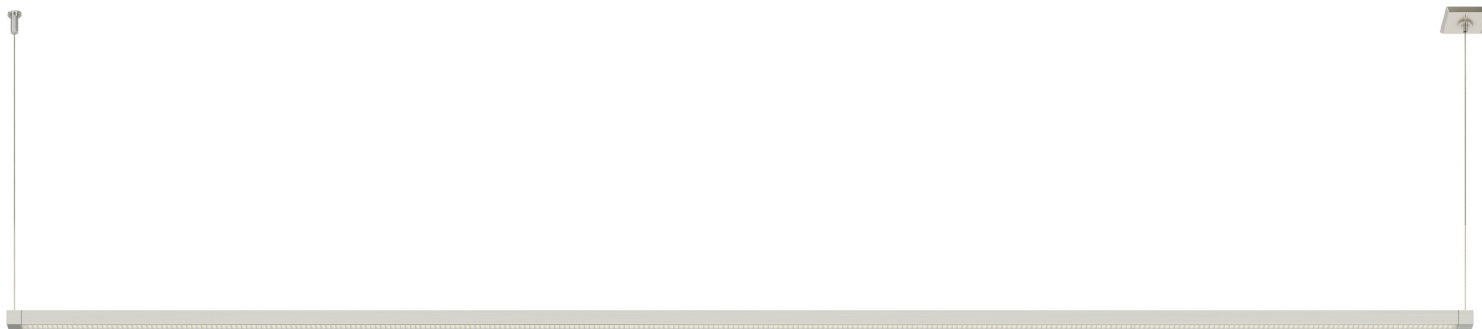


ZIPP SUSPENSION

24VDC END FEED, TUNABLE WHITE



DESCRIPTION

Zipp Suspension Downlight with Remote 24VDC power supply is a linear LED fixture that offers spot-free, direct light in a clean, contemporary style. Zipp is available in various lengths from 12" to 480" (40'), a 100° beam spread, optional louver for additional diffusion and a variety of finishes. Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). **2K6K** is ideal for residential spaces including, dining rooms, bedrooms, living spaces, and bathrooms by allowing the user to achieve a warm glow during the golden hours of the early mornings and evenings. For commercial environments, **27K6** promotes focus and alertness which is ideal for offices, healthcare and education, while still achieving warmer color temperatures best for hospitality and retail environments. Human-Centric lighting, or tunable white, promotes performance, mood, and overall well-being by fine-tuning the emotional effects that light has on the circadian cycle. Use with two dimmers or our proprietary Tunable White Controller for fast and accurate adjustment with three pre-set scenes. Fixture includes a 5-year 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 480" (40') before re-feeding
- 5W - 5 watts per foot, lengths up to 240" (20') before re-feeding
- 7W - 7.5 watts per foot, lengths up to 144" (12') before re-feeding

INSTALLATION

- Includes your choice of one or 2 canopies; one for remote power, one blank - 2R2, 2S2, 4R2, 4S2
- Adjustable 12' coaxial and aircraft cables included; additional aircraft cables included for support when fixture exceeds 96"

FINISHES



LENSES

- Available in a Diffused White Lens with 100° beam spread or Clear Frosted Lens at 60° beam spread with Louver
- Optional black louver available for both lenses

LAMPING

- Tunable White: 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- 50,000 Hour Lamp Life

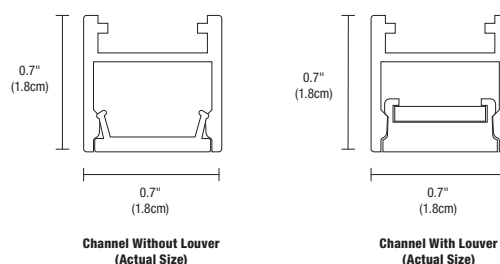
REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

- 24VDC, Class 2 wiring
- **0-10V**: Requires two dimmers, one for intensity and one for color temperature
- **DMX Dynamic Color Changing**: Must be used with PureEdge Controllers

*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPLICATIONS

Designed for indoor use only. Ideal applications in Commercial, Retail, Residential, Hospitality, Education, and Healthcare Institutions.



