



DESCRIPTION

Cirrus T1 Suspension with Remote 24VDC power supply (sold separately) is a linear LED fixture that offers direct light in a clean, contemporary style. The Cirrus T1 is available in various increments from 12" to 420" (35'), with a 176° beam spread, a variety of finishes. Choose from nine standard color temperatures ranging from 2200k to 5700k, including two Warm Dim options of **(27D)** 2700K or **(30D)** 3000K that dim down to 2000K. Fixture includes a 5 year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

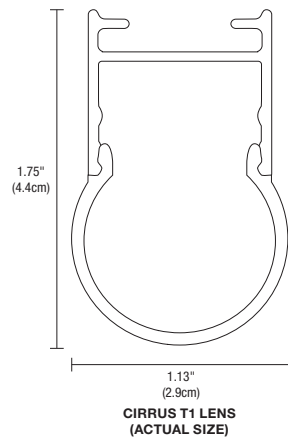
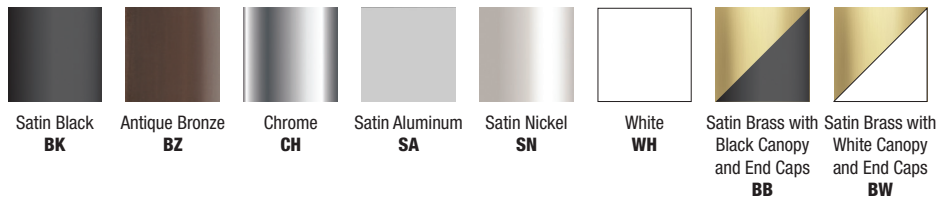
Wattages for this fixture are available in the following options:

- 2W - 2.5 Watts per Foot, Lengths up to 420" (35')
- 5W - 4.4 Watts per Foot, Lengths up to 240" (20')
- 7W - 7.3 Watts per Foot, Lengths up to 160" (13.3')
- 10W - 9.6 Watts per Foot, Lengths up to 120" (10')

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" or 4.6", available in Round and Square, Pairs - One for remote power and one for a blank end cap, and VR (Vanishing Point)
- Includes adjustable 12' Coaxial and Aircraft Cables (additional Aircraft Cables included for support when fixture exceeds 72")
- Power Supplies sold separately

FINISHES



LENSES

Diffused White T1 Tubular Lens, 176° Beam Spread

APPLICATIONS

Designed for indoor use only. Ideal environments include: Kitchens, Dining Rooms, Hallways, Conference Rooms, Offices, Architectural, and Retail

LAMPING OPTIONS

- 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 & CONTROLS (SOLD SEPARATELY)

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

*In-Wall Mounting Kits available for select power supplies

APPROVALS

Class 2 Wiring, Damp Location Suitable, ETL listed. Title 24 with Universal Power Supply

System	Wattage Per Foot	Canopy	Nominal Size (Inches)	Color Temperature	Finish
CST1	2W	2R	420	22K	SN
CST1 Cirrus Suspension Tubular 1 Lens	2W 2.5 Watts (420" max, 35') 5W 5 Watts (240" max, 20') 7W 7.5 Watts (160" max, 13.3') 10W 10 Watts (120" max, 10')	2R 2.8" Round Canopy 2S 2.8" Square Canopy 4R 4.6" Round Canopy 4S 4.6" Square Canopy VR Vanishing Point Plaster in system with No Canopy 2R2 2 x 2.8" Round Canopies 2S2 2 x 2.8" Square Canopies 4R2 2 x 4.6" Round Canopies 4S2 2 x 4.6" Square Canopies	12-420 Order in various increments from 12"-420" (Maximum shipping length). Maximum shipping length for Chrome is 84". *See length chart on pg 2 for exact dimensions	22K 2200K Amber White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5W only, 20' max) 30K 3000K Warm White 30D 3000K Warm Dim (5W only, 20' max) 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White	BK Satin Black BZ Antique Bronze CH Chrome SA Satin Aluminum SN Satin Nickel WH White BB Satin Brass with Black Canopy and End Caps BW Satin Brass with White Canopy and End Caps

