

TRI-PIPELINE 1 ROTATABLE SUSPENSION

24VDC REMOTE POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 11.06.23



DESCRIPTION

Tri-Pipeline 1 Suspension with Remote Power is an innovative linear LED fixture with three to six channels that can be rotated 360°, allowing you to effortlessly shine the light Up for Indirect ambient lighting, or downward for task and general illumination, and anywhere in between. Each channel produces clean, uninterrupted beams of light through a Diffused White 176° Lens. Highly customizable, the Tri-Pipeline 1 Suspension is available in lengths from 3' to 40' and multiple color temperatures Color Temperatures, including Warm Dim 2700K (27D) or 3000K (30D) that dim down to 2000K. Available in Lumen outputs up to 108 lumens per watt (916 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. Fixture includes a 5 year pro-rated warranty. For custom finishes, designs, quotes and layout assistance, email our design team: design@PureEdgeLighting.com.

INSTALLATION

- Mounts to a Standard Junction Box
- 4.6" Round Canopy; additional canopies including Vanishing Point available upon request
- 24VDC Remote Power Supply up to 6x 100 Watts at a maximum of 40' away
- Includes adjustable 10' power and support cables

FINISHES



Satin Black **BK** White **WH** Satin Brass **SB** Satin Brass with Black End Caps **BB** Satin Brass with White End Caps **BW**

LENSES

- Diffused White Lens with 176° beam spread
- Optional Black or White louver available upon request

LAMPING

- Choose from multiple Color Temperatures between 2400K-4000K including Warm Dim
- Warm Dim: 2700K-2000K (27D) or 3000K-2000K (30D)
- 50,000 Hour Lamp Life

REMOTE POWER SUPPLIES* & DIMMERS (SOLD SEPARATELY)

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Lutron Hi-Lume/Ecosystem](#)

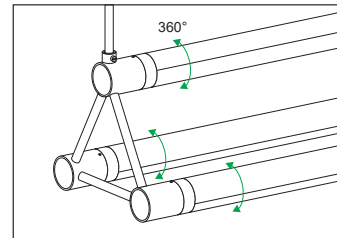
*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPLICATIONS

Designed for indoor use only. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

APPROVALS

Listed, Class 2, Damp Location, Made in America



System	Wattage Per Foot	Canopy	Nominal Size*	Color Temperature	Finish
TPSR	15W	E	4FT	30K	BK
TPSR Tri-Pipeline 1 Suspension Up and Downlight, Diffused Lens, Remote Power	15W 15 Watt	E End Feed (max 20') C Center Feed (max 40')	3-40 Order in 1' increments from 3' to 40'	24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim 30K 3000K Warm White 30D 3000K Warm Dim 35K 3500K Neutral White 40K 4000K Cool White	BK Black Powder Coat WH White Powder Coat SB Satin Brass Powder Coat BB Satin Brass Powder Coat with Black End Caps and Hardware BW Satin Brass Powder Coat with White End Caps and Hardware

