

ZIP SUSPENSION

DOWNLIGHT WITH POWER, END FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 10.09.20



DESCRIPTION

Zip Suspension Downlight with 24VDC power supply in the canopy is a linear LED lighting fixture that features even, direct light without LED spots. The sleek, minimalist form is perfectly suited for hallways, galley kitchens, above kitchen islands and over conference tables, with the ability to span anywhere from 12" to 480" (40ft). With a 100° beam spread, optional black or white louver with 60° clear frosted lens, and a variety of finishes with Warm Dim and Tunable White options. Fixture includes a 5 year warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

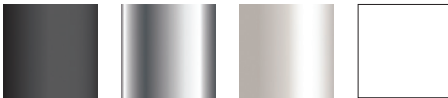
Wattages for this fixture are available in the following options:

- 2W - 2.5 watts per foot, lengths up to 480" (40ft)
- 5W - 4.4 watts per foot, lengths up to 240" (20ft)
- 7W - 7.5 watts per foot, lengths up to 144" (12ft)

INSTALLATION

- Includes canopy with 120V/24VDC Electronic Low Voltage LED power supply. For under 60 watts (Non-IC), the power supply will fit inside the electrical junction box with a flush 4.6" canopy
- Adjustable 12ft coaxial and aircraft cables included; additional aircraft cable supports included when fixture exceeds 60"

FINISHES



Satin Black **BK** Chrome **CH** Satin Nickel **SN** White **WH**

LENSES

- Available in a Diffused White Lens with 100° beam spread or Clear Frosted Lens with 60° beam spread*
- Optional black louver available for both lenses
**60° lens not available without louvers*

APPLICATIONS

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

LAMPING

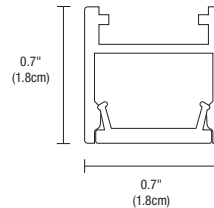
- Choose from 10 color temperatures: 22K-57K, Warm Dim and Tunable White
- Warm Dim (optional): 2700K to 2000K (**27D**) or 3000K to 2000K (**30D**)
- Tunable White (optional): 2000K-4000K
- 50,000 hours

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

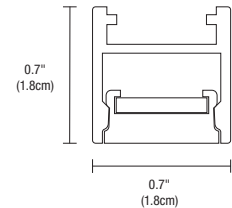
- Universal Power Supply (**UNI**) (TRIAC, ELV, 0-10V) with corresponding dimmer
- Electronic Low Voltage (**ELV**)
- Lutron Hi-Lume®

APPROVALS

Damp Location, Class 2 wiring, ETL Listed, Title 24 with Universal Power Supply only



Channel Without Louver (Actual Size)



Channel With Louver (Actual Size)

System	Wattage Per Foot	Power Canopy	Nominal Size	Color Temperature			Finish
ZSDP	2W	E	480	22K			SN
ZSDP Zip Suspension Diffused Lens, with Power ZSDBP Zip Suspension Diffused Lens with Black Louver, with Power ZSCBP Zip Suspension Clear Frosted Lens with Black Louver, with Power	2W 2.5 Watts (480" Max, 60ft) 5W 4.4 Watts (240" Max, 20ft) 7W 7.5 Watts (144" Max, 12ft) <small>*2W only available without louver</small>	E End Feed E2 End Feed, 2 Canopies	12-480 Order in various increments from 12" to 480". Maximum shipping length for Chrome is 84"	22K 2200K Candle White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5W only) 30K 3000K Warm White (Halogen) 30D 3000K Warm Dim (Halogen, 5W only)	35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White 2K4K Tunable White 2000K-4000K (5W only, max 20 ft. length) 27K6 Tunable White 2700K-6500K (5W only)	BK Satin Black CH Chrome SN Satin Nickel WH White	

*See length chart for exact dimensions (pg. 6-8)

PROJECT	FIXTURE TYPE	DATE
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ZIP SUSPENSION

