

PIPELINE 1 SUSPENSION

24VDC END FEED, WITH POWER



DESCRIPTION

Pipeline 1 Suspension with power is a 24VDC linear LED suspension housed within a sleek, minimal tube producing a clean, uninterrupted beam of light through a Diffused White 176° Lens. Highly customizable, the Pipeline 1 Suspension is available in various increments from 12" to 240" (20ft) and multiple standard Color Temperatures, including Warm Dim (27D) 2700K or (30D) 3000K that dim down to 2000K. Available in Lumen outputs up to 128 lumens per watt (1233 lumens/foot) using our Designer-grade High CRI (color rendering) LED strip. Choose from Several finishes and optional Black or White Louvers for additional Diffusion. All of our Pipeline 1 products come with a pro-rated five year warranty. For custom finishes and designs, email our design team: design@PureEdgeLighting.com.

Wattages for this fixture are available in the following options:

- 5W - 4.4 watts per foot, lengths up to 240" (20ft)
- 7W - 7.3 watts per foot, lengths up to 156" (13ft)
- 10W - 9.6 watts per foot, lengths up to 120" (10ft)

INSTALLATION

- Includes canopy with 120V/24VDC Electronic Low Voltage LED power supply.
- Includes adjustable 12ft coaxial cables (additional aircraft cables included for support when fixture exceeds 72")

FINISHES



Satin Black
BK

Chrome
CH

Satin Nickel
SN

White
WH

Satin Brass
with Black
End Caps &
Canopy
BB

Satin Brass
with White
End Caps &
Canopy
BW

LENS

- Available in a Diffused White Lens with 176° beam spread
- Optional black or white louver

LAMPING

- Choose from multiple color temperatures including Warm Dim
- Warm Dim - 2700K to 2000K (27D) or 3000K to 2000K (30D)
- Lumens - up to 916 lm/ft
- 50,000 Hour Lamp Life

POWER SUPPLY (INCLUDED IN CANOPY):

- 120V/24VDC Electronic Low Voltage
- 4.6" Round Canopy with power supply inside the junction box up to 50 watts, 6.5" Square Canopy for all other lengths.

CANOPY OPTIONS:

- E - Single End Feed Canopy,
- E2 - Matching Canopies (one is blank)

DIMMERS AND CONTROLS (ORDER SEPARATELY)

- Pure Smart™ Wi-Fi Dimmer
- Electronic Low Voltage Dimming (ELV)
- Legrand: Adorne ADTP703TU
- Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2

APPLICATIONS

Designed for indoor use only. Ideal environments include: Kitchens, dining rooms, hallways, conference rooms, offices, architectural, retail & general

COMPLIANCE

ETL Listed, RoHS. Assembled in America.

System	Wattage Per Foot	Canopy	Nominal Length	Color Temperature	Finish
P1SDP	5W	E	240	27K	SN
P1SDP Pipeline 1 Suspension, Diffused Lens P1SDWP Pipeline 1 Suspension, Diffused Lens with White Louver P1SDBP Pipeline 1 Suspension, Diffused Lens with Black Louver	5W 4.4 Watt (240" max, 20ft) 7W 7.3 Watt (156" max, 12ft) 10W 9.6 Watt (120" max, 10ft)	E End Feed E2 End Feed, 2 Canopies *See pg 5 for canopy dimensions	12-240 Order in 12" increments from 12" to 240". *Maximum shipping length is 120", 84" for Chrome **See length chart for exact dimensions	24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5W only) 30K 3000K Warm White 30D 3000K Warm Dim (5W only) 35K 3500K Neutral White 40K 4000K Cool White	BK Satin Black CH Chrome SN Satin Nickel WH White BB Satin Brass with Black Canopy BW Satin Brass with White Canopy