PROJECT	FIXTURE TYPE	DATE
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CIRRUS SUSPENSION T1

TUBULAR 1 WITH REMOTE POWER, END FEED



REV 05.21.20

LENGTH CHART Actual lengths for Cirrus Suspension T1

22K, 24K, 27K, 30K, 35K, 40K, & 57K														
Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (2W)	Total Wattage (5W)	Total Wattage (7W)	Total Wattage (10W)	Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (2W)	Total Wattage (5W)	Total Wattage (7W)	Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (2W)	
12	13.1	2	5	8	10	149	31	31	62	93	286	287.2	60	
15	15.5	3	6	9	12	152	32	32	63	95	288	289.6	60	
17	17.9	4	7	11	14	154	32	32	64	96	291	292.0	61	
20	20.3	4	8	13	17	156	33	33	65	98	293	294.4	61	
22	22.7	5	9	14	18	159	33	33	66	99	296	296.8	62	
24	25.1	5	10	15	20	161	34	34	67		298	299.2	62	
27	27.5	6	11	17	22	164	34	34	68		300	301.6	63	
29	29.9	6	12	18	24	166	35	35	69		303	304.0	63	
32	32.3	7	13	20	27	168	35	35	70		305	306.4	64	
34	34.7	7	14	21	28	171	36	36	71		308	308.8	64	
36	37.1	7	15	23	30	173	36	36	72		310	311.2	65	
39	39.5	8	16	24	32	176	37	37	73		312	313.6	65	
41	41.9	9	17	26	34	178	37	37	74		315	316.0	66	
44	44.3	9	18	28	37	180	38	38	75		317	318.4	66	
46	46.7	10	19	29	38	183	38	38	76		320	320.8	67	
48	49.1	10	20	30	40	185	39	39	77		322	323.2	67	
51	51.5	11	21	32	42	188	39	39	78		324	325.6	68	
53	53.9	11	22	33	44	190	40	40	79		327	328.0	68	
56	56.3	12	23	35	47	192	40	40	80		329	330.4	69	
58	58.7	12	24	36	48	195	41	41	81		332	332.8	69	
60	61.1	12	25	38	50	197	41	41	82		334	335.2	70	
63	63.5	13	26	39	52	200	42	42	83		336	337.6	70	
65	65.9	14	27	41	54	202	42	42	84		339	340.0	71	
68	68.3	14	28	43	57	204	43	43	85		341	342.4	71	
70	70.7	15	29	44	58	207	43	43	86		344	344.8	72	
72	73.1	15	30	45	60	209	44	44	87		346	347.2	72	
75	75.5	16	31	47	62	212	44	44	88		348	349.6	73	
77	77.9	16	32	48	64	214	45	45	89		351	352.0	73	
80	80.3	17	33	50	67	216	45	45	90		353	354.4	74	
82	82.7	17	34	51	68	219	46	46	91		356	356.8	74	
84*	85.1	17	35	53	70	221	46	46	92		358	359.2	75	
87	87.5	18	36	54	72	224	47	47	93		360	361.6	75	
89	89.9	19	37	56	74	226	47	47	94		363	364.0	76	
92	92.3	19	38	58	77	228	48	48	95		365	366.4	76	
94	94.7	20	39	59	78	231	48	48	96		368	368.8	77	
96	97.1	20	40	60	80	233	49	49	97		370	371.2	77	
99	99.5	21	41	62	82	236	49	49	98		372	373.6	78	
101	101.9	21	42	63	84	238	50	50	99		375	376.0	78	
104	104.3	22	43	65	87	240	50	50	100		377	378.4	79	
106	106.7	22	44	66	88	243	51	51			380	380.8	79	
108	109.1	22	45	68	90	245	51	51			382	383.2	80	
111	111.5	23	46	69	92	248	52	52			384	385.6	80	
113	113.9	24	47	71	94	250	52	52			387	388.0	81	
116	116.3	24	48	73	97	252	53	53			389	390.4	81	
118	118.7	25	49	74	98	255	53	53			392	392.8	82	
120**	121.1	25	50	75	100	257	54	54			394	395.2	82	
123	123.6	26	51	77		260	54	54			396	397.6	83	
125	126.0	26	52	78		262	55	55			399	400.0	83	
128	128.4	27	53	80		264	55	55			401	402.4	84	
130	130.8	27	54	81		267	56	56			404	404.8	84	
132	133.2	28	55	83		269	56	56			406	407.2	85	
135	135.6	28	56	84		272	57	57			408	409.6	85	
137	138.0	29	57	86		274	57	57			411	412.0	86	
140	140.4	29	58	87		276	58	58			413	414.4	86	
142	142.8	30	59	89		279	58	58			416	416.8	87	
144	145.2	30	60	90		281	59	59			418	419.2	87	
147	147.6	31	61	92		284	59	59			420	421.6	88	

*Maximum Chrome Shipping Length **Max Shipping Length

PROJECT	FIXTURE TYPE	DATE
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CIRRUS SUSPENSION T1

TUBULAR 1 WITH REMOTE POWER, END FEED



REV 05.21.20

LENGTH CHART Actual lengths for Cirrus Suspension T1

27D & 30D - WARM DIM					
Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (5W)	Nominal Length (Inches)	Actual Length (Inches)	Total Wattage (5W)
12	13.1	5	129	130.2	54
15	16.1	6	132	133.2	55
18	19.1	8	135	136.2	56
21	22.1	9	138	139.2	58
24	25.1	10	141	142.2	59
27	28.1	11	144	145.2	60
30	31.1	13	147	148.2	61
33	34.1	14	150	151.2	63
36	37.1	15	153	154.2	64
39	40.1	16	156	157.2	65
42	43.1	18	159	160.2	66
45	46.1	19	162	163.2	68
48	49.1	20	165	166.2	69
51	52.1	21	168	169.2	70
54	55.1	23	171	172.2	71
57	58.1	24	174	175.2	73
60	61.1	25	177	178.2	74
63	64.1	26	180	181.2	75
66	67.1	28	183	184.2	76
69	70.1	29	186	187.2	78
72	73.1	30	189	190.2	79
75	76.1	31	192	193.2	80
78	79.1	33	195	196.2	81
81	82.1	34	198	199.2	83
84	85.1	35	201	202.2	84
87	88.1	36	204	205.2	85
90	91.1	38	207	208.2	86
93	94.1	39	210	211.2	88
96	97.1	40	213	214.2	89
99	100.1	41	216	217.2	90
102	103.1	43	219	220.2	91
105	106.1	44	222	223.2	93
108	109.1	45	225	226.2	94
111	112.1	46	228	229.2	95
114	115.1	48	231	232.2	96
117	118.1	49	234	235.2	98
120**	121.1	50	237	238.2	99
123	124.2	51	240	241.2	100
126	127.2	53			

*Maximum Chrome Shipping Length **Max Shipping Length

PROJECT	FIXTURE TYPE	DATE
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LAMP DATA Lamp Data for Cirrus Suspension T1

CST1																																
DIFFUSED TUBULAR 1 LENS																																
DESCRIPTION	2W (2.5 watts)								5W (4.4 watts)								7W (7.3 watts)								10W (9.6 watts)							
WATTS PER FOOT																																
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K		
LUMENS PER FOOT (lm/ft)	118	131	144	157	180	196	208	229	254.5	280	316	306	345	350	380	405	364	404	444	485	556	604	643	430	477.5	525	573	656	714	760		
LUMENS PER WATT (lm/w)	47	52.5	58	63	72	78	83	52	58	64	72	69	78	80	86	92	50	55.5	61	66	76	83	88	45	50	55	60	68	74	79		
CRI	85+	90+	95+	95+	85+	84	84	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)