DOWNLIGHT WITH POWER, END FEED

LAMP DATA: Lamp data for Downlight Channel

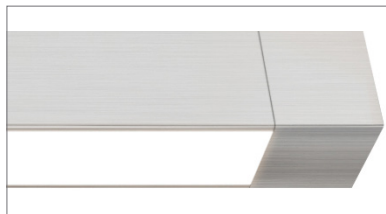
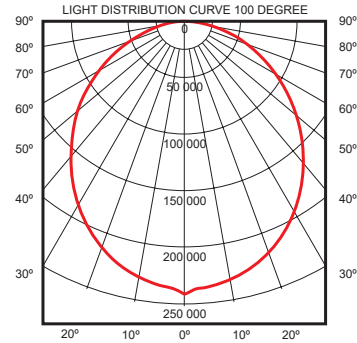
DESCRIPTION	ZSD																							
	100 Degree Diffused White Lens without Louver																							
	2W (2.5 watts)						5W (4.4 watts)										7W (7.5 watts)							
WATTS PER FOOT																								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	80	89	98	107	123	134	142	173	192	211	260	231	284	264	287	306	275	305	335	367	420	456	486	
LUMENS PER WATT (lm/w)	32	35.5	39	43	49	53	57	39	43.5	48	54	52	59	60	65	70	38	42	46	50	58	63	67	
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	

DESCRIPTION	ZSDB																
	100 Degree Diffused White Lens with Black Louver																
	5W (4.4 watts)							7W (7.5 watts)									
WATTS PER FOOT																	
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	67	74.5	82	101	90	110	103	111	119	107	118.5	130	142	163	177	188	
LUMENS PER WATT (lm/w)	15	17	19	21	20	23	23	25	27	15	16.5	18	19	22	24	26	
CRI	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	

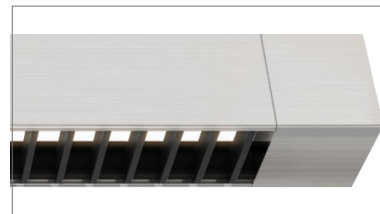
DESCRIPTION	ZSCB																
	60 Degree Clear Frosted White Lens with Black Louver																
	5W (4.4 watts)							7W (7.5 watts)									
WATTS PER FOOT																	
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	76	84.5	93	128	101	140	116	126	134	121	134	147	161	185	201	214	
LUMENS PER WATT (lm/w)	17	19	21	27	23	29	26	29	31	17	18.5	20	22	25	27	29	
CRI	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	

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

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



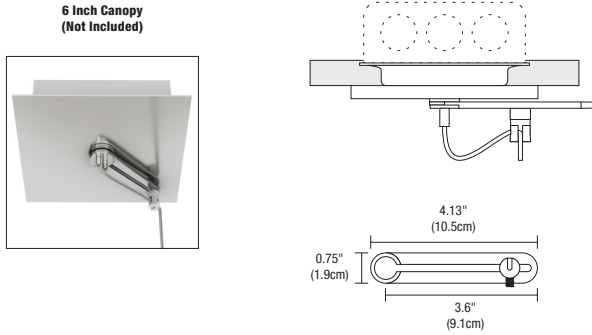
Shown with Black Louver

PROJECT	FIXTURE TYPE	DATE
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ACCESSORIES: Accessories for Zip Suspension

CHANNEL SUSPENSION ADJUSTABLE SWAG BAR & HOOK

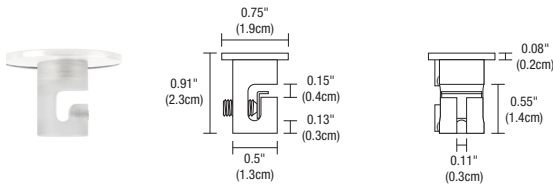
The Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more power supplies and canopies on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4S, 4R, 5S and 6S Power Canopies (Canopy not included).



Product	Type	Finish
CS	ADJ-SWAG	SN
CS Channel Suspension	ADJ-SWAG Adjustable Swag Hook for Static White ADJ-DP-SWAG Dual Post Adjustable Swag Hook for 2K4K & RGB	SN Satin Nickel

CHANNEL SUSPENSION SWAG HOOK

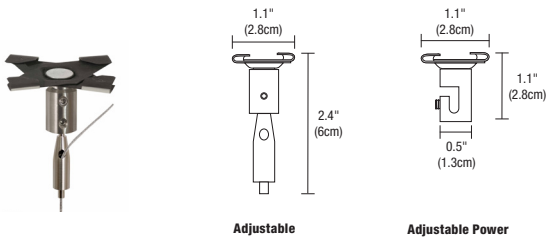
The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.