PROJECT		FIXTURE TYPE		DATE	
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PIPELINE 1 SUSPENSION

24VDC END FEED, WITH POWER

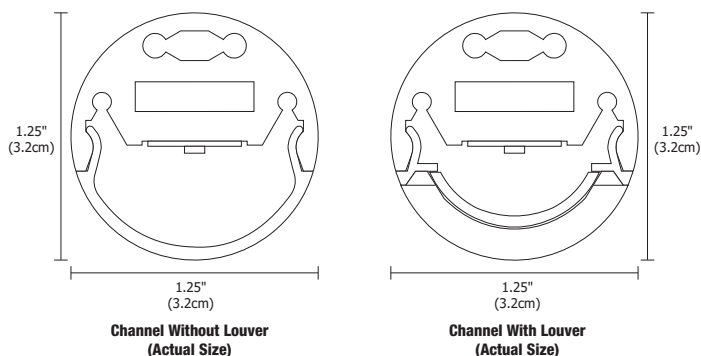
LAMP DATA Lamp data for Pipeline 1 Suspension

DESCRIPTION	P1SD																
	176 Degree Diffused White Lens																
	5W (4.4 Watts)							7W (7.3 Watts)					10W (9.6 Watts)				
WATTS PER FOOT	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	378	416	406	454	444	520	565	627	689	753	863	938	825	907	991	1134	1233
LUMENS PER WATT (lm/w)	86	94	85	103	93	118	129	86	94	103	118	129	86	94	103	118	129
CRI	90+	95+	95+	95+	95+	85+	84	90+	95+	95+	85+	84	90+	95+	95+	85+	84

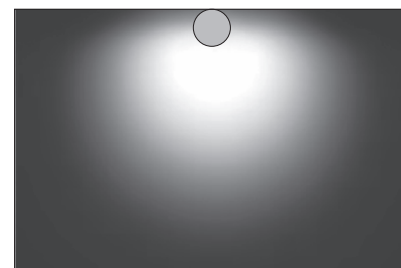
DESCRIPTION	P1SDW																
	176 Degree Diffused White Lens with White Louver																
	5w (4.4 watts)							7w (7.3 watts)					10w (9.6 watts)				
WATTS PER FOOT	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	264	290	284	317	311	363	395	264	290	317	363	395	576	633	692	793	862
LUMENS PER WATT (lm/w)	60	66	59	72	65	83	90	60	66	72	83	90	60	66	72	83	90
CRI	90+	95+	95+	95+	95+	85+	84	90+	95+	95+	85+	84	90+	95+	95+	85+	84

DESCRIPTION	P1SDBP																
	176 Degree Diffused White Lens with Black Louver																
	5w (4.4 watts)							7w (7.3 watts)					10w (9.6 watts)				
WATTS PER FOOT	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	151	166	163	181	178	208	226	250	275	301	344	374	329	362	396	453	492
LUMENS PER WATT (lm/w)	34	38	34	41	37	47	51	34	38	41	47	51	34	38	41	47	51
CRI	90+	95+	95+	95+	95+	85+	84	90+	95+	95+	85+	84	90+	95+	95+	85+	84

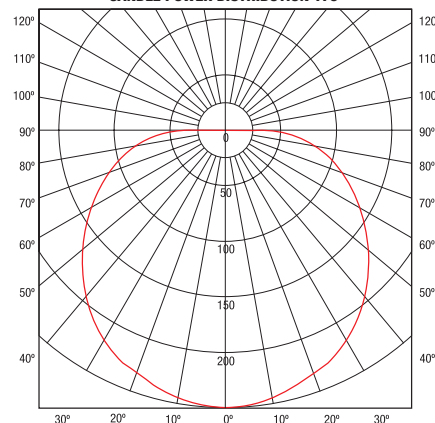
*27D, 30D - Warm Dim (4.8 Watts)