*See length chart for exact dimensions. Custom lengths available

PROJECT	FIXTURE TYPE	DATE
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TRI-PIPELINE 1 ROTATABLE SUSPENSION

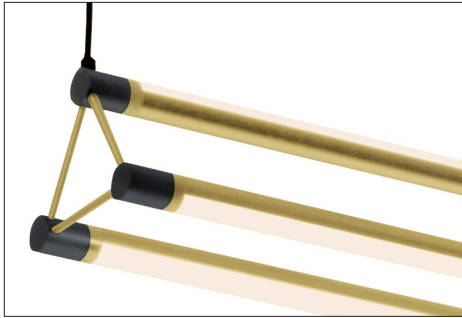
24VDC REMOTE POWER



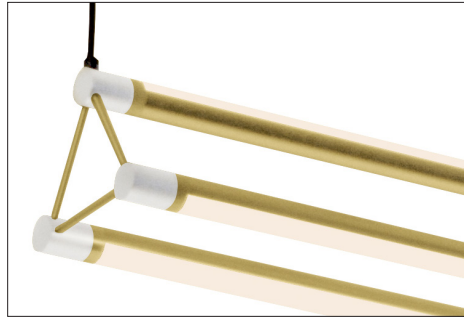
BLACK



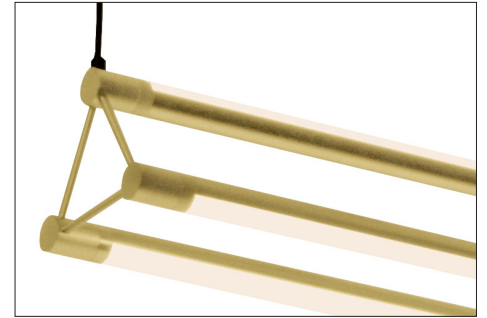
WHITE



SATIN BRASS WITH BLACK END CAPS



SATIN BRASS WITH WHITE END CAPS

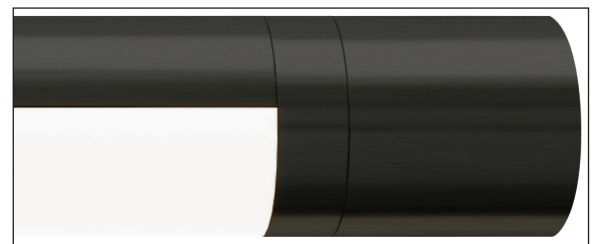
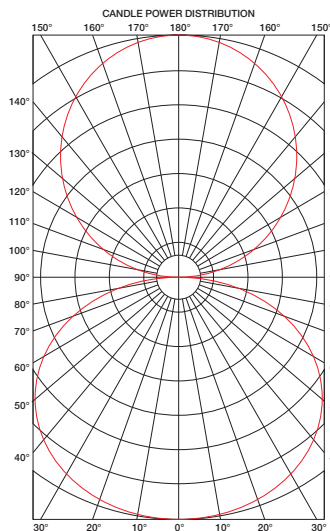


SATIN BRASS

Lamp Data: Lamp Data for Tri-Pipeline 1 Suspension Up or Down with Remote Power

DESCRIPTION	TPS							
	176° Diffused White Lens without Louver							
WATTS PER FOOT	15w							
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	
LUMENS PER FOOT (lm/ft)	1134	1248	1218	1362	1332	1560	1695	
LUMENS PER WATT (lm/w)	86	94	85	103	93	118	129	
CRI	90+	95+	95+	95+	95+	85+	84	

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



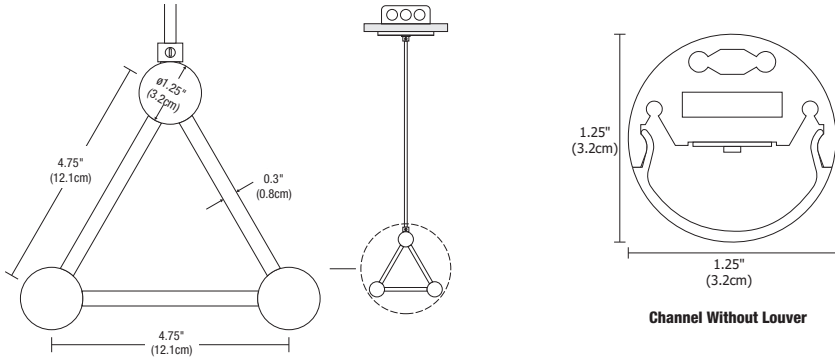
DIFFUSED WHITE LENS

PROJECT		FIXTURE TYPE		DATE	
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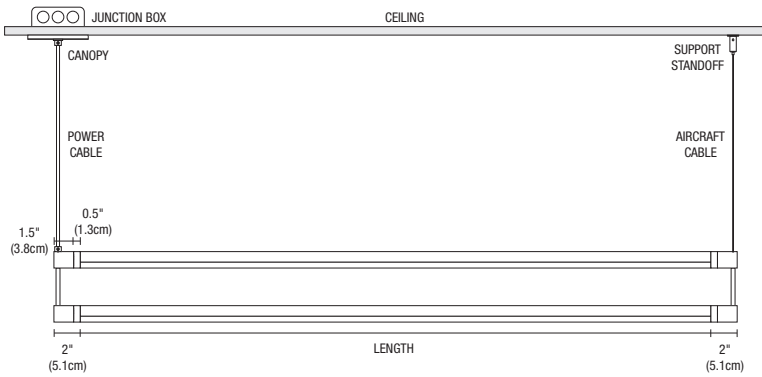
TRI-PIPELINE 1 ROTATABLE SUSPENSION

