

# PIPELINE 2 SUSPENSION

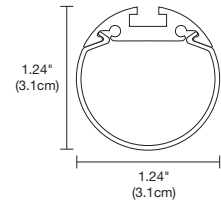
## 24VDC REMOTE POWER, END FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 08.18.22



DIFFUSED WHITE LENS



### DESCRIPTION

The Pipeline 2 Family of Fixtures from PureEdge Lighting brings together form, function and style. The Pipeline 2 Suspension End Feed with Remote Power Supply is available in sizes ranging from 12" to 240". Offered in multiple color temperatures including Warm Dim, 4 distinct finishes and 2 wattage options the Pipeline 2 is truly a lighting designers dream. 176° beam spread with 280 degree lens. Pro-rated 5 Year Warranty. Designed By Gregory Kay.

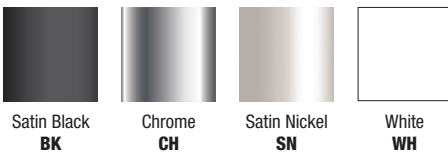
Wattages for this fixture are available in the following options:

- 5W - 4.4 Watts per Foot, Lengths up to 240" (20')
- 7W - 7.3 Watts per Foot, Lengths up to 144" (12')

### INSTALLATION

- Mounts to a Standard Junction Box, from a Remote Power Supply feeding 24VDC up to 100 Watts at a maximum of 40' away
- Includes your choice of one or two Canopies: one for Remote Power, one blank - **2R2, 2S2, 4R2, 4S2**
- Includes adjustable 12' Coaxial Cables (additional Aircraft Cables included for support when fixture exceeds 48")

### CHANNEL & CANOPY FINISHES



System	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
<b>P2SD</b>	<b>5W</b>	<b>2R</b>	<b>156</b>	<b>30K</b>	<b>SN</b>
<b>P2SD</b> Pipeline 2 Suspension, Diffused Lens	<b>5W</b> 4.4 Watts (240" max, 20') <b>7W</b> 7.3 Watts (144" max, 12')	<b>2R</b> 2.8" Round Canopy <b>2S</b> 2.8" Square Canopy <b>4R</b> 4.6" Round Canopy <b>4S</b> 4.6" Square Canopy <b>2R2</b> 2 x 2.8" Round Canopies <b>2S2</b> 2 x 2.8" Square Canopies <b>4R2</b> 2 x 4.6" Round Canopies <b>4S2</b> 2 x 4.6" Square Canopies	<b>12-240</b> Order in 12" increments 120" Maximum shipping length, Chrome: 84"  See length chart for exact dimensions. Custom lengths available.	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>27D</b> 2700K Warm Dim (5W only) <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim (5W only) <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Satin Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White

### LAMPING

- Choose from several dimmable, static white color temperatures from 2400K-4000K
- Warm Dim - 2700K-2000K (**27D**) or 3000K-2000K (**30D**)
- 50,000 Hour Lamp Life

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

24VDC, Class 2 wiring

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Electronic Low Voltage \(ELV\)†](#) 50W (fits inside junction box)
- [Lutron Hi-Lume/Ecosystem](#)

\*In-wall mounting and drop ceiling kits available for select power supplies

†ELV power supplies are not compatible with nLight, use only Universal power supplies

### APPROVALS

ETL Listed, RoHS, Class 2 Title 24 JA8 listed for 2700K CCT and above when used with PureEdge remote Universal power supplies, Made in America, Damp location

### APPLICATIONS

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

PROJECT		FIXTURE TYPE		DATE	
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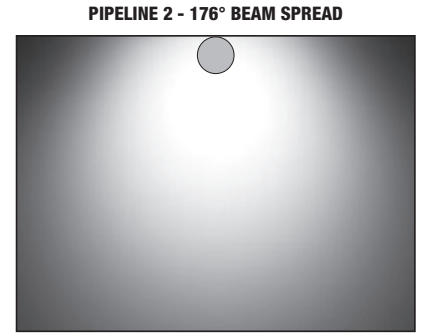
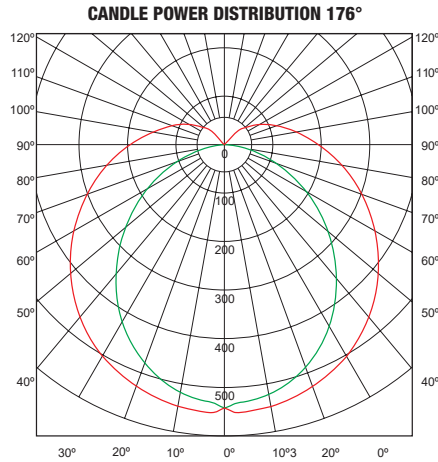
## 24VDC REMOTE POWER, END FEED