BEAM SPREAD CHART
P1SDP 3000K 5 Watt 176°



CANDLE POWER DISTRIBUTION 176°



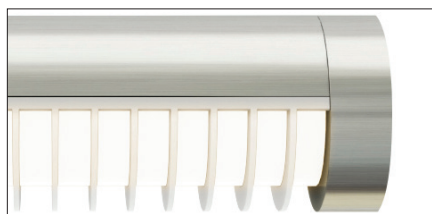
5 Watt 176°	
Distance	Foot Candles
1'	139
1.5'	92
2'	69
3'	45
4'	32
5'	24
6'	19
7'	15
8'	12

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

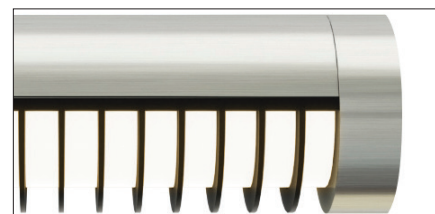
10 Watt 176°	
Distance	Foot Candles
1'	256
1.5'	172
2'	127
3'	83
4'	60
5'	45
6'	36
7'	28
8'	23



DIFFUSED WHITE LENS



DIFFUSED WHITE LENS WITH WHITE LOUVER



DIFFUSED WHITE LENS WITH BLACK LOUVER

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PIPELINE 1 SUSPENSION

24VDC END FEED, WITH POWER

LENGTH CHART Actual lengths for Pipeline 1 Suspension—End Feed

STATIC WHITE														
Nominal Length (Inches)	Actual Length (Inches)	Actual Length (Chrome)	Total Wattage (5W)	Total Lumens 3000K (5W)	Total Lumens White Louver (5W)	Total Lumens Black Louver (5W)	Total Wattage (7W)	Total Lumens 3000K (7W)	Total Lumens White Louver (7W)	Total Lumens Black Louver (7W)	Total Wattage (10W)	Total Lumens 3000K (10W)	Total Lumens White Louver (10W)	Total Lumens Black Louver (10W)
12	13	13	5	463	324	185	8	670	469	268	10	771	540	309
24	25	25	10	926	648	370	15	1340	938	536	20	1542	1080	618
36	37	37	15	1389	972	555	23	2010	1407	804	29	2313	1620	927
48	49	49	20	1852	1296	740	30	2680	1876	1072	39	3084	2160	1236
60	61	61	25	2315	1620	925	38	3350	2345	1340	48	3855	2700	1545
72	73	73	30	2778	1944	1110	45	4020	2814	1608	58	4626	3240	1854
84	85	85	35	3241	2268	1295	53	4690	3283	1876	68	5397	3780	2163
96	97	97.4	40	3704	2592	1480	60	5360	3752	2144	77	6168	4320	2472
108	109	109.4	45	4167	2916	1665	68	6030	4221	2412	87	6939	4860	2781
120	121	121.4	50	4630	3240	1850	75	6700	4690	2680	96	7710	5400	3090

*84 inches is maximum shipping length for Chrome.

WARM DIM (27D & 30D)									
Nominal Length (Inches)	Actual Length (Inches)	Actual Length (Chrome)	Total Wattage (5W)	Total Lumens 3000K (5W)	Total Lumens White Louver (5W)	Total Lumens Black Louver (5W)	Total Lumens 2700K (5W)	Total Lumens White Louver (5W)	Total Lumens Black Louver (5W)
12	13	13	5	472	331	207	432	303	190
24	25	25	10	944	662	414	864	606	380
36	37	37	15	1416	993	621	1296	909	570
48	49	49	20	1888	1324	828	1728	1212	760
60	61	61	25	2360	1655	1035	2160	1515	950
72	73	73	30	2832	1986	1242	2592	1818	1140
84	85	85	35	3304	2317	1449	3024	2121	1330
96	97	97.4	40	3776	2648	1656	3456	2424	1520
108	109	109.4	45	4248	2979	1863	3888	2727	1710
120	121	121.4	50	4720	3310	2070	4320	3030	1900

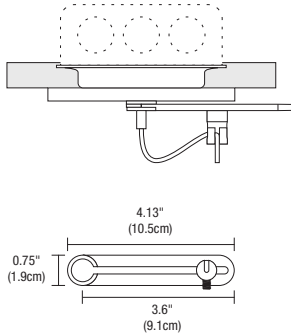
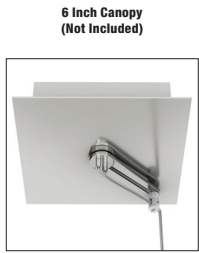
*84 inches is maximum shipping length for Chrome.