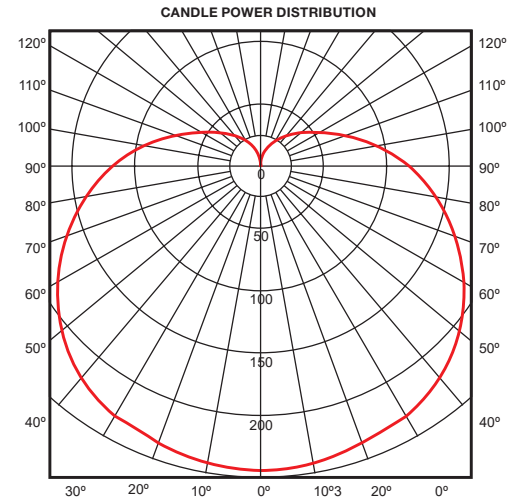
8', 176° AT 3000K

2 Watt 176°		
Distance	Foot Candles	
1'	66	
1.5'	44	
2'	33	
3'	22	
4'	16	
5'	12	
6'	9	
7'	7	
8'	6	

5 Watt 176°		
Distance	Foot Candles	
1'	110	
1.5'	71	
2'	54	
3'	36	
4'	26	
5'	19	
6'	15	
7'	12	
8'	10	

7 Watt 176°		
Distance	Foot Candles	
1'	173	
1.5'	115	
2'	87	
3'	58	
4'	42	
5'	31	
6'	25	
7'	20	
8'	17	

10 Watt 176°		
Distance	Foot Candles	
1'	183	
1.5'	123	
2'	91	
3'	60	
4'	43	
5'	32	
6'	25	
7'	20	
8'	18	



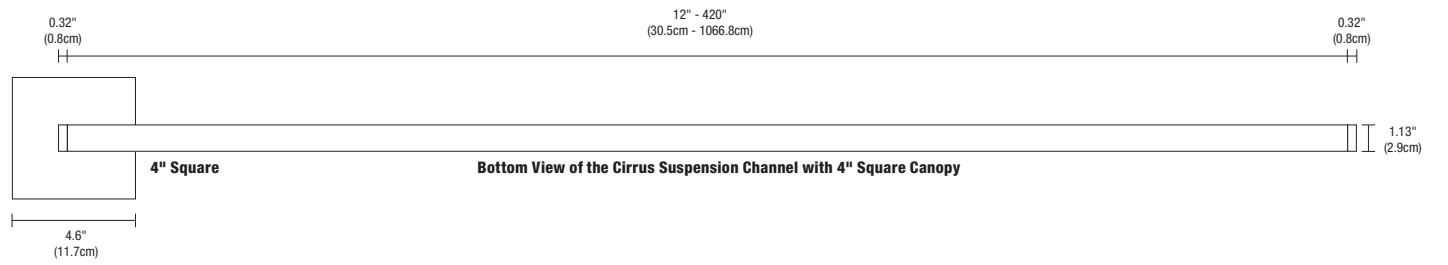
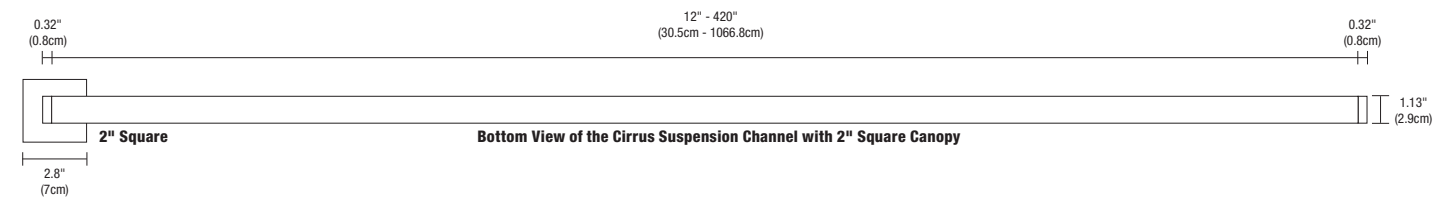
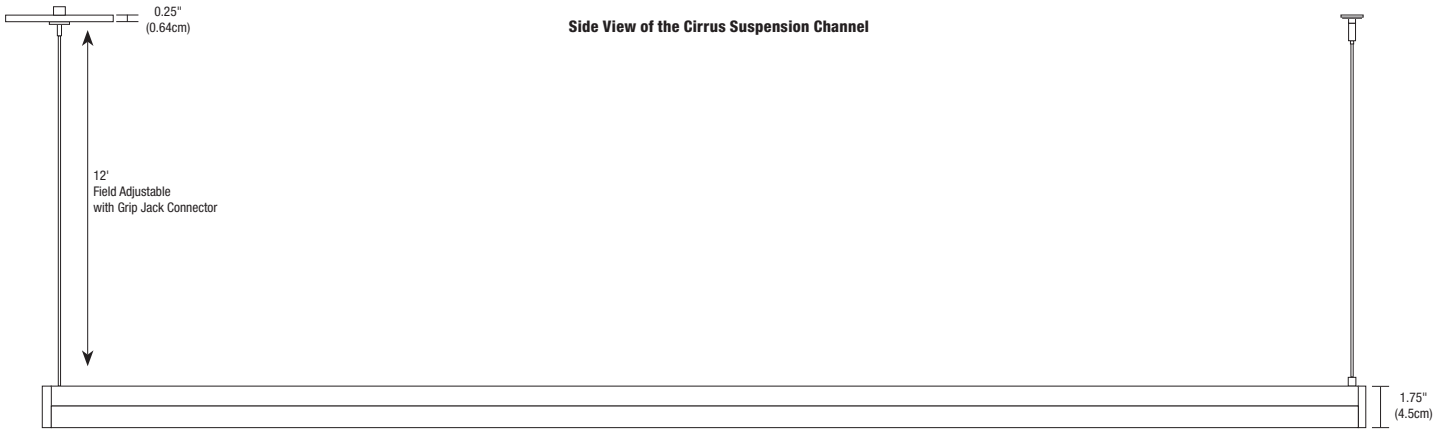
176° BEAM SPREAD



DIFFUSED WHITE LENS

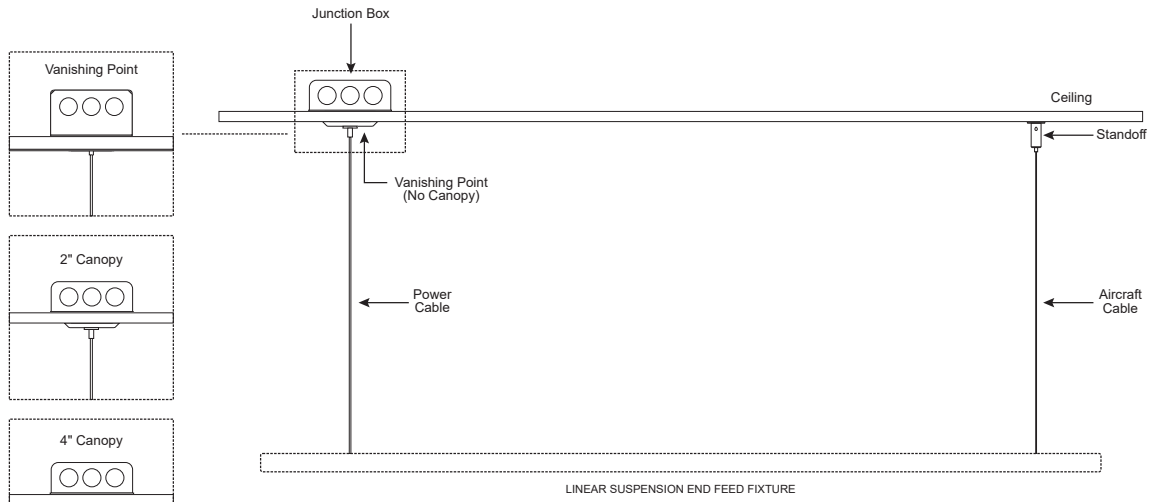
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CANOPY Sizes & Wattages for Cirrus Suspension T1