24VDC REMOTE POWER

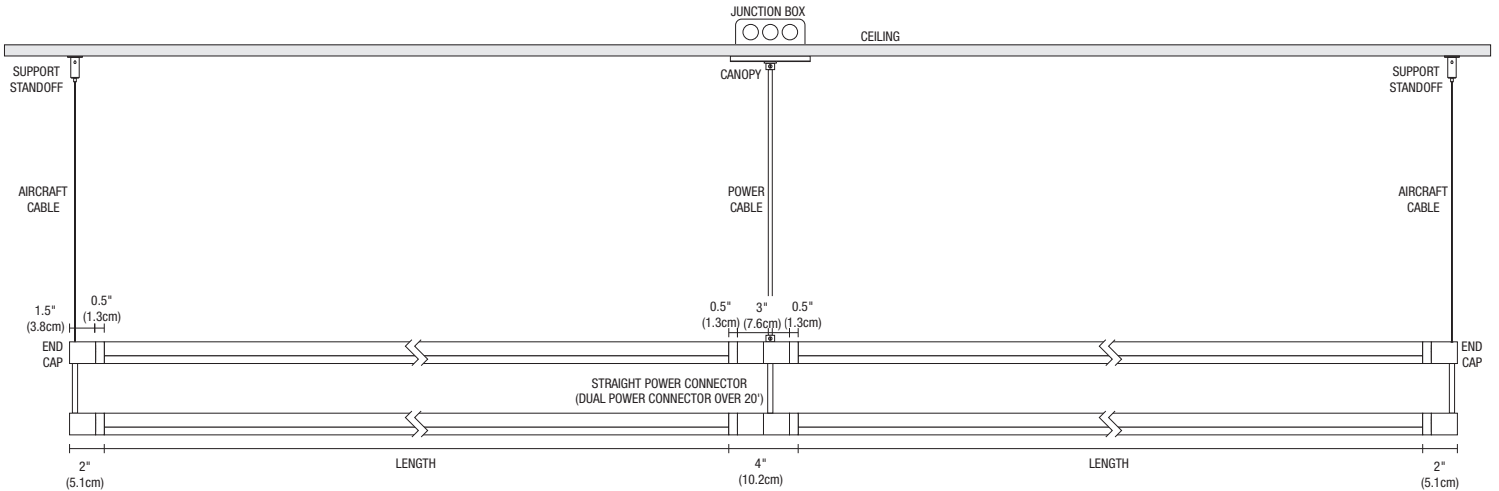
Drawings: End Feed



Channel Without Louver



Center Feed



PROJECT	FIXTURE TYPE	DATE
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TRI-PIPELINE 1 ROTATABLE SUSPENSION

24VDC REMOTE POWER

End Feed Length Chart: Actual lengths for Tri-Pipeline 1 Suspension Up/Down

Ordering Code (Nominal Size)	Nominal Size (Inches)	Actual Length (Inches)	15W PER/FT (5W UP + 10W DOWN)			
			Up Wattage	Down Wattage	Total Wattage	Power Supply
4'	48"	52"	20	40	60	PSB-60W-UNI-24VDC
5'	60"	64"	25	50	75	PSB-96W-UNI-24VDC
6'	72"	76"	30	60	90	PSB-96W-UNI-24VDC
7'	84"	88"	35	70	105	PSB-2X96W-UNI-24VDC
8'	96"	100"	40	80	120	PSB-2X96W-UNI-24VDC
9'	108"	112"	45	90	135	PSB-2X96W-UNI-24VDC
10'	120"	124"	50	100	150	PSB-3X60W-UNI-24VDC
11'	132"	140"	55	110	165	PSB-3X60W-UNI-24VDC
12'	144"	152"	60	120	180	PSB-3X60W-UNI-24VDC
13'	156"	166.9"	65	130	195	PSB-3X96W-UNI-24VDC
14'	168"	178.9"	70	140	210	PSB-3X96W-UNI-24VDC
15'	180"	190.9"	75	150	225	PSB-3X96W-UNI-24VDC
16'	192"	202.9"	80	160	240	PSB-3X96W-UNI-24VDC
17'	204"	214.9"	85	170	255	PSB-3X96W-UNI-24VDC
18'	216"	226.9"	90	180	270	PSB-3X96W-UNI-24VDC
19'	228"	238.9"	93	188	285	PSB-3X96W-UNI-24VDC
20'	240"	250.9"	96	192	300	PSB-3X96W-UNI-24VDC