PROJECT		FIXTURE TYPE		DATE	
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PIPELINE 1 SUSPENSION

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Accessories: Accessories for Pipeline 1 Suspension



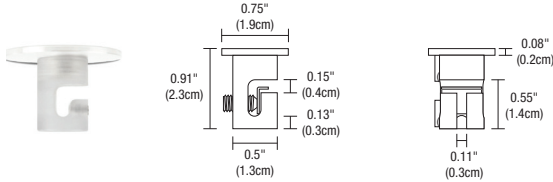
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR & HOOK

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

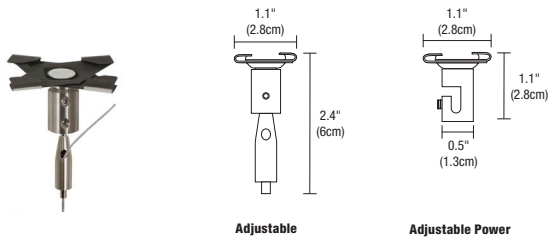
The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.



System	Type
CS	SWAG
CS Channel Suspension	SWAG Swag Hook

PIPELINE SUSPENSION ADJUSTABLE T-BAR CLIP

Pipeline 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	W White BK Satin Black

PROJECT		FIXTURE TYPE		DATE	
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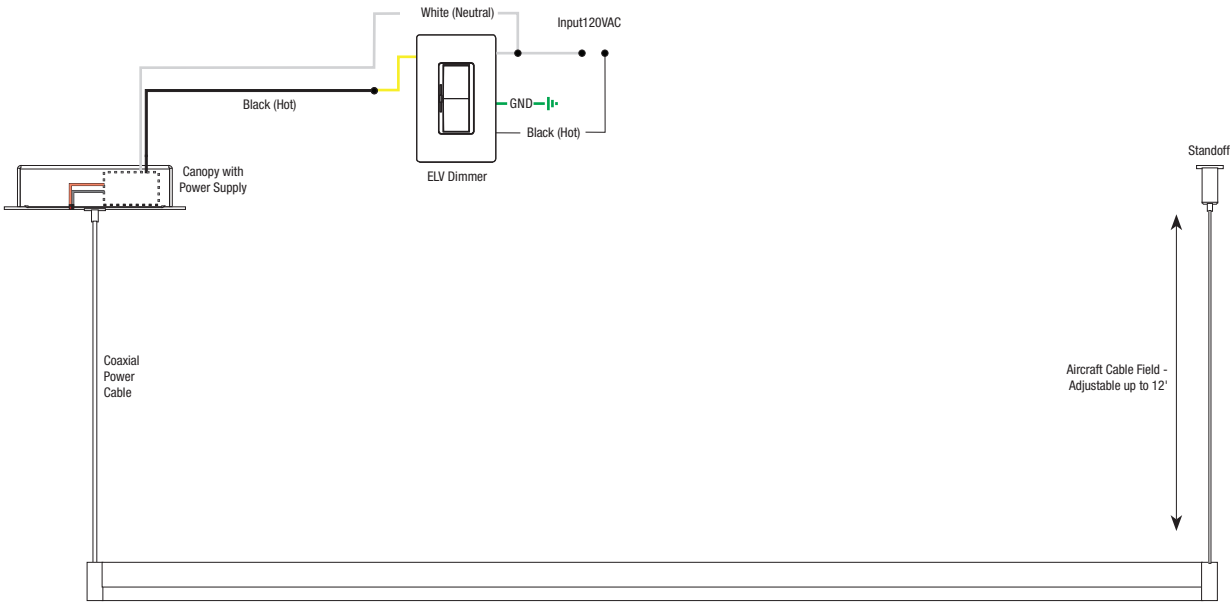
PIPELINE 1 SUSPENSION