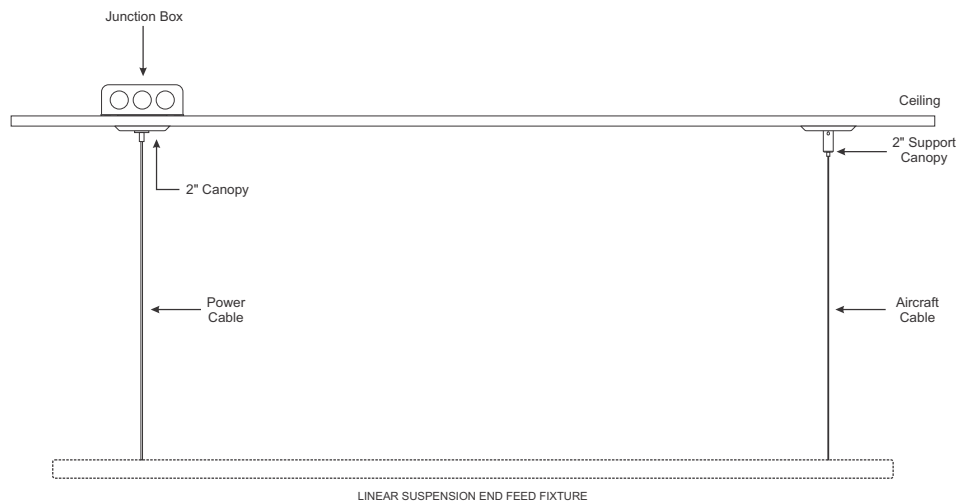


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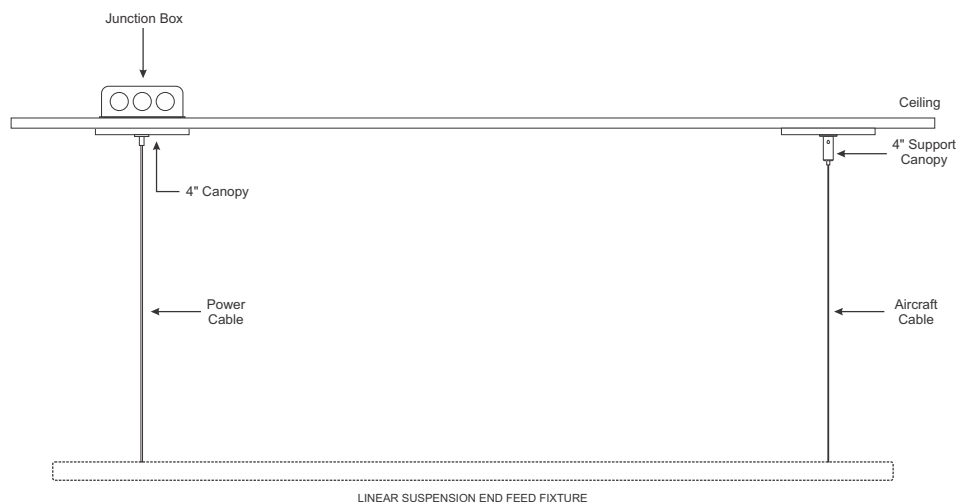
DRAWINGS Side-View shown with two 2" and 4" Canopies; one for Remote Power, one Blank



General End Feed for Linear Suspension



General 2S2 & 2R2 for Linear Suspension



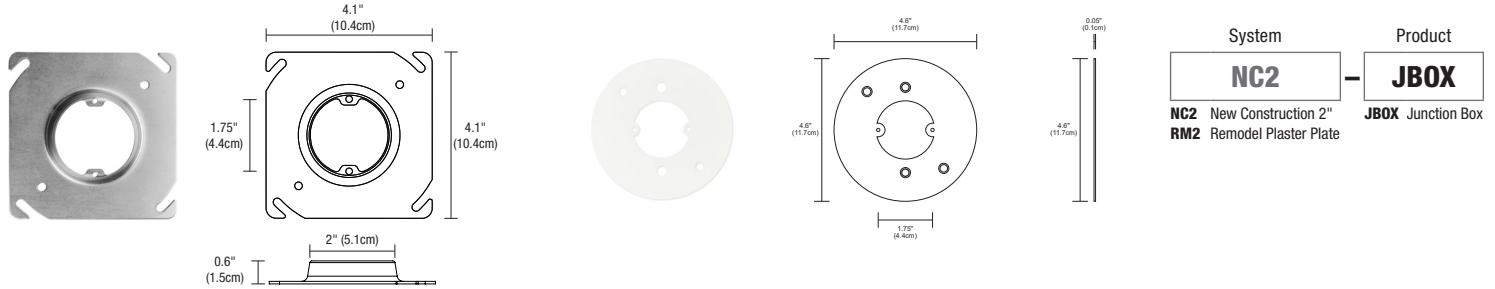
General 4S2 & 4R2 for Linear Suspension

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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

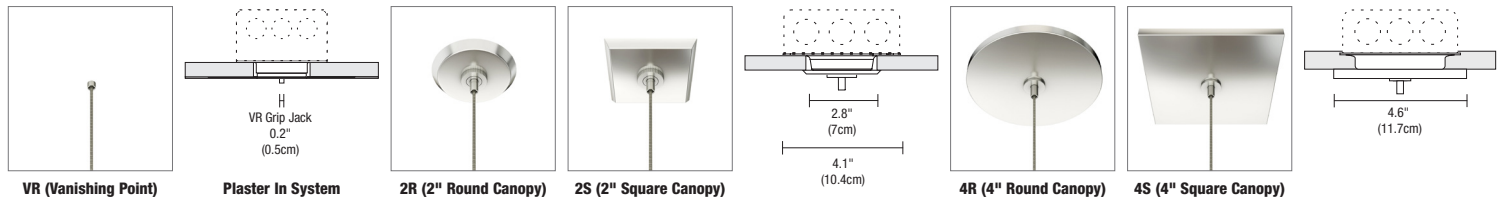
NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

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.