System	Type
CS	SWAG
CS Channel Suspension	SWAG Swag Hook

ZIP SUSPENSION ADJUSTABLE T-BAR CLIP

Zip Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceiling. Available in Satin Nickel hardware as adjustable power and non-power versions.

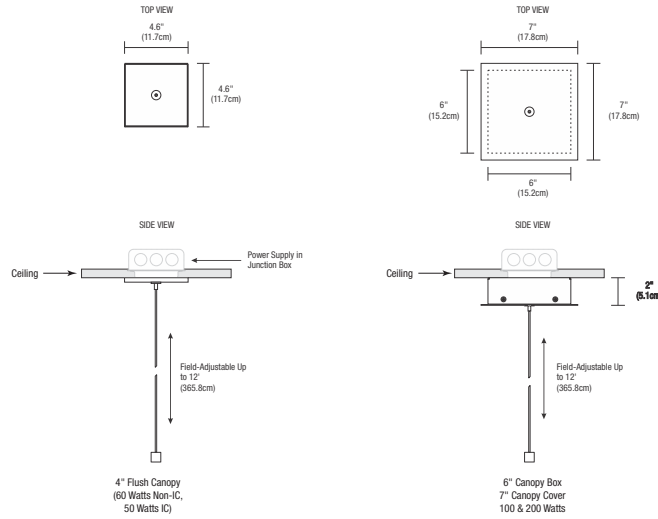
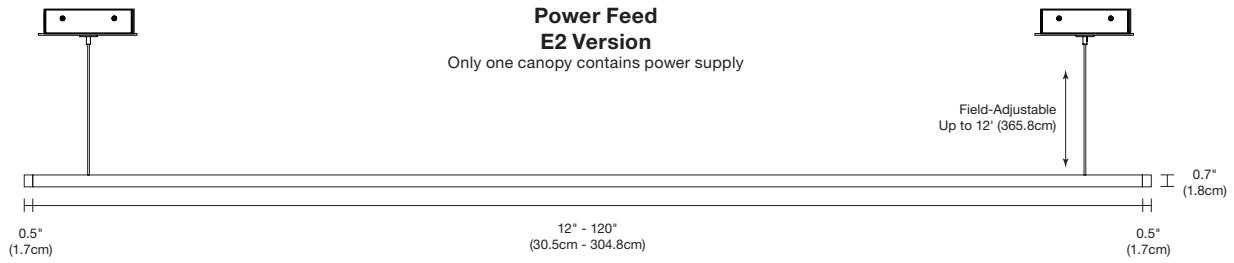
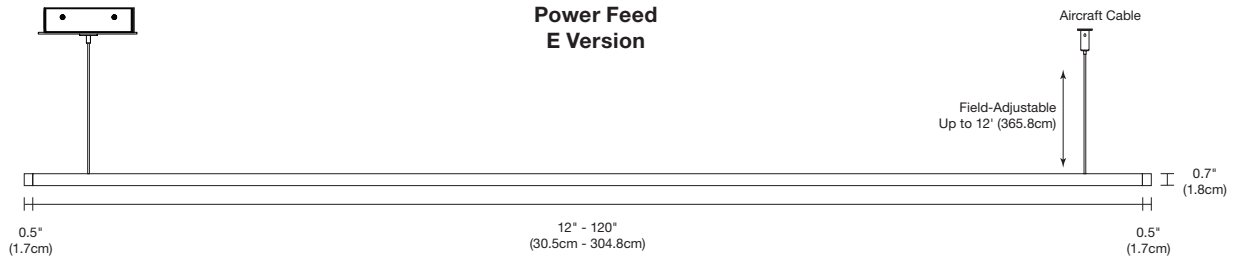


Product	Type	Options	Finish
CS	TBAR	A	W
CS Channel Suspension	TBAR 9/16" and 15/16"	A Adjustable AP Adjustable Power	B Black W White

