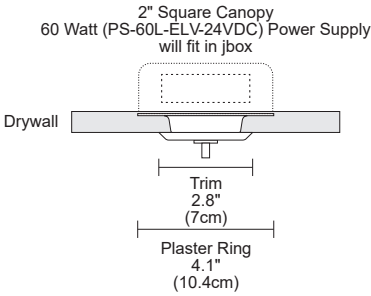
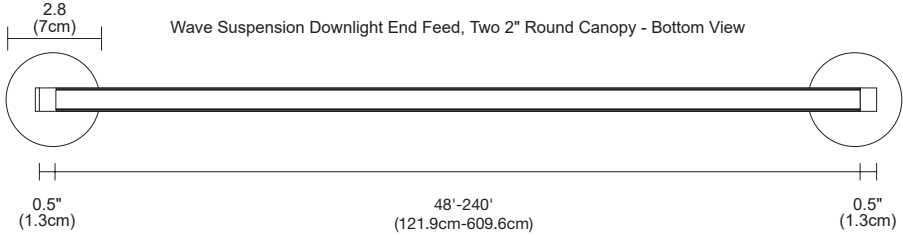
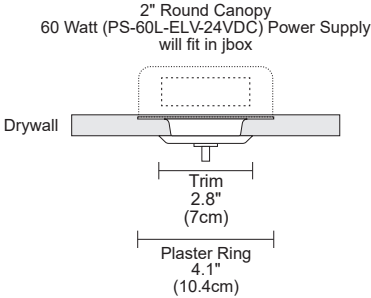


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ZIP WAVE DYNAMIC TUNABLE WHITE

LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED

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



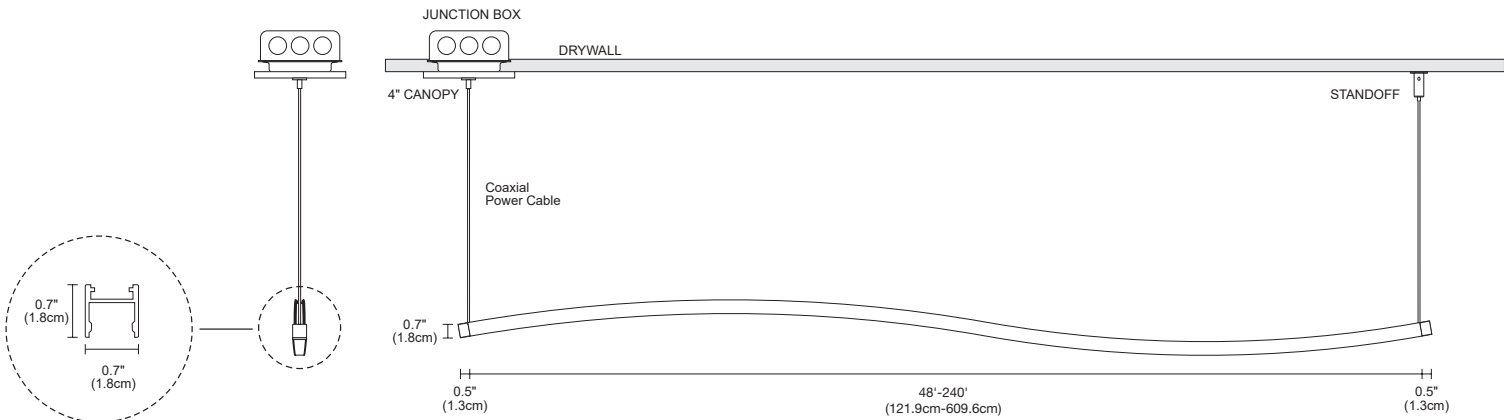
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ZIP WAVE DYNAMIC TUNABLE WHITE