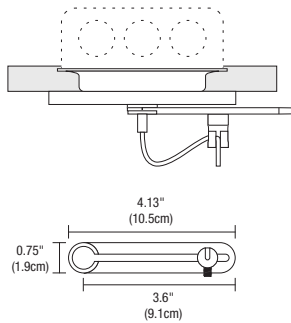


CIRRUS REMOTE POWER CANOPIES (INCLUDED)

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.

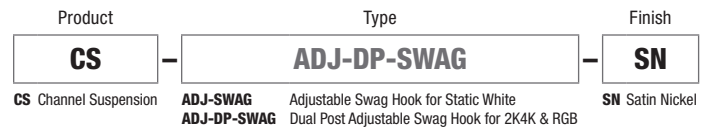


2 inch or 4 inch Canopy (Not Included)



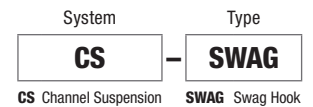
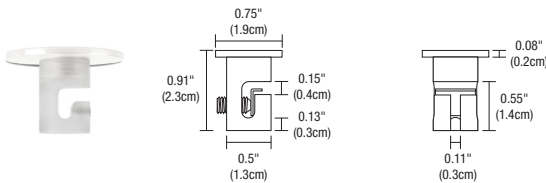
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

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).



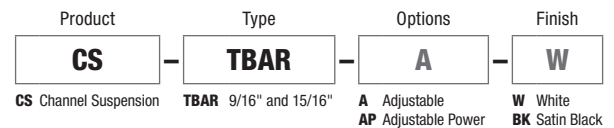
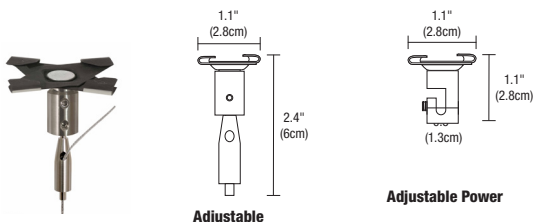
CHANNEL SUSPENSION SWAG HOOK

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

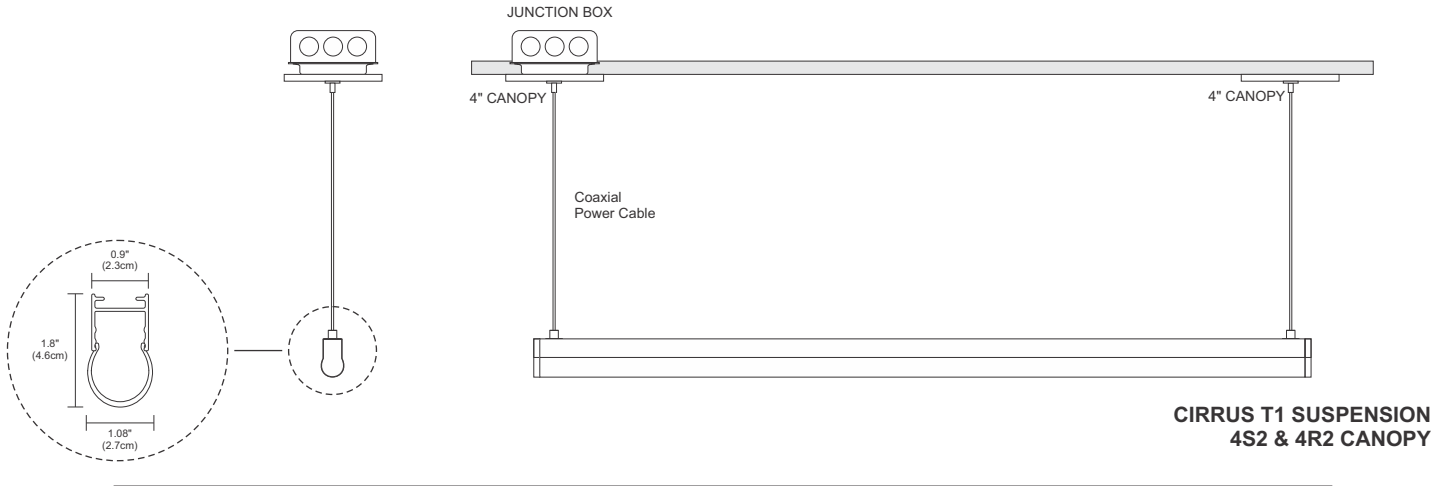
Channel Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel Hardware as Adjustable Power and Non-Power versions.



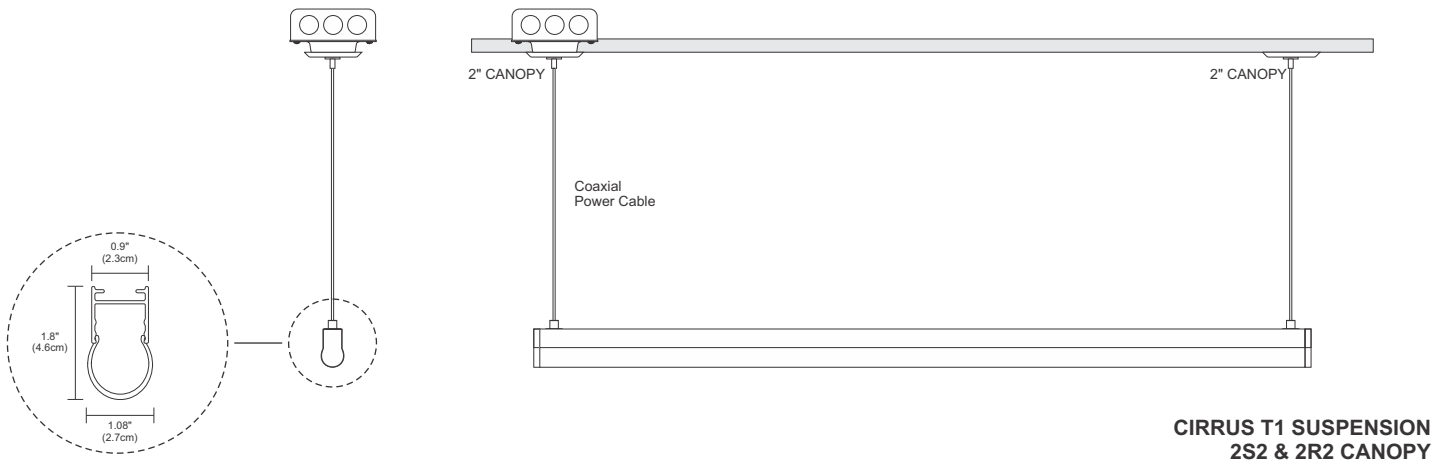
PROJECT	FIXTURE TYPE	DATE
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DRAWINGS Side-View shown with two 2" and 4" Canopies; one for Remote Power, one Blank