System	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
ZSD	2W	2R	480	2K6K	SN
ZSD Zipp Suspension Diffused Lens without Louver	2W 2.5 Watts (480" Max, 40')	2R 2.8" Round Canopy	12-480 Order in various increments from 12" to 480"	2K6K Tunable White 2000K-6500K (5W Only) 27K6 Tunable White 2700K-6500K	BK Satin Black
ZSDB Zipp Suspension Diffused Lens with Black Louver	5W 5 Watts (240" Max, 20')	2S 2.8" Square Canopy			CH Chrome
ZSCB Zipp Suspension Clear Frosted Lens with Black Louver	7W 7.5 Watts (144" Max, 12')	4R 4.6" Round Canopy			SN Satin Nickel
		4S 4.6" Square Canopy			WH White
		2R2 2x2.8" Round Canopy			
		2S2 2x2.8" Square Canopy			
		4R2 2x4.6" Round Canopy	*Maximum shipping length is 120"; Maximum shipping length for Chrome is 84". *See length chart for exact dimensions		
		4S2 2x4.6" Square Canopy			
		VR Vanishing Point Plaster in system with No Canopy			

PROJECT		FIXTURE TYPE		DATE	
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ZIPP SUSPENSION

24VDC END FEED, TUNABLE WHITE

Lamp Data: Lamp data for Downlight Channel

	ZSD																																							
DESCRIPTION	100° Diffused White Lens without Louver																																							
WATTS PER FOOT	2K6K 2W (2.5 watts)										27K6 2W (2.5 watts)										2K6K 5W (4.4 watts)										27K6 5W (4.4 watts)									
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K								
LUMENS PER FOOT (lm/ft)	77	78	79	80	81	83	91	98	105	83	98	101	104	113	122	116	185	193	201	208	216	231	247	250	252	207	212	220	228	225	223	223								
LUMENS PER WATT (lm/w)	41	39	39	40	40	42	45	49	58	41	39	40	42	45	49	58	40	40	42	43	45	48	52	52	55	52	46	48	49	49	49	56								
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	92+	92+	92+	92+	92+	92+	92+	91+	91+	91+	94+	93+	92+	92+	91+	91+	94+	93+	92+	92+	92+	92+	91+								

WATTS PER FOOT	2K6K 7W (7.5 watts)										27K6 7W (7.5 watts)					
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	258	270	282	294	306	331	348	352	355	280	286	297	307	304	301	300
LUMENS PER WATT (lm/w)	40	38	39	41	43	46	48	49	56	44	40	41	43	42	42	47
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	94+	93+	92+	92+	92+	92+	91+

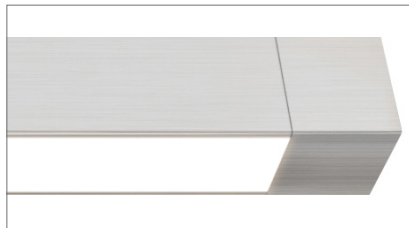
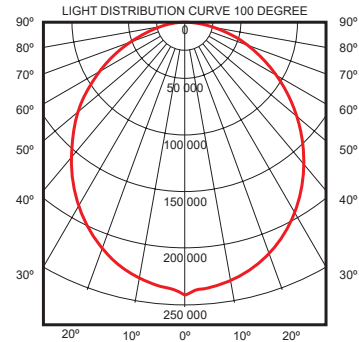
	ZSDB																															
DESCRIPTION	100° Diffused White Lens with Black Louver																															
WATTS PER FOOT	2K6K 2W (2.5 watts)									27K6 2W (2.5 watts)								2K6K 5W (4.4 watts)								27K6 5W (4.4 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	29	30	30	30	31	32	35	37	40	32	37	38	40	43	47	44	71	74	76	79	82	88	94	95	96	79	81	84	87	86	85	85
LUMENS PER WATT (lm/w)	16	15	15	15	15	16	17	19	22	16	15	15	16	17	19	22	15	15	16	17	17	18	20	20	21	20	18	18	18	19	18	21
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	92+	92+	92+	92+	92+	92+	92+	91+	91+	91+	94+	93+	92+	92+	91+	91+	94+	93+	92+	92+	92+	92+	91+