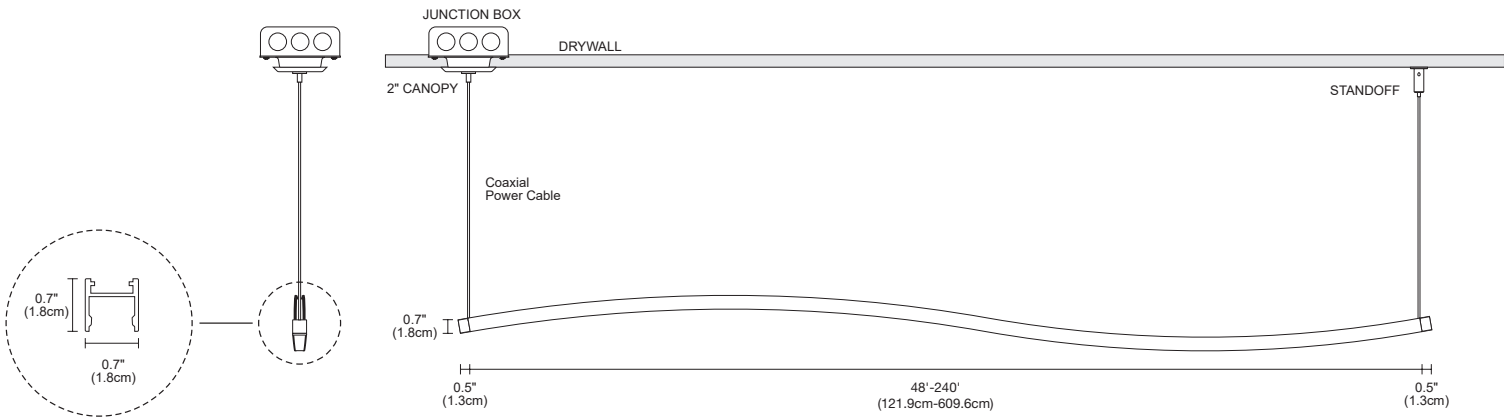
LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED

Drawings: Side-view shown with 2 or 4 inch canopy

Zip Wave Suspension Downlight with Remote Power 4' Canopy Shown with Louver



Zip Wave Suspension Downlight with Remote Power 2' Canopy Shown with Louver



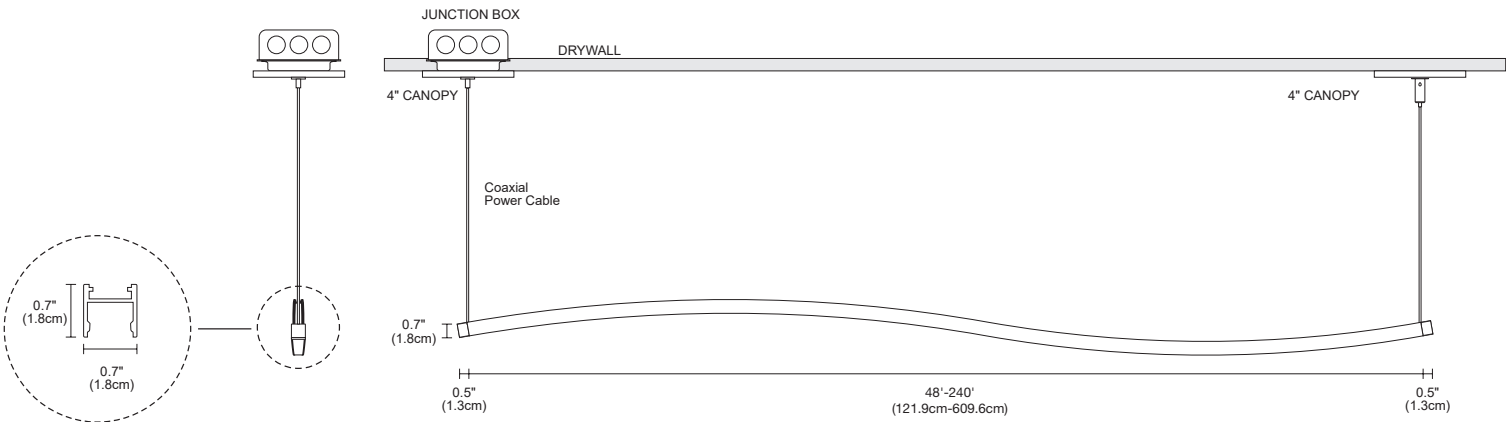
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ZIP WAVE DYNAMIC TUNABLE WHITE