Cirrus Suspension Downlight with Remote Power 4R2, 4S2, 4" Canopy Shown



Cirrus Suspension Downlight with Remote Power 2R2, 2S2, 2" Canopy Shown



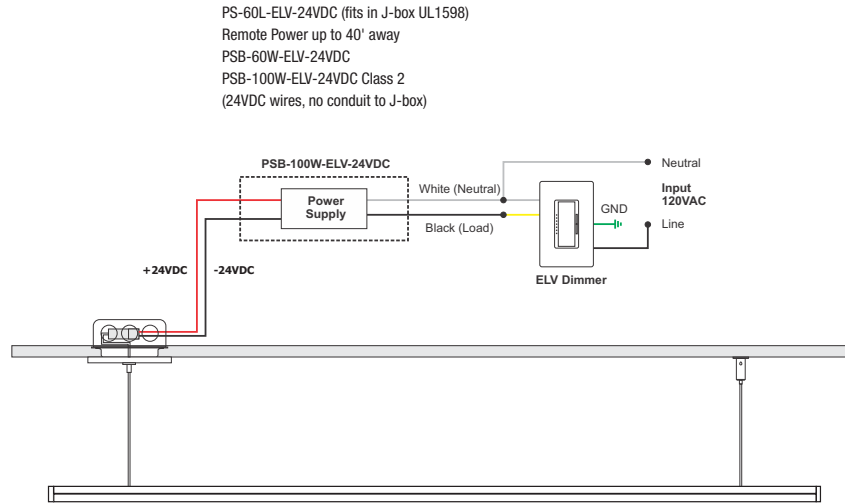
PROJECT		FIXTURE TYPE		DATE	
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WIRING DIAGRAM Wiring Diagram for Static White with ELV Dimmer

APPLICATION ELV dimming for Cirrus T1 Suspension, End Feed Canopy, Static White

REMOTE POWER SUPPLIES Class 2: 24VDC output; 120VAC input | PS-60L-ELV-24VDC (fits in J-box) | PSB-60W-ELV-24VDC
PSB-100W-ELV-24VDC

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

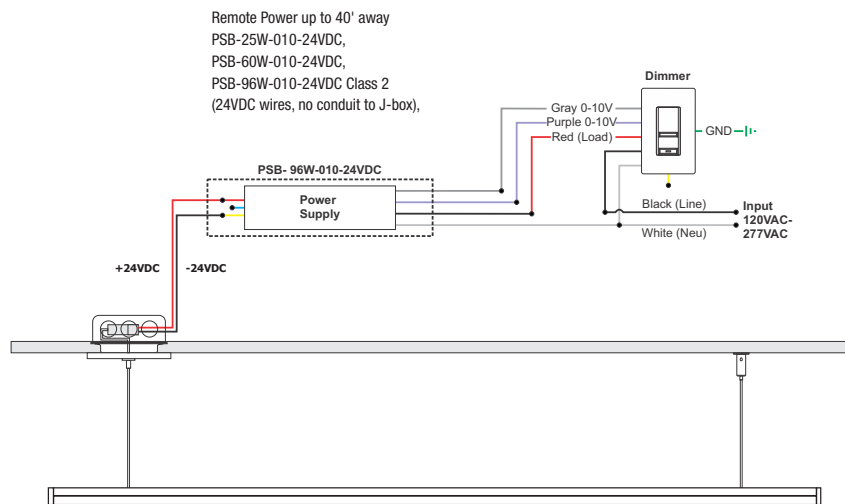


WIRING DIAGRAM Wiring Diagram for Static White with 0-10V Dimmer

APPLICATION 0-10V dimming for Cirrus T1 Suspension, End Feed Canopy, Static White

REMOTE POWER SUPPLIES Class 2: 24VDC output; 120/277VAC input | PSB-60W-010-24VDC | PSB-100W-010-24VDC

DIMMING Dimmable with 0-10V 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



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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

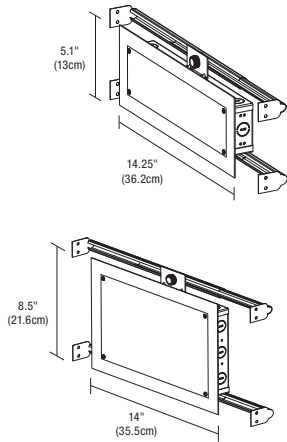
24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

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	
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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.

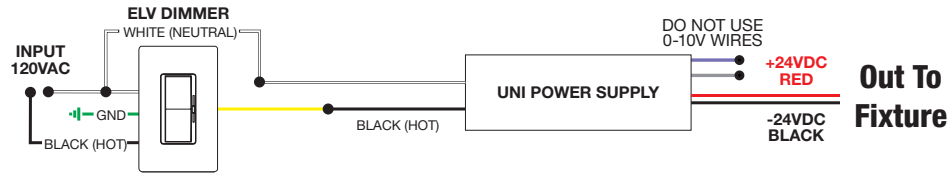
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

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

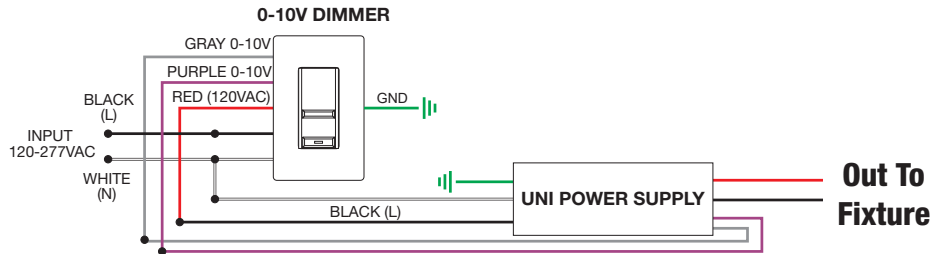
Application: ELV dimming for Static White and Warm Dim