### Lamp Data: Lamp Data for Pipeline 2 Suspension Downlight with Remote Power

P2SD												
280 Degree Diffused White Lens, 176° Beam Spread												
DESCRIPTION	5w (4.4 watts)						7w (7.3 watts)					
WATTS PER FOOT												
COLOR TEMPERATURE	24K	27K	27D	30K	30D	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	334	367.0	389.0	401.1	425.1	459.2	499.3	546	600.2	655.9	751.1	816.7
LUMENS PER WATT (lm/w)	76	83.4	81.0	91.2	88.6	104.4	113.5	75	82.2	89.9	102.9	111.9
CRI	90+	95+	95+	95+	95+	85+	84	90+	95+	95+	85+	84

5 Watt 176°	
Distance	Foot Candles
1'	201
1.5'	134
2'	102
3'	68
4'	49
5'	37
6'	29
7'	23
8'	18

7 Watt 176°	
Distance	Foot Candles
1'	303
1.5'	203
2'	148
3'	99
4'	71
5'	46
6'	35
7'	24
8'	25



### Length Chart: Actual lengths for Pipeline 2 Suspension Downlight with Remote Power—End Feed

STATIC WHITE							WARM DIM (27D & 30D)				
Nominal Length (Inches)	Actual Length (Inches)	Actual Length (Feet)	Total Wattage (5W)	Total Lumens 3000K (5W)	Total Wattage (7.5W)	Total Lumens 3000K (7.5W)	Nominal Length (Inches)	Actual Length (Inches)	Actual Length (Feet)	Total Wattage (5W)	Total Lumens 3000K (5W)
12	13	3		360	8	585	12	14.5	1.2	5	453
24	25	5		720	15	1170	24	26.5	2.2	10	906
36	37	8		1080	23	1755	36	38.5	3.2	15	1359
48	49	10		1440	30	2340	48	50.5	4.2	20	1812
60	61	13		1800	38	2925	60	62.5	5.2	25	2265
72	73	15		2160	45	3510	72	74.5	6.2	30	2718
84*	85	18		2520	53	4095	84*	86.5	7.2	35	3171
96	97	20		2880	60	4680	96	98.5	8.2	40	3624
108	109	23		3240	68	5265	108	110.5	9.2	45	4077
120	122.5	10.2		3600	75	5850	120	122.5	10.2	50	4530

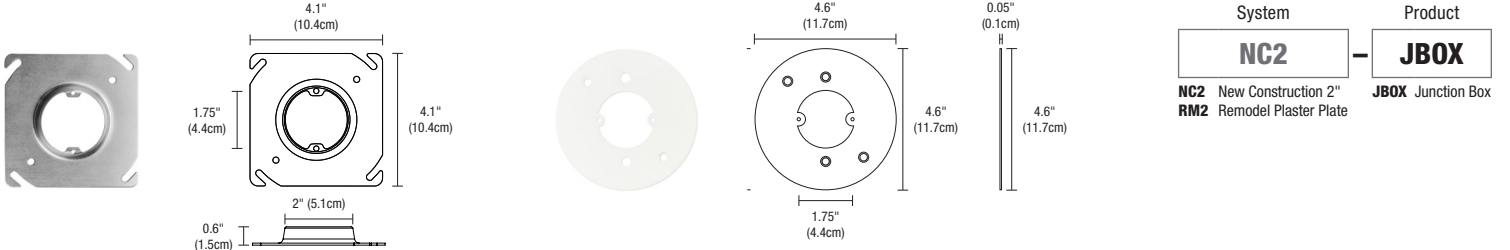
\*Maximum Chrome Shipping Length

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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