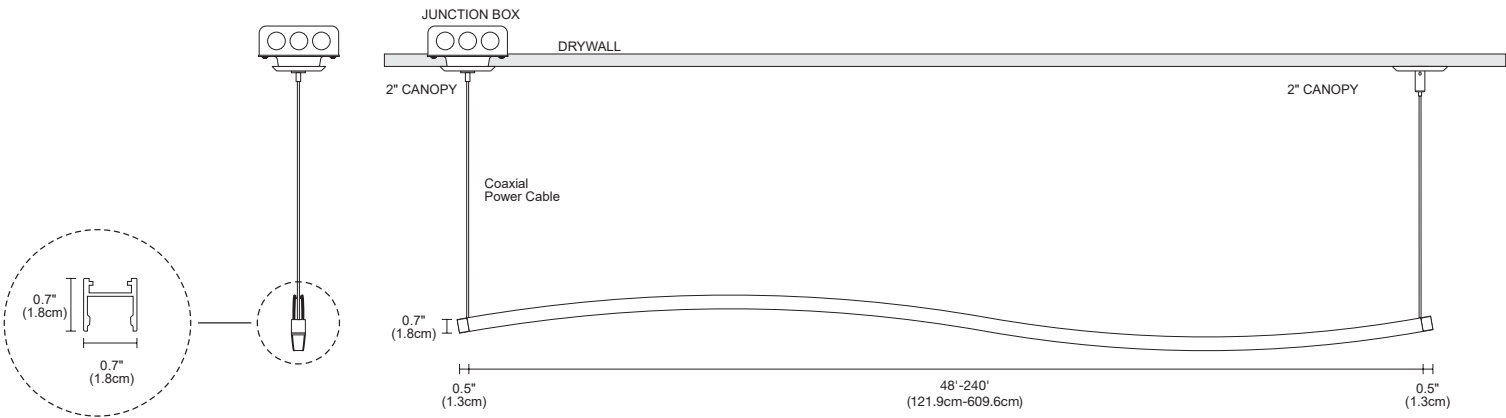
LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED

Drawings: Side-view shown with two 2 and 4 inch canopies; one for remote power, one blank

Zip Wave Suspension Downlight with Remote Power 4' Canopies Shown with Louver



Zip Wave Suspension Downlight with Remote Power 2' Canopies Shown with Louver



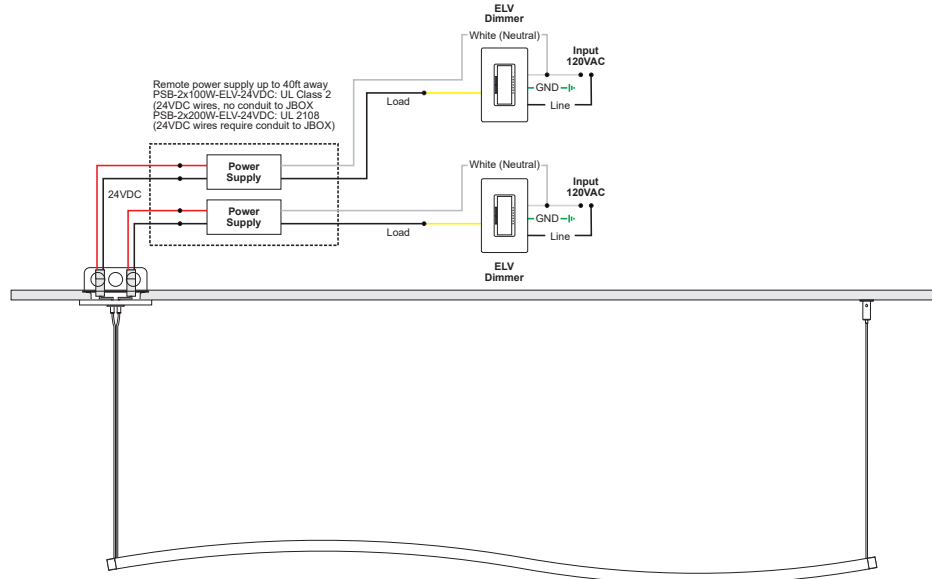
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ZIP WAVE DYNAMIC TUNABLE WHITE

LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED

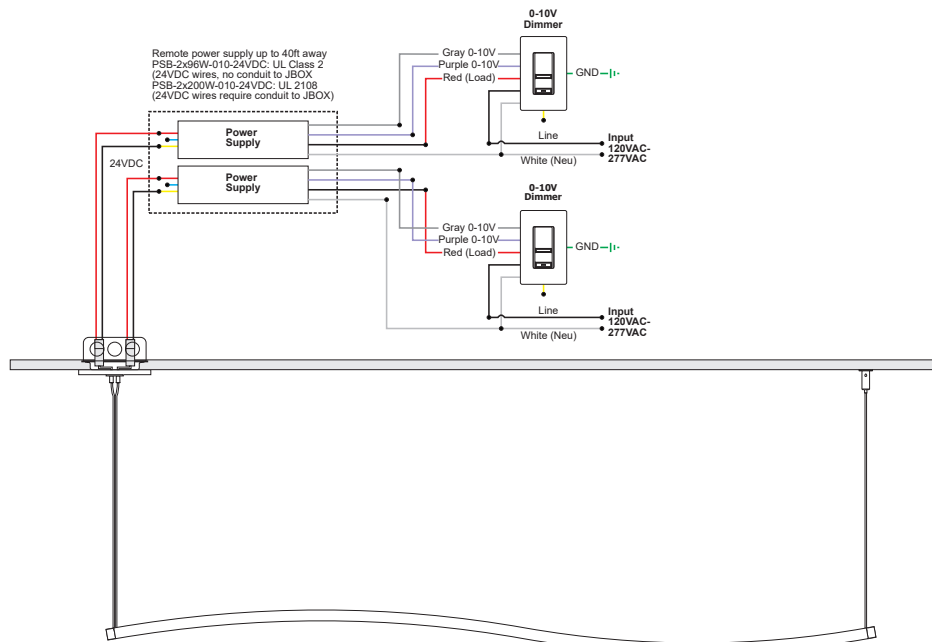
Wiring Diagram: Wiring diagram for Tunable White with Dual ELV Dimmers

- Application:** ELV dimming for Zip Wave Suspension Downlight with Remote Power, End Feed Canopy, Tunable White 2000K-4000K
- Remote Power Supplies:** Class 2, 24VDC output: 120VAC input, PSB-2X100W-ELV-24VDC: Class 2 (24VDC wires, no conduit to J-Box)
PSB-2X200W-ELV-24VDC: UL 2108 (24VDC wires require conduit to J-Box)
- Dimming:** Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELVz-300P, Maestro MAELV-600 and Radio Ra 2



Wiring Diagram: Wiring diagram for Tunable White with Dual 0-10 Volt Dimmers

- Application:** 0-10V dimming for Zip Wave Suspension Downlight with Remote Power, End Feed Canopy, Static White
- Remote Power Supplies:** Class 2, 24VDC output: 120/277 VAC input, PSB-2X96W-010-24VDC: Class 2 (24VDC wires, no conduit to J-Box)
PSB-2X200W-010-24VDC: UL 2108 (24VDC wires require conduit to J-Box)
- Dimming:** Dimmable with 0-10 dimmer: Philips: Sunrise SR1200ZTUNV; Lutron: Diva DDTV-WH, Nova-T NTSTV-DV-XX, Grafix Eye QS QSGRJ-XP, Radio RA2 RRD-1-ND; Leviton: LEV40050, IP710-LFZ; Legrand ADPD4FBL3P2W4



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

REV 07.16.20

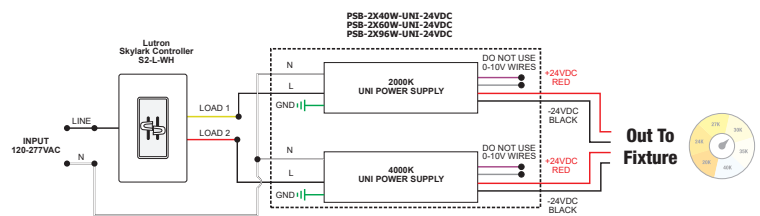
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
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.