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



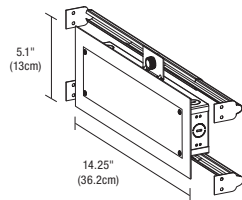
PROJECT		FIXTURE TYPE		DATE	
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ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS ^{†‡}				
ORDERING CODES	PS-60L-ELV-24VDC 	PSB-60W-ELV-24VDC 	PSB-2X60W-ELV-24VDC 	PSB-100W-ELV-24VDC
SPECIFICATIONS				
MAXIMUM LOAD	60W NON-IC, 50W-IC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

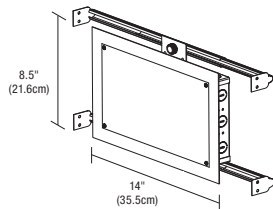
[‡]Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

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



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-60W-ELV-24VDC-IW
PSB-100W-ELV-24VDC-IW



8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

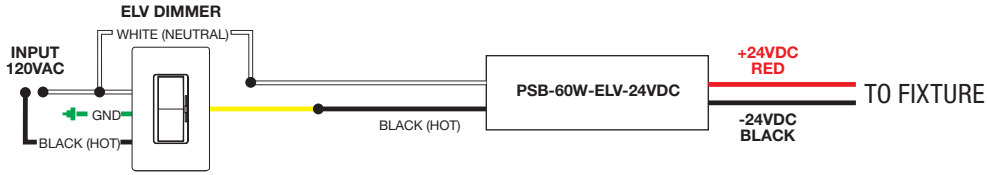
Ordering Codes: PSB-2X60W-ELV-24VDC-IW
PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC ELV

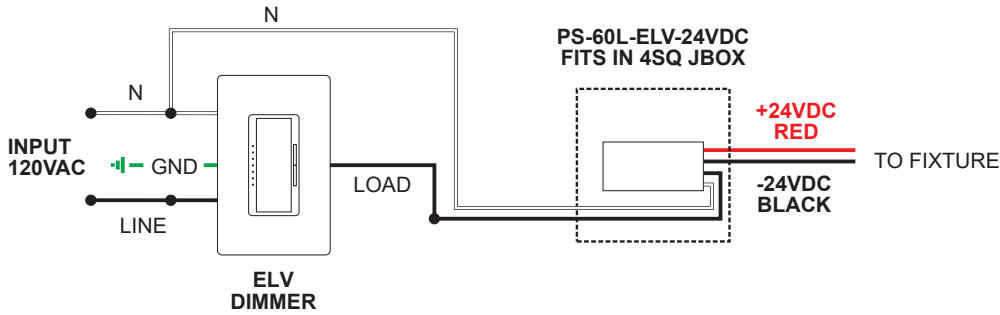
Application: ELV dimming for Static White

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









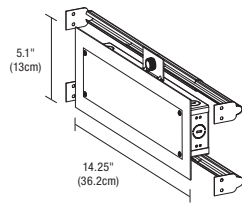
Application: ELV dimming for Static White

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



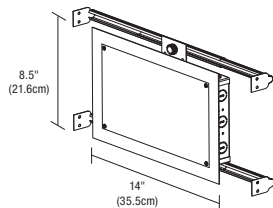
PROJECT		FIXTURE TYPE		DATE	
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0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-25W-010-24VDC 	PSB-60W-010-24VDC 	PSB-96W-010-24VDC 	PSB-2X96W-010-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	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: 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.

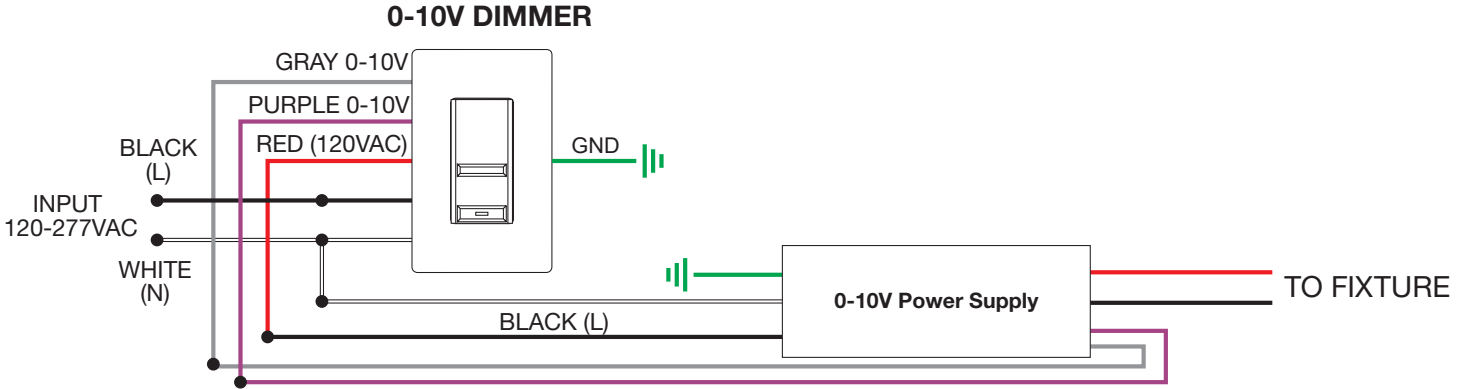
Ordering Codes: PSB-2X96W-010-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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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)



PROJECT		FIXTURE TYPE		DATE	
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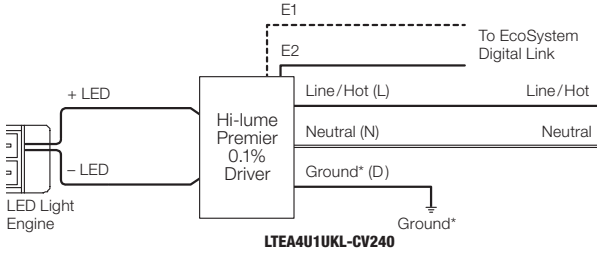
INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, LUTRON ECOSYSTEM

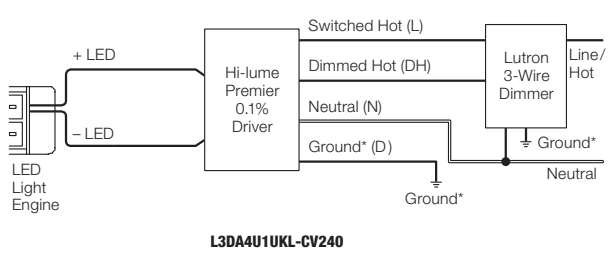
LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†			
ORDERING CODES	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240
			
SPECIFICATIONS			
MAXIMUM LOAD	96W	5W-40W	5W-40W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	10.5" X 5.5" X 2"	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