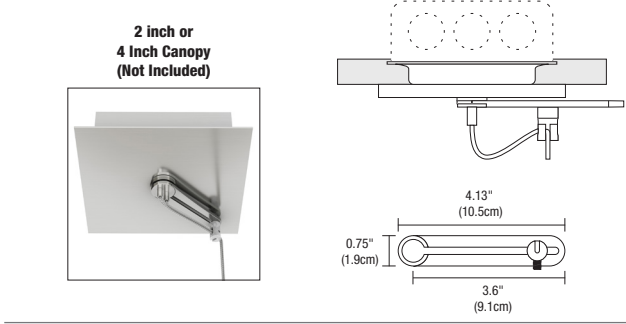
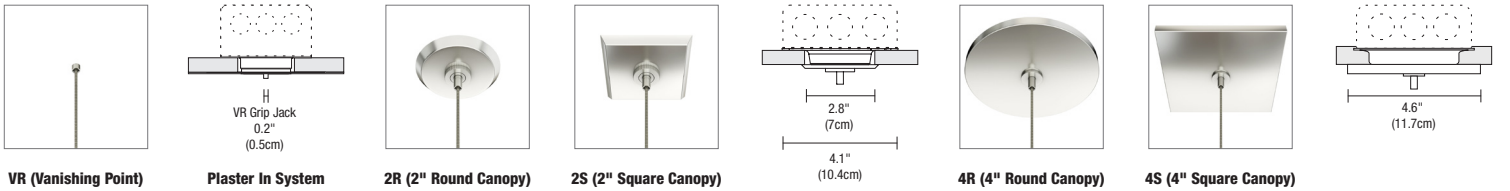
**NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX**

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) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look.



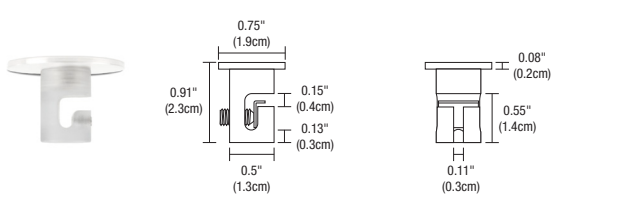
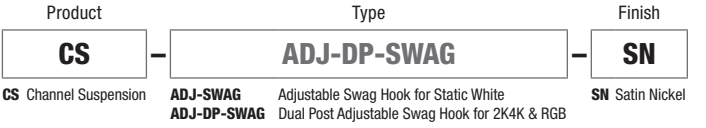
**REMOTE POWER CANOPIES (INCLUDED)**

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) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look. Vanishing Point Plaster in system with No Canopy, only see cable going through drywall ceiling with GJ24.



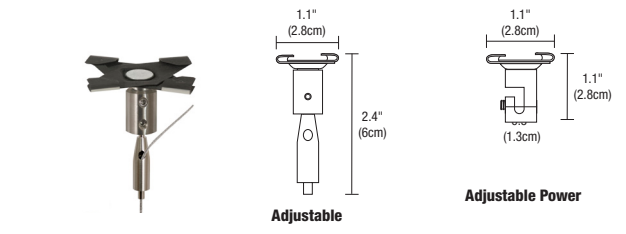
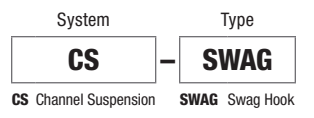
**CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK**