	2K6K 7W (7.5 watts)										27K6 7W (7.5 watts)						
WATTS PER FOOT																	
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	98	103	108	112	117	126	133	134	135	106	109	113	117	116	115	114	
LUMENS PER WATT (lm/w)	15	14	15	16	16	17	18	19	21	17	15	16	16	16	16	18	
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	94+	93+	92+	92+	92+	92+	91+	

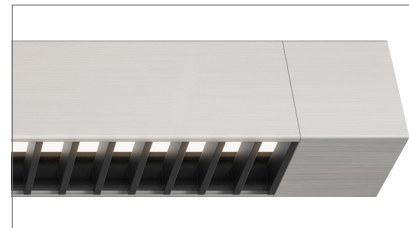
	ZSCB																															
DESCRIPTION	60° Clear Frosted Lens with Black Louver																															
WATTS PER FOOT	2K6K 2W (2.5 watts)									27K6 2W (2.5 watts)								2K6K 5W (4.4 watts)								27K6 5W (4.4 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	34	35	35	35	36	37	40	43	46	37	44	45	46	50	54	52	82	86	89	93	96	103	110	111	112	92	94	98	101	100	99	99
LUMENS PER WATT (lm/w)	18	17	17	18	18	18	20	22	26	18	17	18	18	20	22	26	18	18	19	19	20	21	23	23	24	23	20	21	22	22	22	25
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	92+	92+	92+	92+	92+	92+	92+	91+	91+	91+	94+	93+	92+	92+	91+	91+	94+	93+	92+	92+	92+	92+	91+

	2K6K 7W (7.5 watts)										27K6 7W (7.5 watts)						
WATTS PER FOOT																	
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	115	120	125	131	136	147	155	156	158	124	127	132	137	135	134	134	
LUMENS PER WATT (lm/w)	18	17	17	18	19	20	21	22	25	19	18	18	19	19	19	21	
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	94+	93+	92+	92+	92+	92+	91+	

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



Shown without Louver



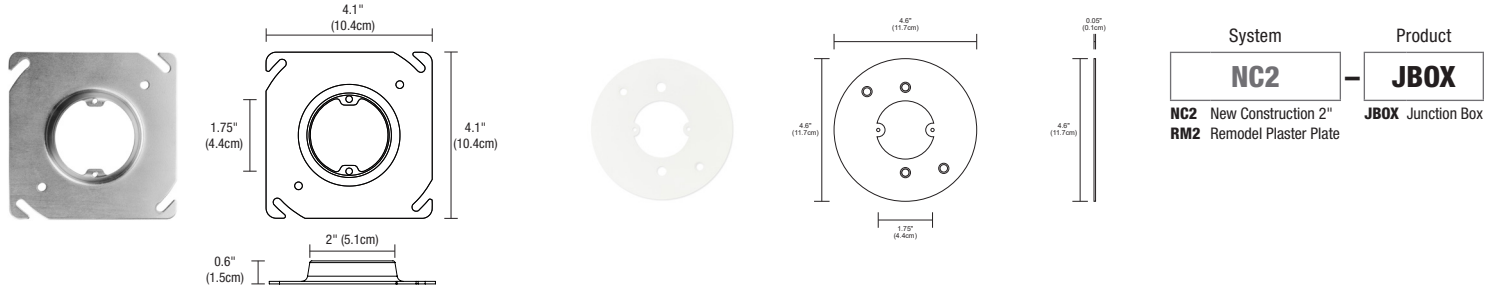
Shown with Black Louver

PROJECT	FIXTURE TYPE	DATE
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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