3-Wire Wiring Diagram



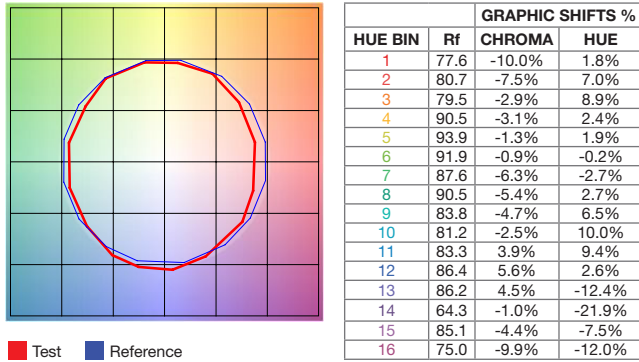
PROJECT	FIXTURE TYPE	DATE
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SUSPENSION TM30 DATA

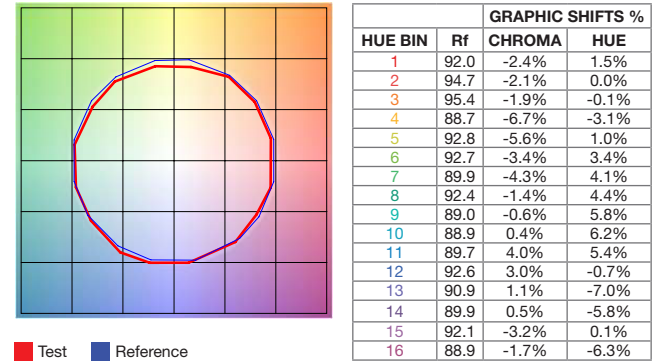
TUBULAR 1 WITH REMOTE POWER, END FEED

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.

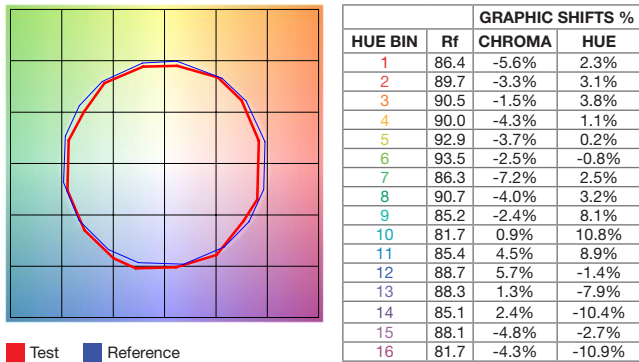
2200K | Rf: 83.9 | Rg: 94.9
Color Vector Graphic



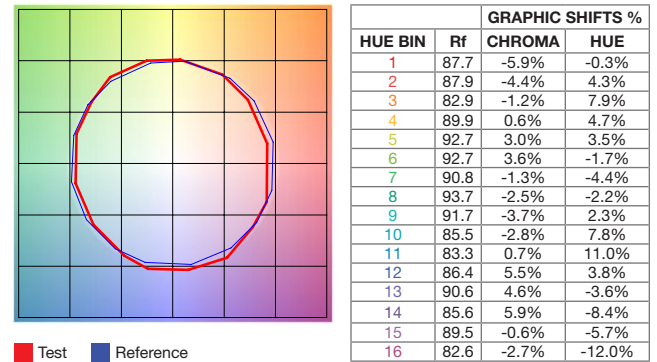
2400K | Rf: 91.2 | Rg: 96.8
Color Vector Graphic



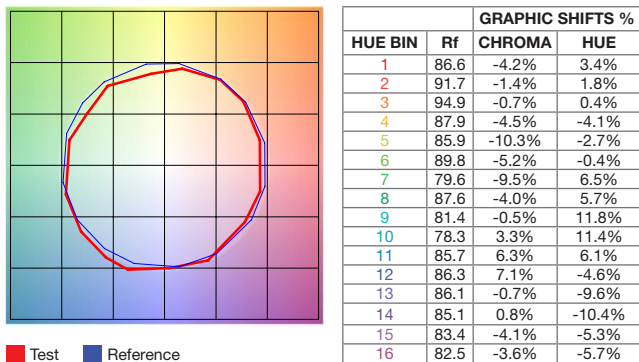
2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic



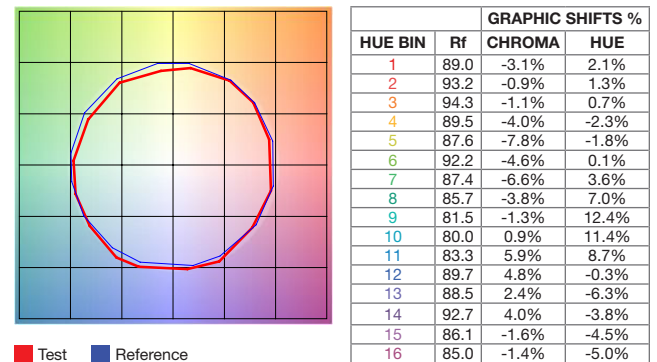
3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic



3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic



4000K | Rf: 87.6 | Rg: 96.8
Color Vector Graphic



PROJECT	FIXTURE TYPE	DATE
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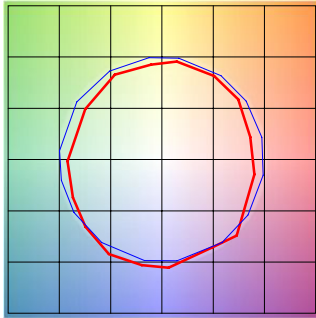
SUSPENSION TM30 DATA

TUBULAR 1 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.

5700K | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

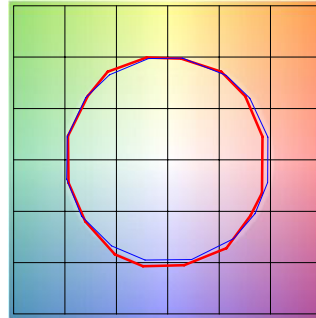


■ Test ■ Reference

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

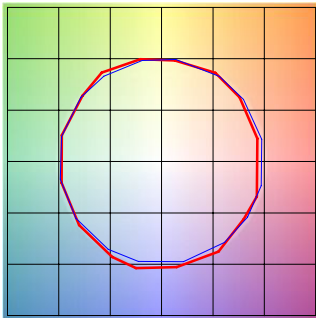


■ Test ■ Reference

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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