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



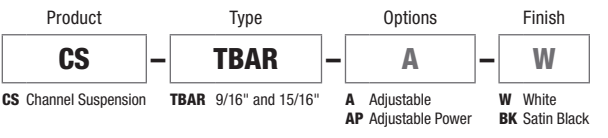
**CHANNEL SUSPENSION SWAG HOOK**

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



**CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP**

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

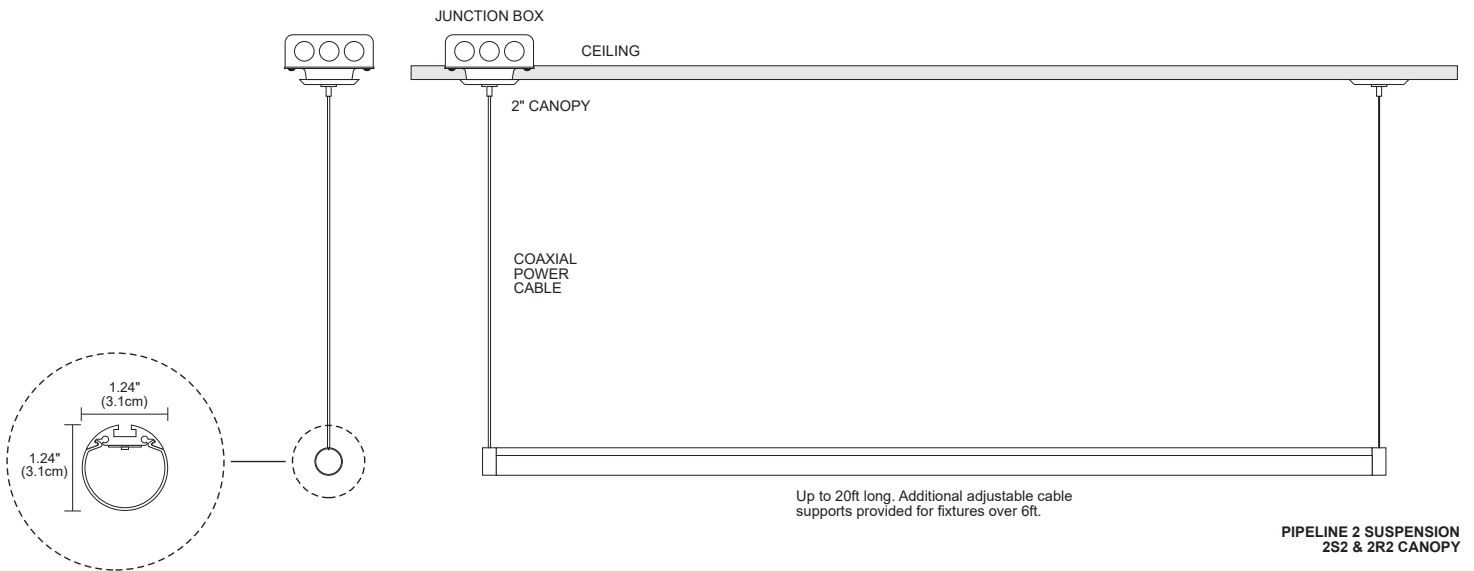
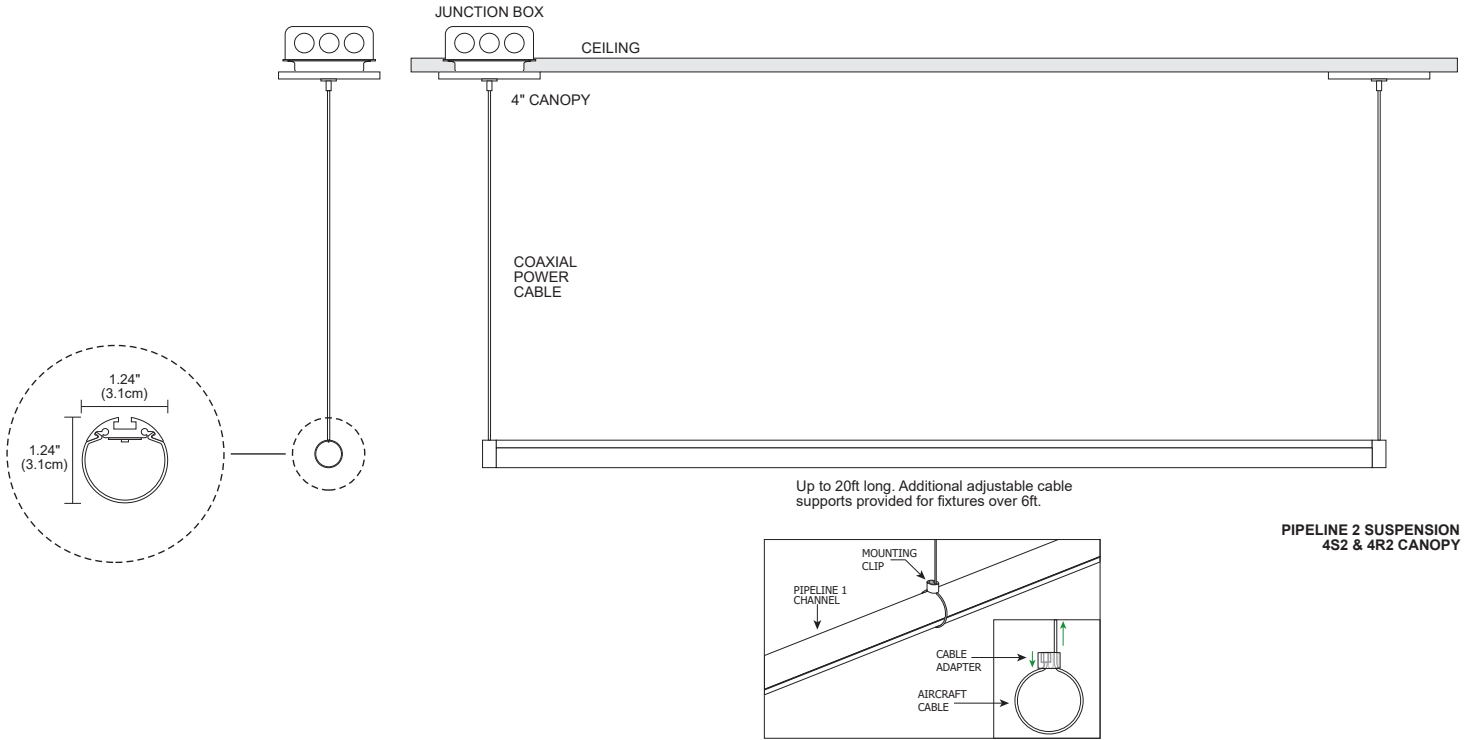