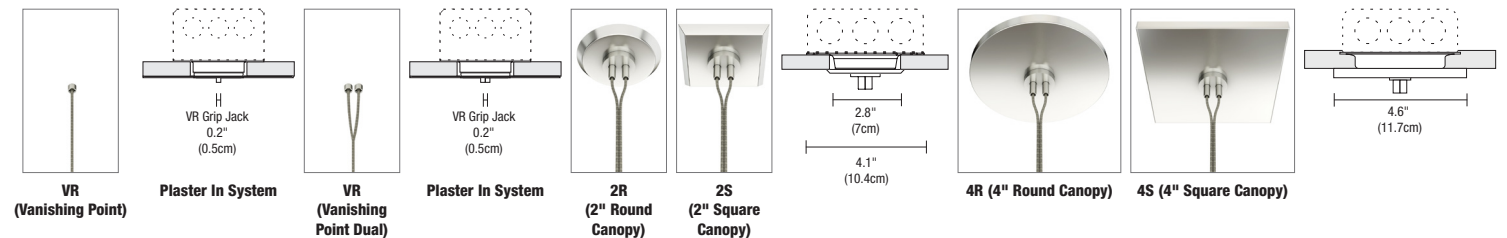
NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

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.



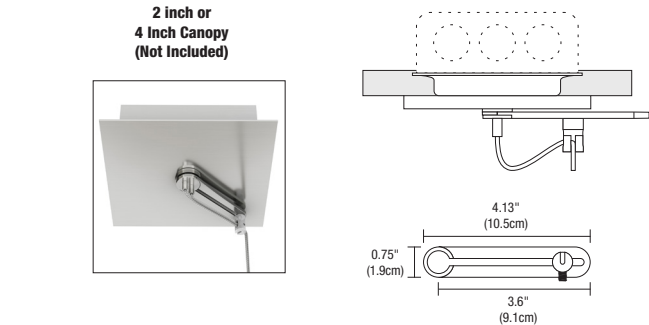
ZIPP REMOTE POWER CANOPIES (INCLUDED)

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.



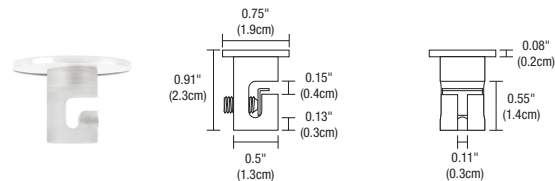
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

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).



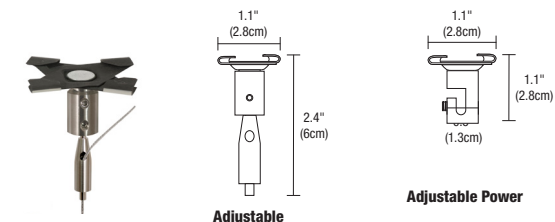
CHANNEL SUSPENSION SWAG HOOK

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.