**Maximum Shipping Length

Dual Center Feed Length Chart

Ordering Code (Nominal Size)	Nominal Size (Inches)	Actual Length (Inches)	15W PER/FT (5W UP + 10W DOWN)				
			Up Wattage	Down Wattage	Total Wattage	Up Light Power Supply	Downlight Power Supply
21'	252"	268"	105	210	315	PSB-2X60W-UNI-24VDC	PSB-4X60W-UNI-24VDC
22'	264"	280"	110	220	330	PSB-2X60W-UNI-24VDC	PSB-4X60W-UNI-24VDC
23'	276"	292"	115	230	345	PSB-2X60W-UNI-24VDC	PSB-4X60W-UNI-24VDC
24'	288"	304"	120	240	360	PSB-2X60W-UNI-24VDC	PSB-4X60W-UNI-24VDC
25'	300"	316"	125	250	375	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
26'	312"	328"	130	260	390	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
27'	324"	340"	135	270	405	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
28'	336"	352"	140	280	420	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
29'	348"	364"	145	290	435	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
30'	360"	376"	150	300	450	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
31'	372"	388"	155	310	465	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
32'	384"	400"	160	320	480	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
33'	396"	412"	165	330	495	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
34'	408"	424"	170	340	510	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
35'	420"	436"	175	350	525	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
36'	432"	448"	180	360	540	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
37'	444"	460"	185	370	555	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
38'	456"	472"	190	380	570	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
39'	468"	484"	195	390	585	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
40'	480"	496"	200	400	600	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC

PROJECT		FIXTURE TYPE		DATE	
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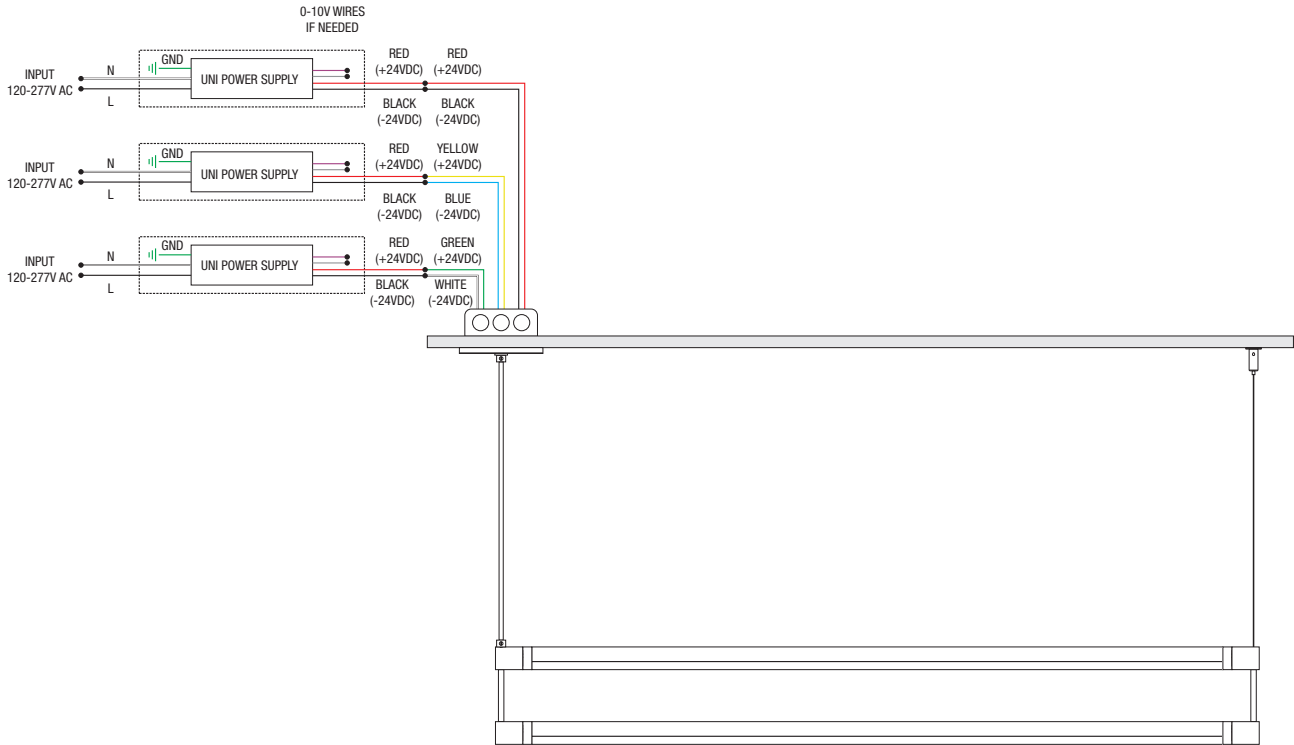
24VDC REMOTE POWER