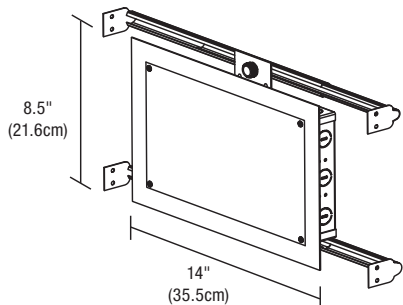
MAXIMUM LENGTH

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 07.16.20

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	•	•	•

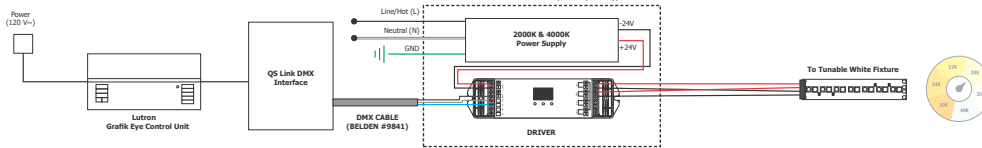
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-Lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

*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.

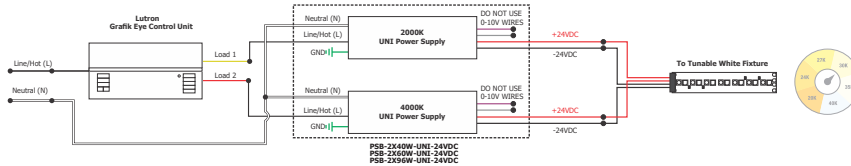
**Tunable White (2K4K) uses one or two power supplies, dependent on the controller or dimmer(s) used.

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.

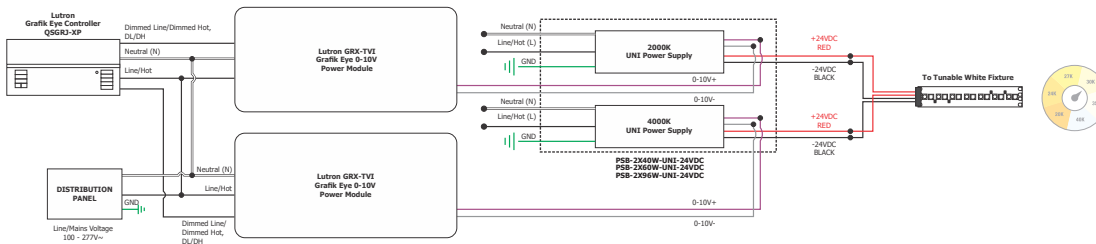
WIRING DIAGRAM: DMX Control with Lutron Grafik Eye Control Unit



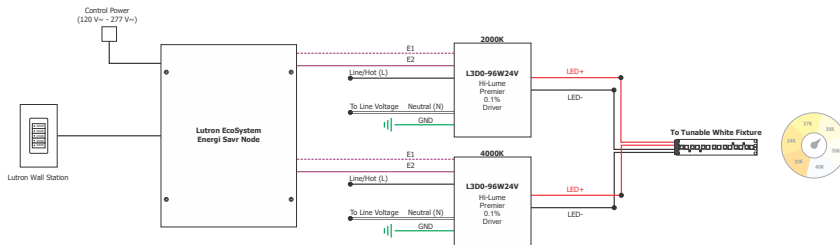
WIRING DIAGRAM: Line Voltage Dimming with Lutron Grafik Eye Control Unit



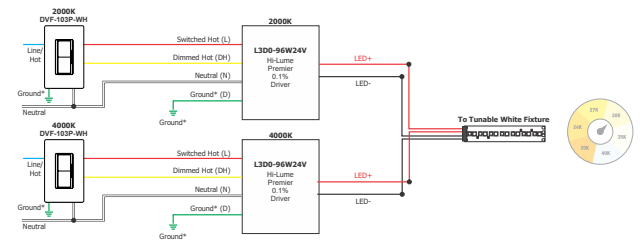
WIRING DIAGRAM: 0-10V Dimming with Lutron Grafik Eye Control Unit or Wall box controller



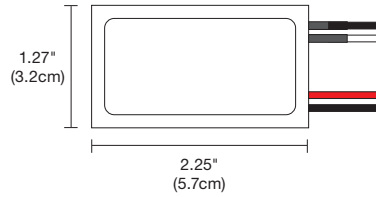
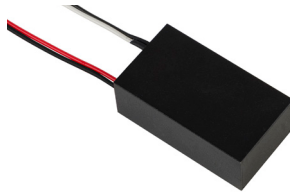
WIRING DIAGRAM: 2-Wire EcoSystem Panel



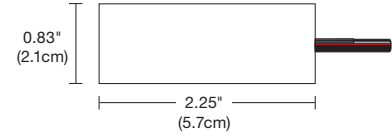
WIRING DIAGRAM: 3-Wire EcoSystem Wall Box



PROJECT	FIXTURE TYPE	DATE
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Top View



Side View

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.