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ZIP SUSPENSION

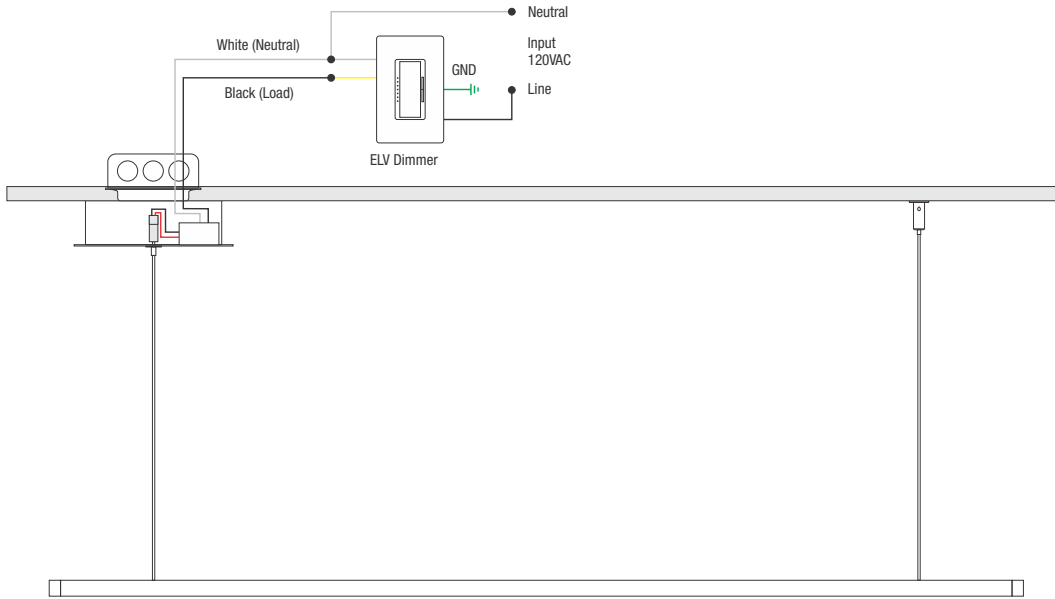
DOWNLIGHT WITH POWER, END FEED



CANOPY CHART		
VERSION	2" or 4" FLUSH CANOPY (60 WATTS NON-IC, 50 WATTS IC)	6" SURFACE MOUNT CANOPY (100 WATTS)
2W Lengths	up to 240"	241" - 480"
5W Lengths	up to 120"	123" - 240"
7W Lengths	up to 80"	84" - 144"

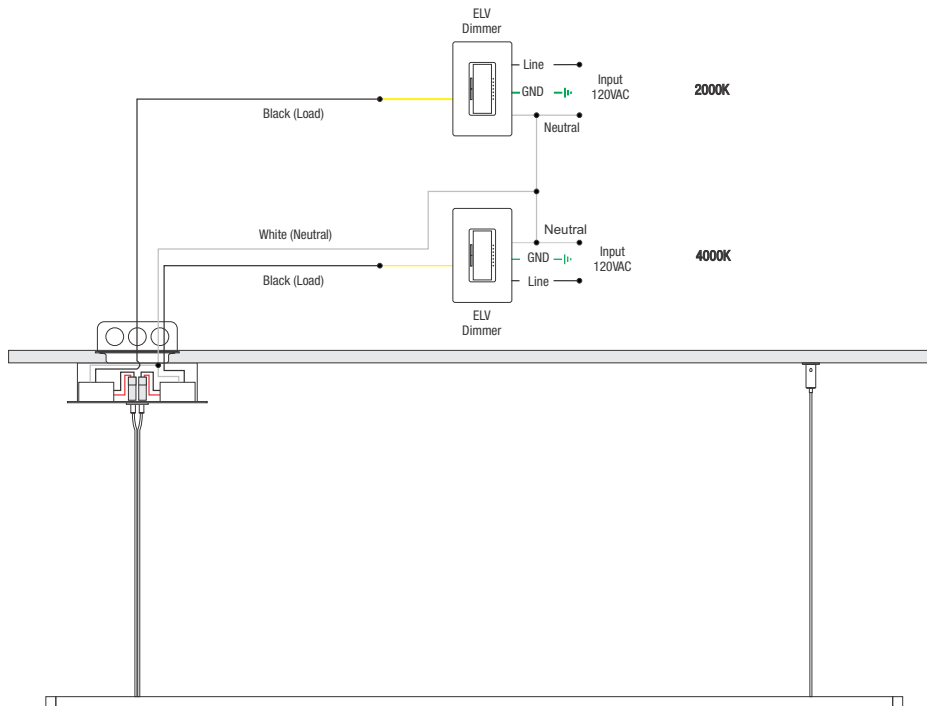
Wiring Diagram: Wiring diagram for Static White with ELV Dimmer