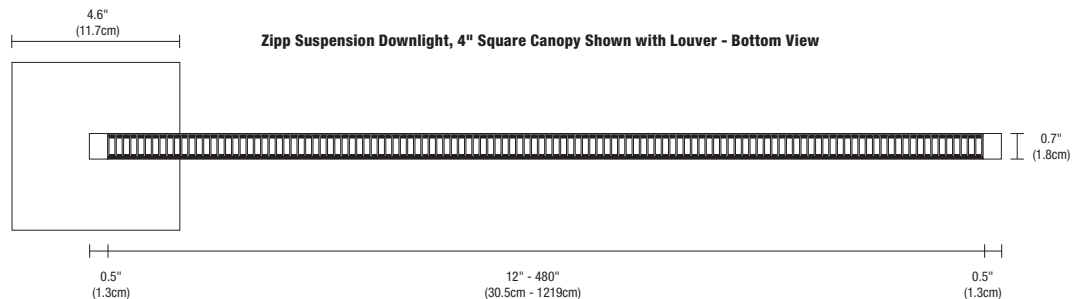
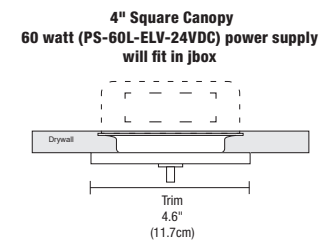
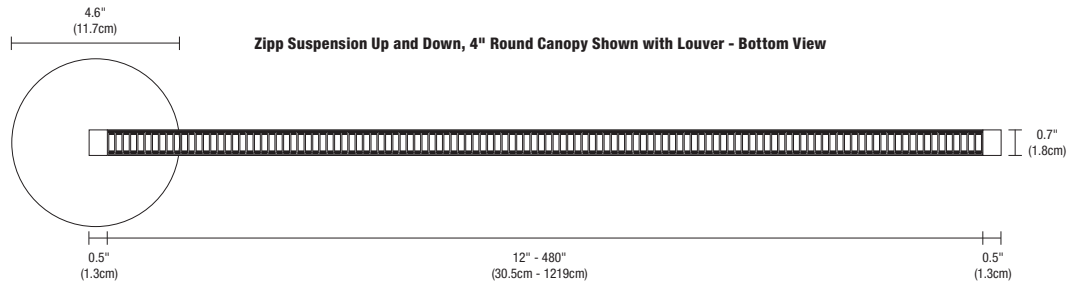
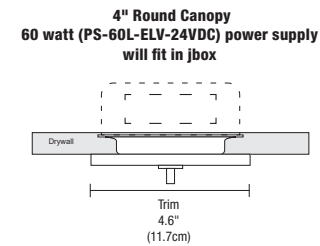
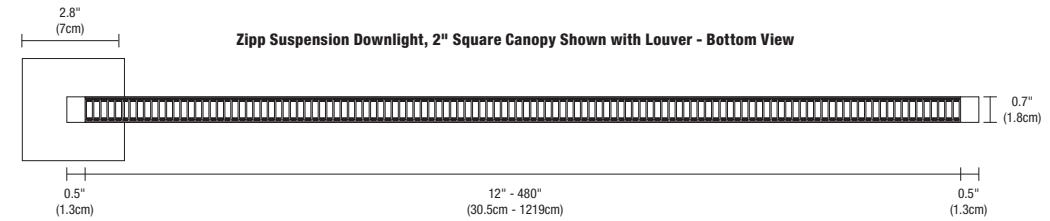
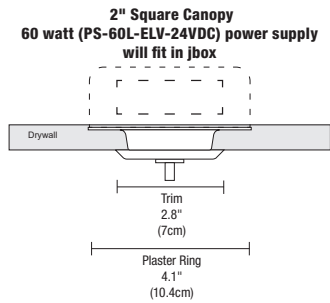
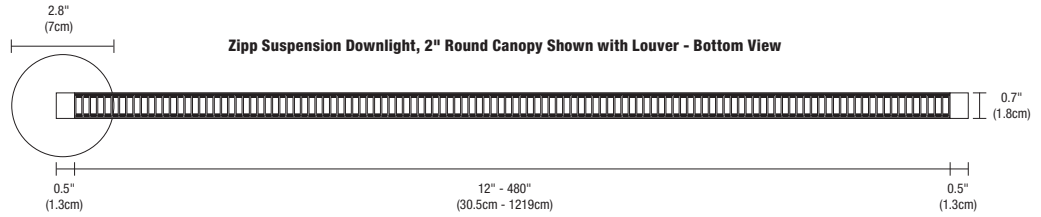
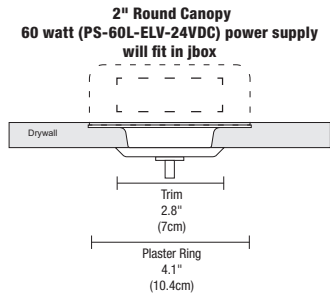