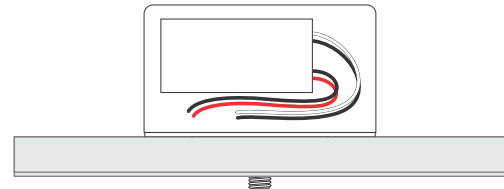
**Electrical Panels using Siemens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker.*

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

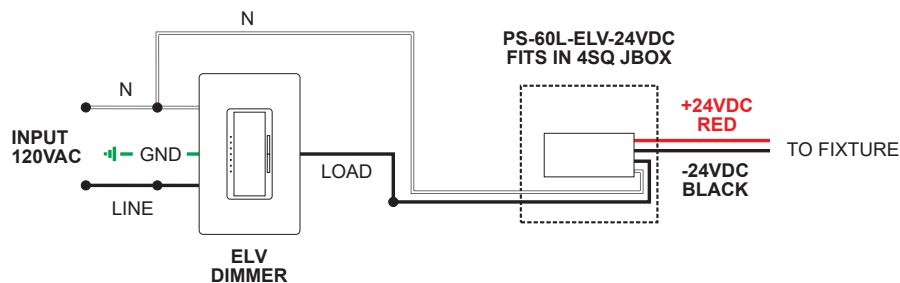


Product	Wattage	Dimming	Voltage
PS	60L	ELV	24VDC
PS Power Supply	60W 60 Watt	ELV Electronic Low Voltage	24VDC 24 Volt DC

SAMPLE WIRING DIAGRAMS 24VDC ELV

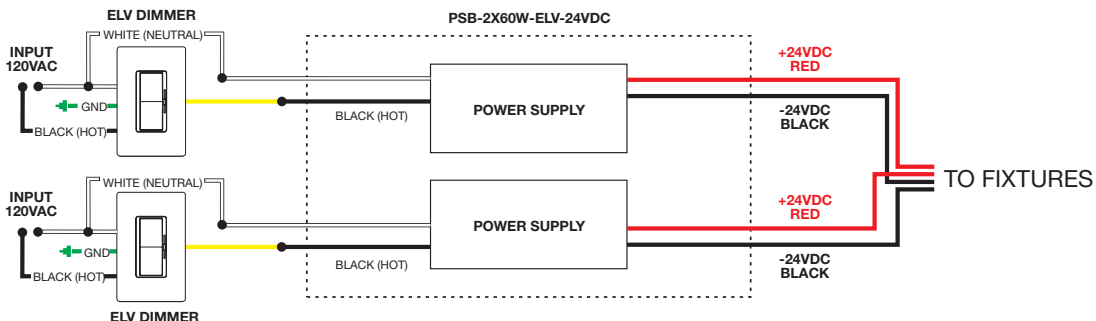
Application: ELV dimming for Static White