Application: ELV dimming for Zip Suspension with Power, End Feed Canopy, Static White
Dimming: Dimmable with ELV 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



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

Application: ELV dimming for Zip Suspension with Power, End Feed Canopy, Tunable White 2000K-4000K
Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELVz-300P, Maestro MAELV-600 and Radio Ra 2



PROJECT		FIXTURE TYPE		DATE	
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ZIP SUSPENSION

DOWNLIGHT WITH POWER, END FEED

LENGTH CHART: Actual lengths for Zip Suspension Downlight with Power - End Feed

22K, 24K, 27K, 30K, 35K, 40K, 57K & 2K4K								
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 - 2K4K max	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	123.5	123.9	281	282.7	283.1	440	441.4	442.2
125	126.3	126.7	284	285.1	285.5	442	443.8	444.6
128	128.7	129.1	286	287.5	287.9	444	446.2	447.0
130	131.1	131.5	288	289.9	290.3	447	448.6	449.4
132	133.5	133.9	291	292.3	292.7	449	451.0	451.8
135	135.9	136.3	293	294.7	295.1	452	453.4	454.2
137	138.3	138.7	296	297.1	297.5	454	455.8	456.6
140	140.7	141.1	298	299.5	299.9	456	458.2	459.0
142	143.1	143.5	300	301.9	302.3	459	460.6	461.4
144	145.5	145.9	303	304.3	304.7	461	463.0	463.8
147	147.9	148.3	305	306.7	307.1	464	465.4	466.2
149	150.3	150.7	308	309.1	309.5	466	467.8	468.6
152	152.7	153.1	310	311.5	311.9	468	470.2	471.0
154	155.1	155.5	312	313.9	314.3	471	472.6	473.4
156	157.5	157.9	315	316.3	316.7	473	475.0	475.8
159	159.9	160.3	317	318.7	319.1	476	477.4	478.2
161	162.3	162.7	320	321.1	321.5	478	479.8	480.6
164	164.7	165.1	322	323.5	323.9	480	482.2	483.0
166	167.1	167.5	324	325.9	326.3			
168	169.5	169.9	327	328.3	328.7			

PROJECT		FIXTURE TYPE		DATE	
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ZIP SUSPENSION