PROJECT		FIXTURE TYPE		DATE	
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ZIPP SUSPENSION

24VDC END FEED, TUNABLE WHITE

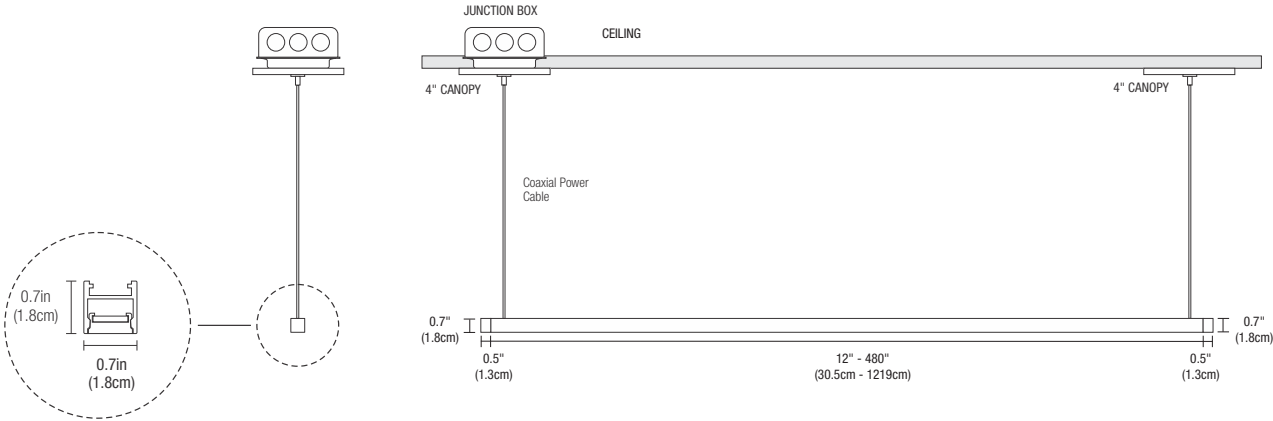
Drawings: Drawings are shown with 2" round canopy, 2" square canopy, 4" round canopy, and 4" square canopy



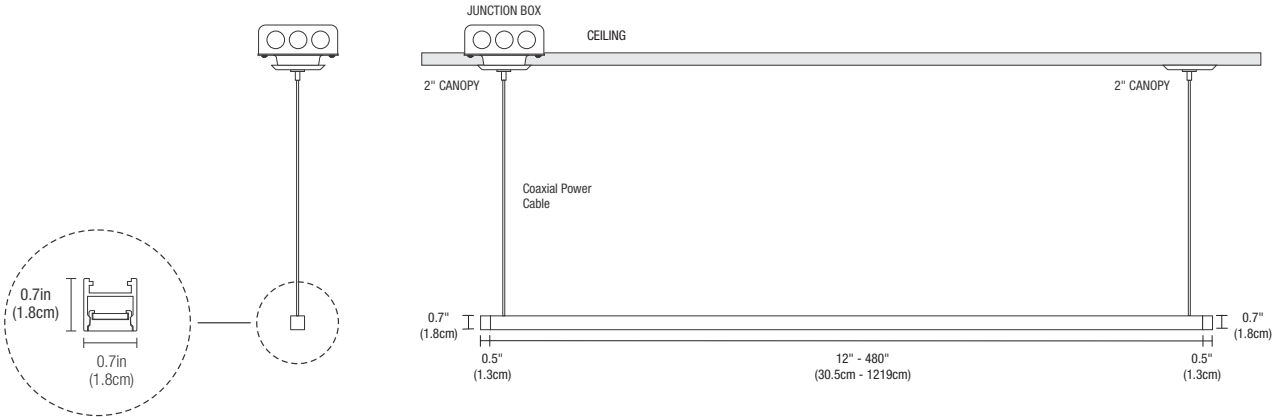
PROJECT		FIXTURE TYPE		DATE	
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Drawings: Side-view shown with two 2" and 4" canopies; one for remote power, one blank