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

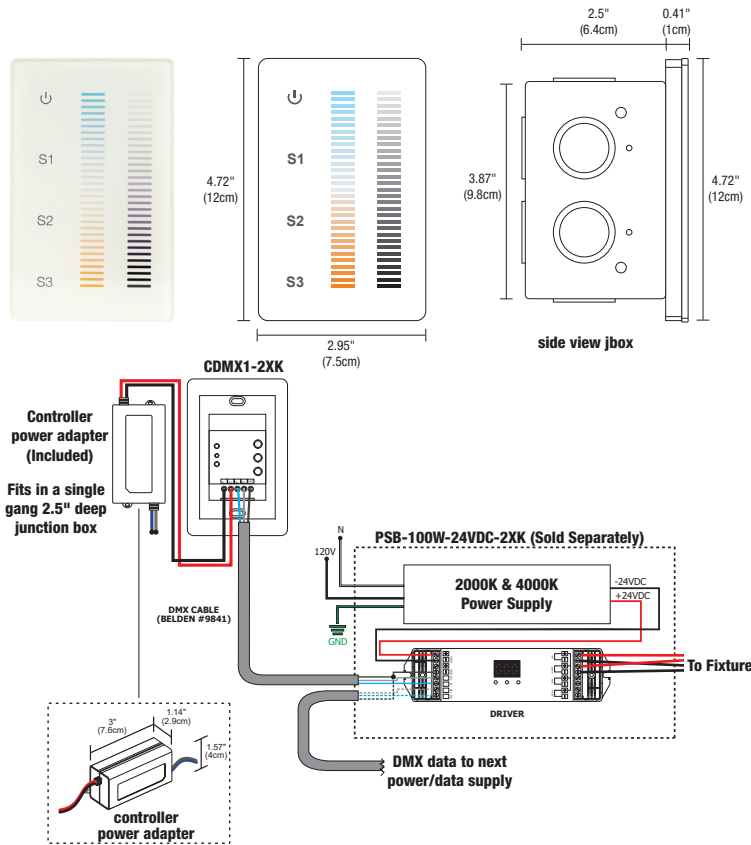


Application: Dual ELV dimming for Dynamic/Tunable White 2000K-4000K

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

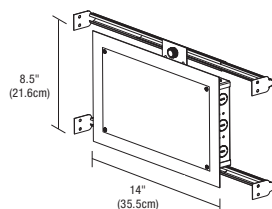
DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS*

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.

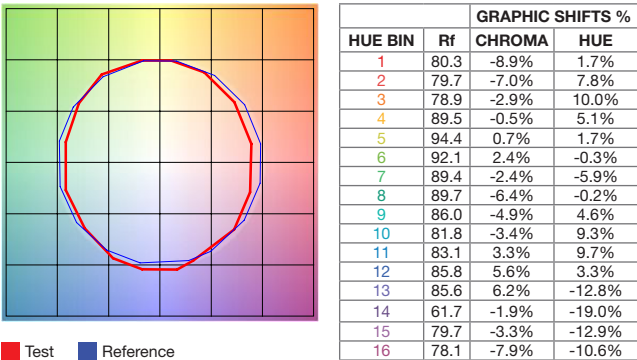
Ordering Codes: PSB-100W-24VDC-2XK-IW

PROJECT	FIXTURE TYPE	DATE
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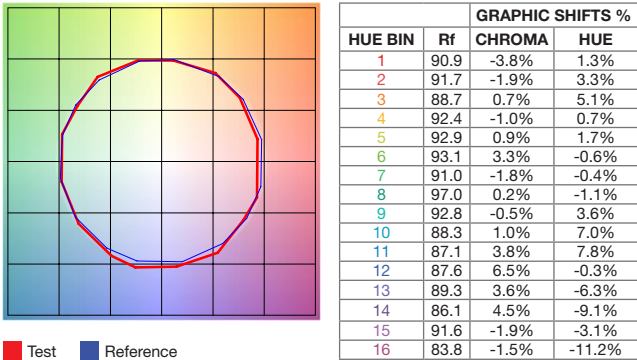
SUSPENSION TM30 DATA
LED SUSPENSION DOWNLIGHT WITH REMOTE POWER - END FEED

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.

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



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



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

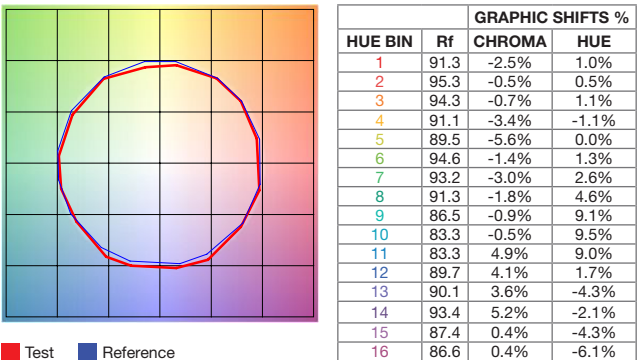


Table with 4 columns: PROJECT, FIXTURE TYPE, DATE, and an empty column.