DOWNLIGHT WITH POWER, END FEED

LENGTH CHART: Actual lengths for Zip Suspension Downlight with Power - End Feed

27D & 30D								
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	172.5	172.9	330	331.5	332.3
15	16.1	16.1	174	175.5	175.9	333	334.5	335.3
18	19.1	19.1	177	178.5	178.9	336	337.5	338.3
21	22.1	22.1	180	181.5	181.9	339	340.5	341.7
24	25.1	25.1	183	184.5	184.9	342	343.5	344.7
27	28.1	28.1	186	187.5	187.9	345	346.5	347.7
30	31.1	31.1	189	190.5	190.9	348	349.5	350.7
33	34.1	34.1	192	193.5	193.9	351	352.5	353.7
36	37.1	37.1	195	196.5	196.9	354	355.5	356.7
39	40.1	40.1	198	199.5	199.9	357	358.5	359.7
42	43.1	43.1	201	202.5	202.9	360	361.5	362.7
45	46.1	46.1	204	205.5	205.9	363	364.9	365.7
48	49.1	49.1	207	208.5	208.9	366	367.9	368.7
51	52.1	52.1	210	211.5	211.9	369	370.9	371.7
54	55.1	55.1	213	214.5	214.9	372	373.9	374.7
57	58.1	58.1	216	217.5	217.9	375	376.9	377.7
60	61.1	61.1	219	220.5	220.9	378	379.9	380.7
63	64.1	64.1	222	223.5	223.9	381	382.9	383.7
66	67.1	67.1	225	226.5	226.9	384	385.9	386.7
69	70.1	70.1	228	229.5	229.9	387	388.9	389.7
72	73.1	73.1	231	232.5	232.9	390	391.9	392.7
75	76.1	76.1	234	235.5	235.9	393	394.9	395.7
78	79.1	79.1	237	238.5	238.9	396	397.9	398.7
81	82.1	82.1	240	241.5	241.9	399	400.9	401.7
84	85.1	85.1	243	244.5	244.9	402	403.9	404.7
87	88.1	88.5	246	247.5	247.9	405	406.9	407.7
90	91.1	91.5	249	250.5	250.9	408	409.9	410.7
93	94.1	94.5	252	253.5	253.9	411	412.9	413.7
96	97.1	97.5	255	256.5	257.3	414	415.9	416.7
99	100.1	100.5	258	259.5	260.3	417	418.9	419.7
102	103.1	103.5	261	262.5	263.3	420	421.9	422.7
105	106.1	106.5	264	265.5	266.3			
108	109.1	109.5	267	268.5	269.3			
111	112.1	112.5	270	271.5	272.3			
114	115.1	115.5	273	274.5	275.3			
117	118.1	118.5	276	277.5	278.3			
120	121.1	121.5	279	280.5	281.3			
123	124.5	124.5	282	283.5	284.3			
126	127.5	127.5	285	286.5	287.3			
129	130.5	130.5	288	289.5	290.3			
132	133.5	133.5	291	292.5	293.3			
135	136.5	136.5	294	295.5	296.3			
138	139.5	139.5	297	298.5	299.3			
141	142.5	142.5	300	301.5	302.3			
144	145.5	145.5	303	304.5	305.3			
147	148.5	148.5	306	307.5	308.3			
150	151.5	151.5	309	310.5	311.3			
153	154.5	154.5	312	313.5	314.3			
156	157.5	157.5	315	316.5	317.3			
159	160.5	160.5	318	319.5	320.3			
162	163.5	163.5	321	322.5	323.3			
165	166.5	166.5	324	325.5	326.3			
168	169.5	169.5	327	328.5	329.3			

PROJECT		FIXTURE TYPE		DATE	
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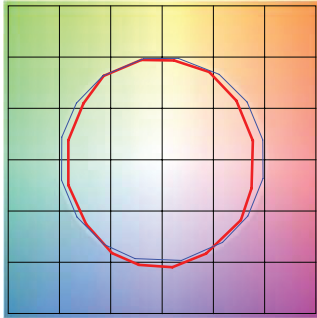
SUSPENSION TM30 DATA

DOWNLIGHT WITH 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

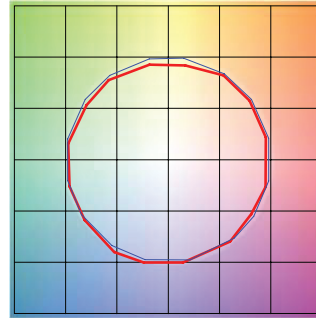


■ Test ■ Reference

		GRAPHIC SHIFTS %		
HUE BIN	Rf	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

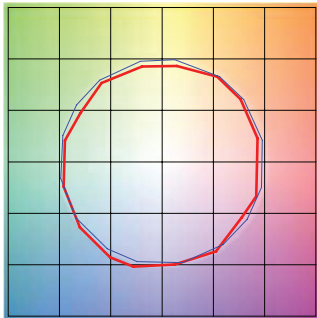


■ Test ■ Reference

		GRAPHIC SHIFTS %		
HUE BIN	Rf	CHROMA	HUE	
1	92.0	-2.4%	1.5%	
2	94.7	-2.1%	0.0%	
3	95.4	-1.9%	-0.1%	
4	88.7	-6.7%	-3.1%	
5	92.8	-5.6%	1.0%	
6	92.7	-3.4%	3.4%	
7	89.9	-4.3%	4.1%	
8	92.4	-1.4%	4.4%	
9	89.0	-0.6%	5.8%	
10	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