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

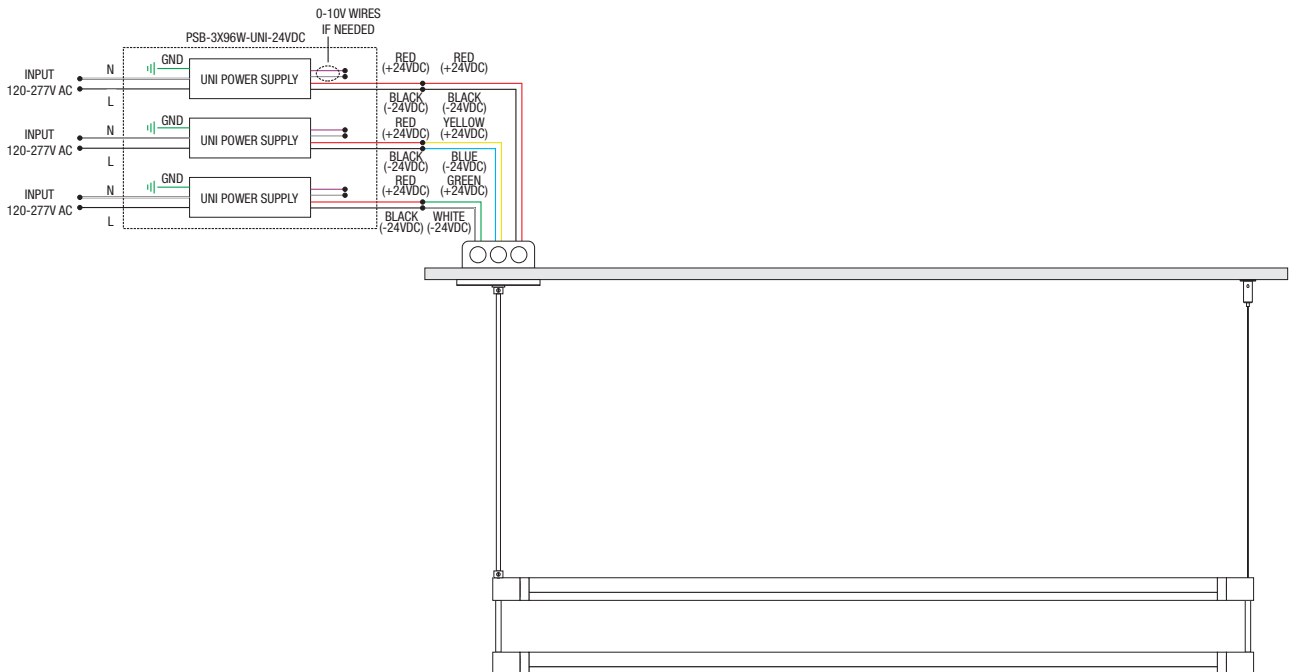
Application: 0-10V dimming for Tri-Pipeline 1 Suspension Up/Down with Remote Power—End Feed

Remote Power Supplies: Class 2: 24VDC output; 120/277VAC input. PSB-96W-UNI-24VDC



Application: 0-10V dimming for Tri-Pipeline 1 Suspension Up/Down with Remote Power—End Feed

Remote Power Supplies: Class 2: 24VDC output; 120/277VAC input. PSB-3X96W-UNI-24VDC