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



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



PROJECT		FIXTURE TYPE		DATE	
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ZIPP SUSPENSION

24VDC END FEED, TUNABLE WHITE

Length Chart: Actual lengths for Zipp Suspension Downlight with Remote Power - End Feed

ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	ACTUAL LENGTH (CHROME)	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	ACTUAL LENGTH (CHROME)	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	ACTUAL LENGTH (CHROME)
12	13.1	13.1	171	171.9	172.3	329	330.7	331.1
15	15.5	15.5	173	174.3	174.7	332	333.1	333.5
17	17.9	17.9	176	176.7	177.1	334	335.5	335.9
20	20.3	20.3	178	179.1	179.5	336	337.9	338.3
22	22.7	22.7	180	181.5	181.9	339	340.3	341.1
24	25.1	25.1	183	183.9	184.3	341	342.7	343.5
27	27.5	27.5	185	186.3	186.7	344	345.0	345.9
29	29.9	29.9	188	188.7	189.1	346	347.4	348.3
32	32.3	32.3	190	191.1	191.5	348	349.8	350.7
34	34.7	34.7	192	193.5	193.9	351	352.2	353.0
36	37.1	37.1	195	195.9	196.3	353	354.6	355.4
39	39.5	39.5	197	198.3	198.7	356	357.0	357.8
41	41.9	41.9	200	200.7	201.1	358	359.4	360.2
44	44.3	44.3	202	203.1	203.5	360	361.8	362.6
46	46.7	46.7	204	205.5	205.9	363	364.6	365.0
48	49.1	49.1	207	207.9	208.3	365	367.0	367.4
51	51.5	51.5	209	210.3	210.7	368	369.4	369.8
53	53.9	53.9	212	212.7	213.1	370	371.8	372.2
56	56.3	56.3	214	215.1	215.5	372	374.2	374.6
58	58.7	58.7	216	217.5	217.9	375	376.6	377.0
60	61.1	61.1	219	219.9	220.3	377	379.0	379.4
63	63.5	63.5	221	222.3	222.7	380	381.4	381.8
65	65.9	65.9	224	224.7	225.1	382	383.8	384.2
68	68.3	68.3	226	227.1	227.5	384	386.2	386.6
70	70.7	70.7	228	229.5	229.9	387	388.6	389.0
72	73.1	73.1	231	231.9	232.3	389	391.0	391.4
75	75.5	75.5	233	234.3	234.7	392	393.4	393.8
77	77.9	77.9	236	236.7	237.1	394	395.8	396.2
80	80.3	80.3	238	239.1	239.5	396	398.2	398.6
82	82.7	82.7	240	241.5	241.9	399	400.6	401.0
84	85.1	85.1	243	244.3	244.3	401	403.0	403.4
87	87.5	87.9	245	246.7	246.7	404	405.4	405.8
89	89.9	90.3	248	249.1	249.1	406	407.8	408.2
92	92.3	92.7	250	251.5	251.5	408	410.2	410.6
94	94.7	95.1	252	253.9	253.9	411	412.6	413.0
96	97.1	97.5	255	256.3	256.7	413	415.0	415.4
99	99.5	99.9	257	258.7	259.1	416	417.4	417.8
101	101.9	102.3	260	261.1	261.5	418	419.8	420.2
104	104.3	104.7	262	263.5	263.9	420	422.2	422.6
106	106.7	107.1	264	265.9	266.3	423	424.6	425.4
108	109.1	109.5	267	268.3	268.7	425	427.0	427.8
111	111.5	111.9	269	270.7	271.1	428	429.4	430.2
113	113.9	114.3	272	273.1	273.5	430	431.8	432.6
116	116.3	116.7	274	275.5	275.9	432	434.2	435.0
118	118.7	119.1	276	277.9	278.3	435	436.6	437.4
120	121.1	121.5	279	280.3	280.7	437	439.0	439.8
123	123.9	123.9	281	282.7	283.1	440	441.4	442.2
125	126.3	126.3	284	285.1	285.5	442	443.8	444.6
128	128.7	128.7	286	287.5	287.9	444	446.2	447.0
130	131.1	131.1	288	289.9	290.3	447	448.6	449.4
132	133.5	133.5	291	292.3	292.7	449	451.0	451.8
135	135.9	135.9	293	294.7	295.1	452	453.4	454.2
137	138.3	138.3	296	297.1	297.5	454	455.8	456.6
140	140.7	140.7	298	299.5	299.9	456	458.2	459.0
142	143.1	143.1	300	301.9	302.3	459	460.6	461.4
144	145.5	145.5	303	304.3	304.7	461	463.0	463.8
147	147.9	147.9	305	306.7	307.1	464	465.4	466.2
149	150.3	150.3	308	309.1	309.5	466	467.8	468.6
152	152.7	152.7	310	311.5	311.9	468	470.2	471.0
154	155.1	155.1	312	313.9	314.3	471	472.6	473.4
156	157.5	157.5	315	316.3	316.7	473	475.0	475.8
159	159.9	159.9	317	318.7	319.1	476	477.4	478.2
161	162.3	162.3	320	321.1	321.5	478	479.8	480.6
164	164.7	164.7	322	323.5	323.9	480	482.2	483.0
166	167.1	167.1	324	325.9	326.3			
168	169.5	169.5	327	328.3	328.7			