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**Drawings:** Drawings are shown with 2" round canopy, 2" square canopy, 4" round canopy, and 4" square canopy.

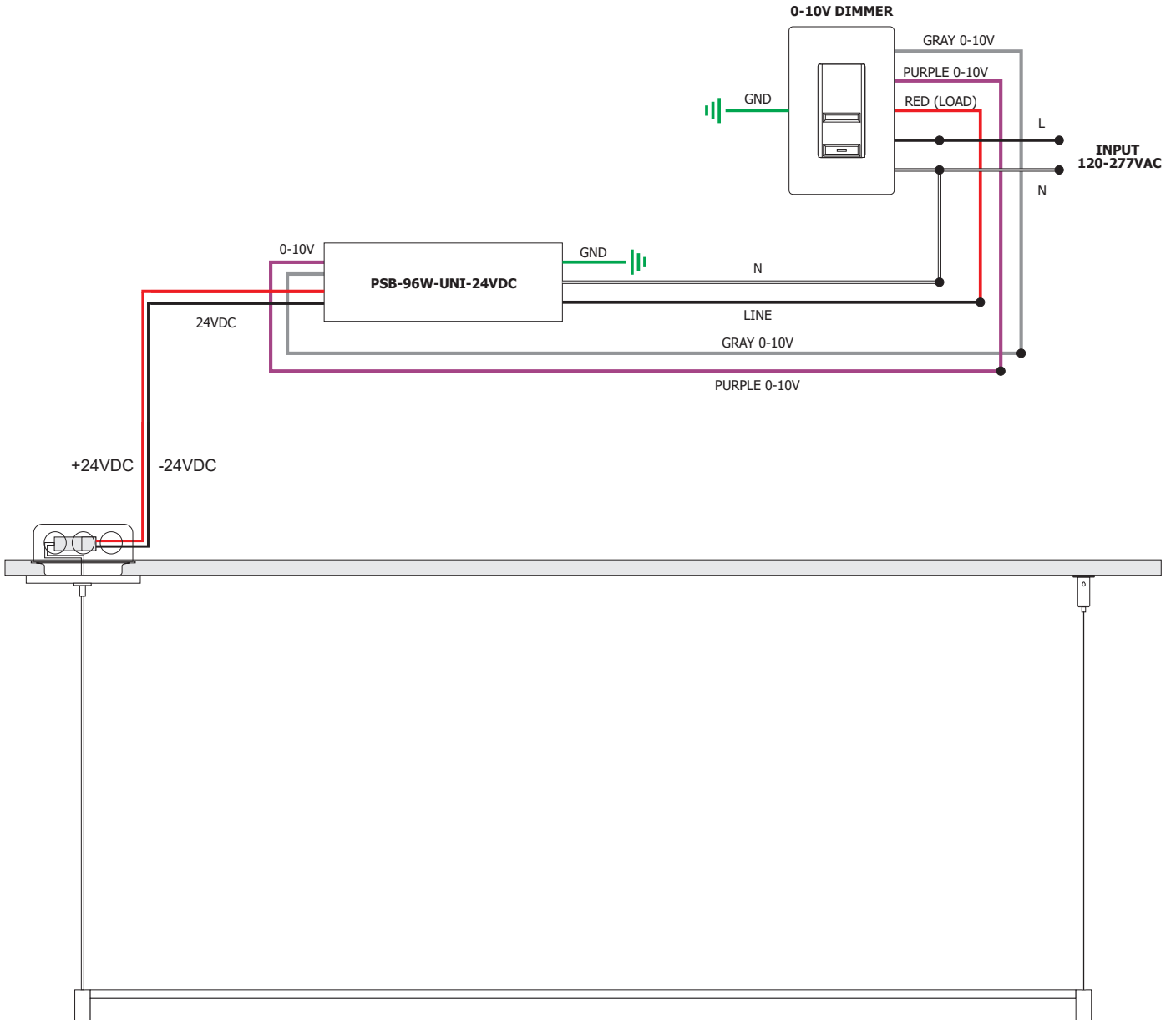


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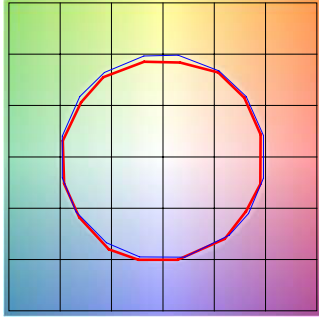
**Wiring Diagram:** Wiring Diagram for Static White with 0-10 Dimmer



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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.

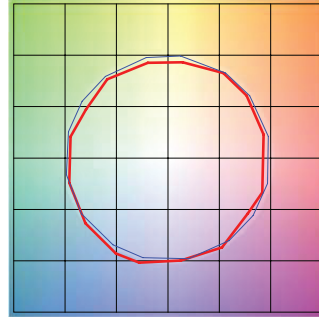
**2400K** | Rf: 84.5 | Rg: 94.4  
Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92	-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	-0.6%	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%