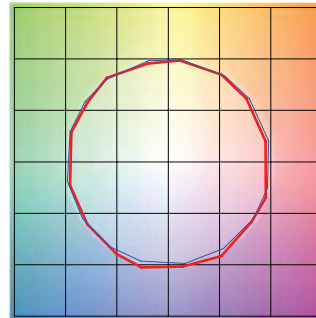


■ Test ■ Reference

		GRAPHIC SHIFTS %		
HUE BIN	Rf	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

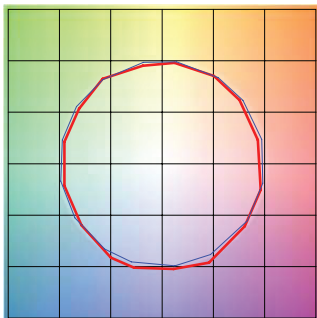


■ Test ■ Reference

		GRAPHIC SHIFTS %		
HUE BIN	Rf	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

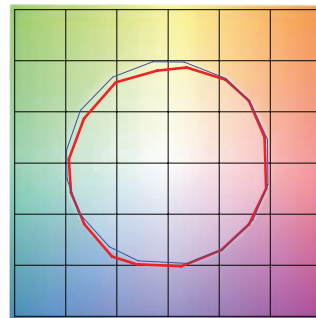


■ Test ■ Reference

		GRAPHIC SHIFTS %		
HUE BIN	Rf	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

		GRAPHIC SHIFTS %		
HUE BIN	Rf	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	
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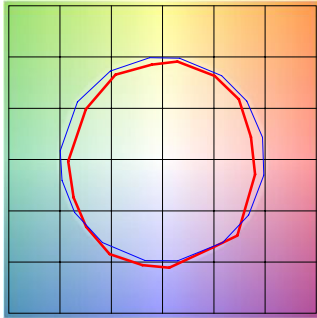
SUSPENSION TM30 DATA

DOWNLIGHT WITH 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

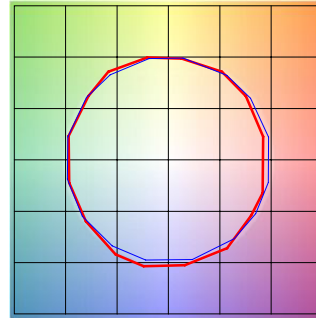


■ Test ■ Reference

		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

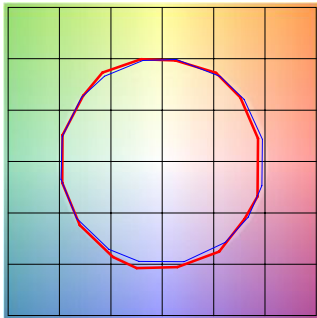


■ Test ■ Reference

		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

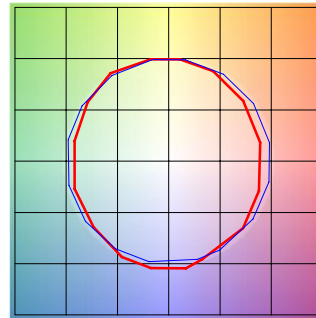


■ Test ■ Reference

		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%	

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

Color Vector Graphic

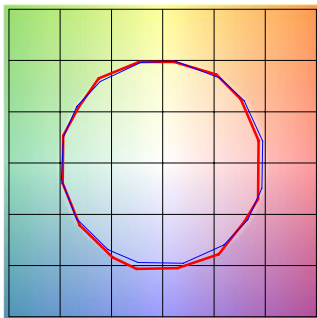


■ Test ■ Reference

		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 (2K4K) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

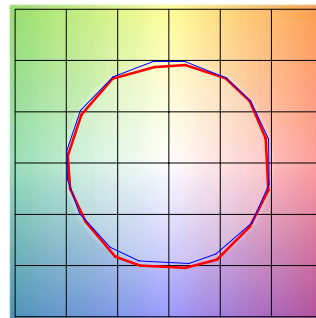


■ Test ■ Reference

		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 (2K4K) | 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%	

PROJECT		FIXTURE TYPE		DATE	
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