PROJECT		FIXTURE TYPE		DATE	
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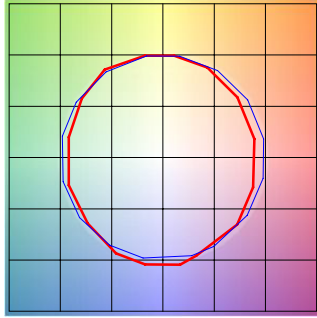
TM30 DATA

24VDC END FEED, TUNABLE WHITE

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 (2K6K/27K6) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

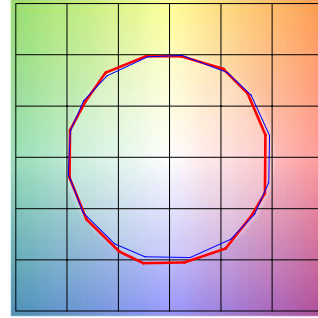


■ Test ■ Reference

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

3000K (2K6K/27K6) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

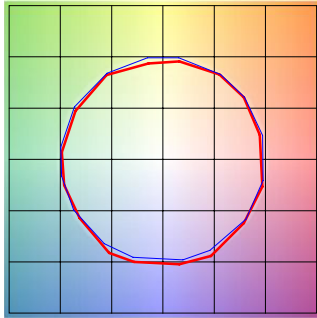


■ Test ■ Reference

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

4000K ONLY (2K6K/27K6) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic

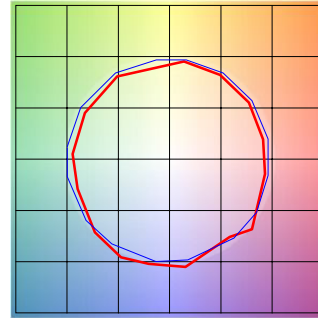


■ Test ■ Reference

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

6500K ONLY (2K6K/27K6) | Rf: 86.8 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	86.5	-4.7%	0.8%
2	91.9	-2.5%	3.1%
3	91.2	-2.0%	1.9%
4	91.2	-1.6%	1.4%
5	85.7	-6.2%	-0.9%
6	92.9	-3.5%	-1.0%
7	92.1	-4.7%	0.7%
8	85.2	-5.8%	4.9%
9	82.8	-6.2%	14.3%
10	77.1	-0.7%	15%
11	72.1	5.8%	14.1%
12	91.6	4.0%	1.0%
13	89.9	5.6%	-2.3%
14	90.5	-1.8%	-3.7%
15	81.6	6.5%	-13.9%
16	92.8	-3.6%	-0.4%

PROJECT		FIXTURE TYPE		DATE	
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