24VDC END FEED, WITH POWER

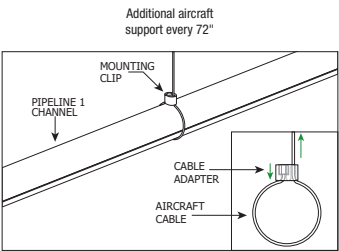
Wiring Diagram: Wiring diagram for an ELV Dimmer

Application: ELV dimming for Pipeline 1 Suspension Up or Down with Power - End Feed

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



Up to 20ft long. Additional adjustable cable supports provided for fixtures over 6ft



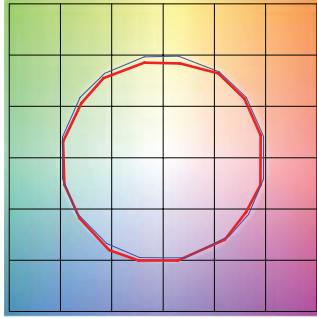
PROJECT		FIXTURE TYPE		DATE	
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SUSPENSION TM30 DATA

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.

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

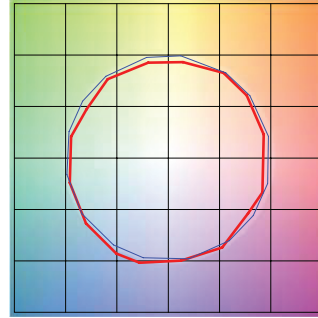


■ Test ■ Reference

		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

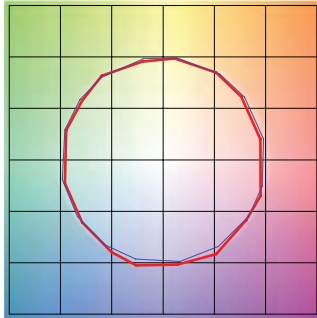


■ Test ■ Reference

		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

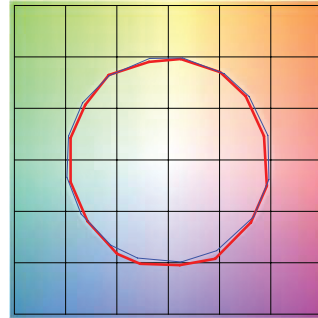


■ Test ■ Reference

		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

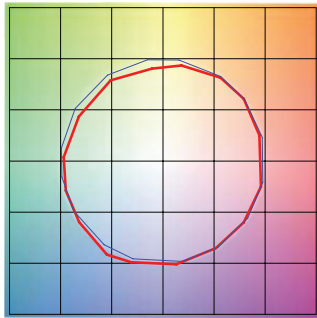


■ Test ■ Reference

		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



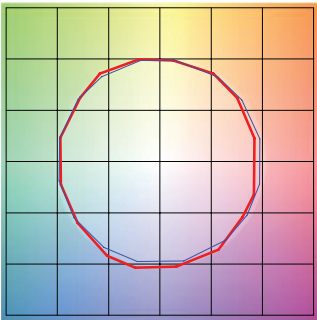
■ Test ■ Reference

		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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TM-30-15 DATA: The data below is for SS5C and SS7C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

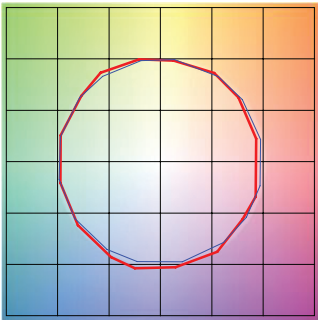
2700D | Rf: 89.5 | Rg: 100.8
Color Vector Graphic



Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%