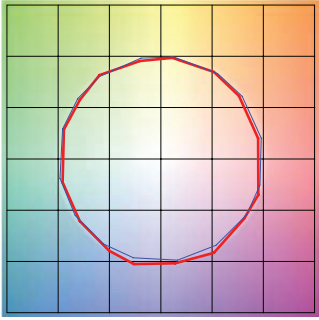
**2700K** | Rf: 87.7 | Rg: 96.1  
Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%

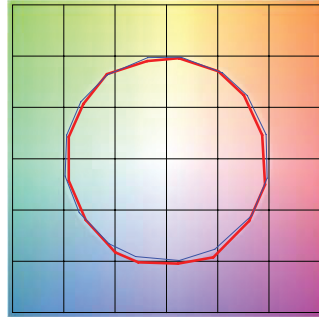
**3000K** | Rf: 88.1 | Rg: 99.7  
Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%

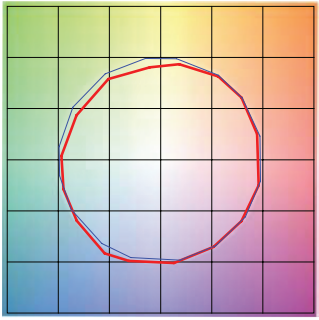
**3500K** | Rf: 86.1 | Rg: 95.5  
Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

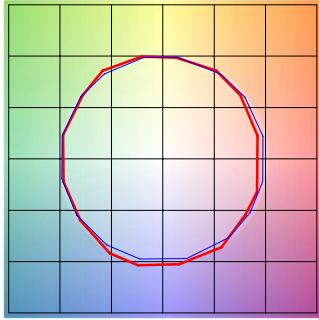
HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

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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

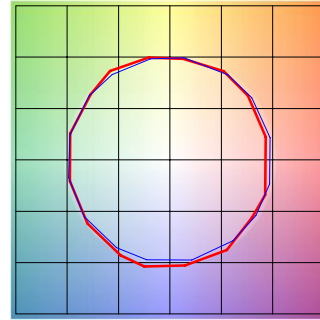


■ Test ■ Reference

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%

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