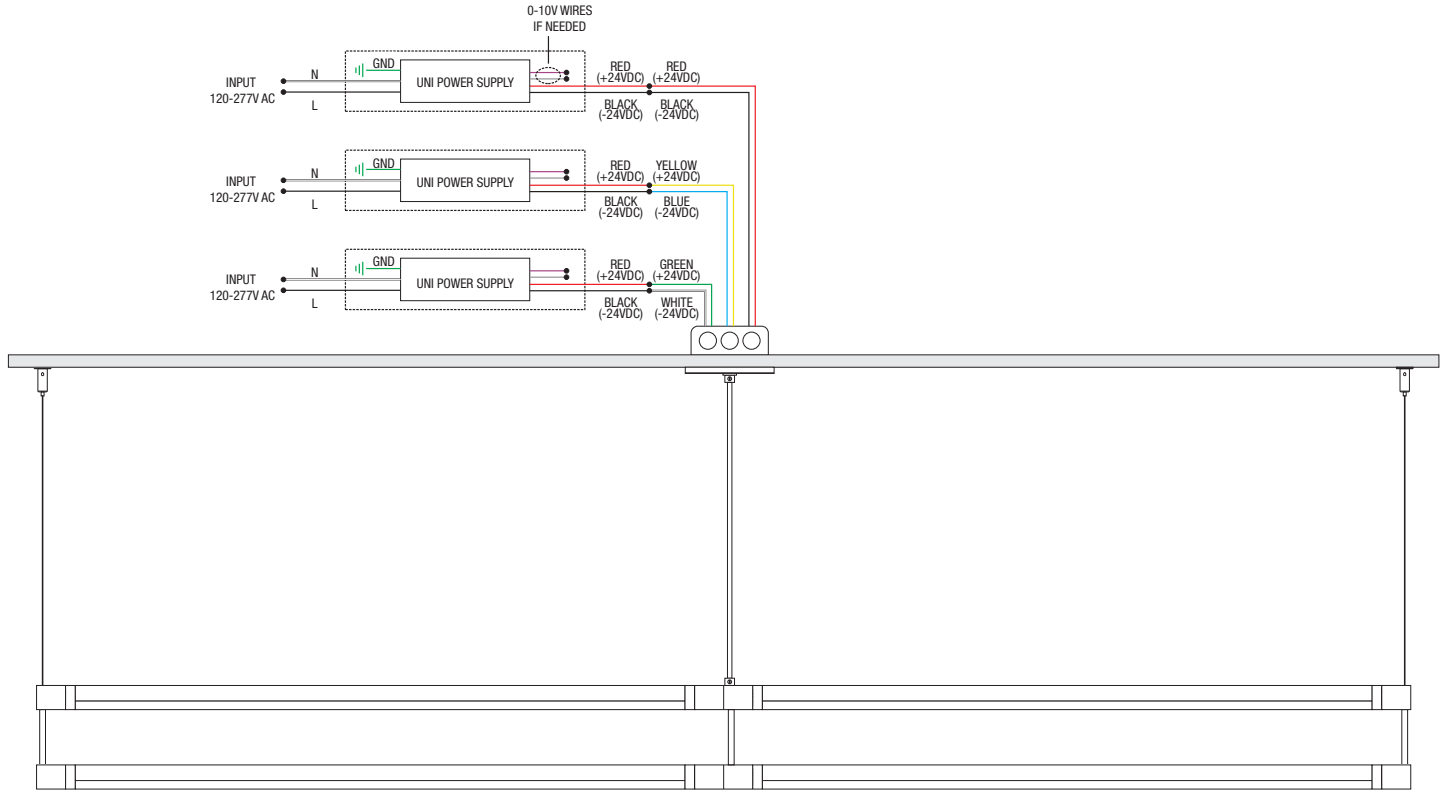


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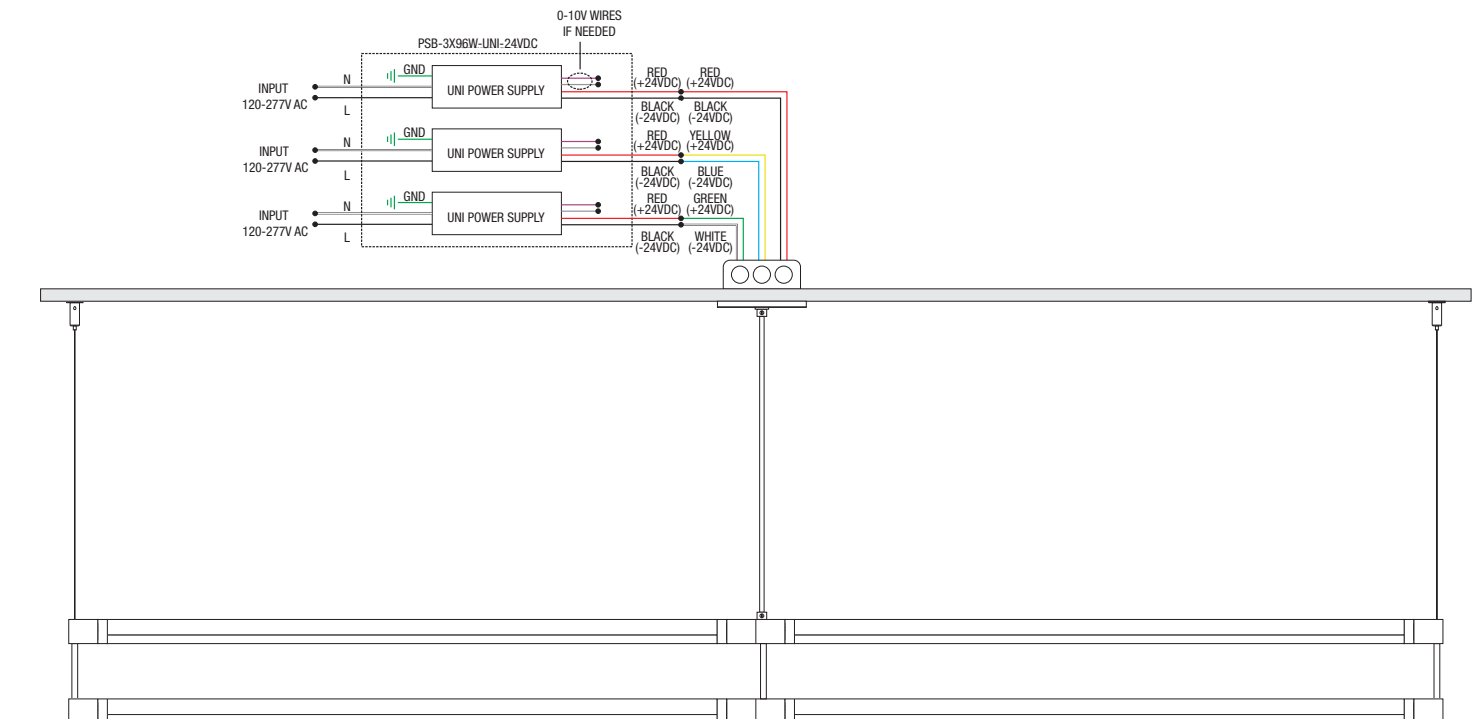
TRI-PIPELINE 1 ROTATABLE SUSPENSION

24VDC REMOTE POWER

Application: 0-10V dimming for Tri-Pipeline 1 Suspension Up/Down with Remote Power, Center Feed
Remote Power Supplies: Class 2: 24VDC output; 120/277VAC input. PSB-3X96W-UNI-24VDC



Application: 0-10V dimming for Tri-Pipeline 1 Suspension Up/Down with Remote Power, Center Feed
Remote Power Supplies: Class 2: 24VDC output; 120/277VAC input. PSB-3X96W-UNI-24VDC

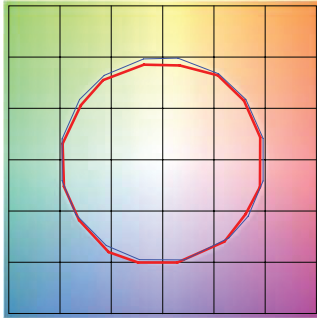


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TM-30-15 DATA: The data below is for SS2C, SS5C, SS7C, and SS10C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

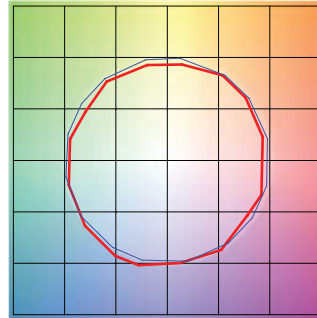


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

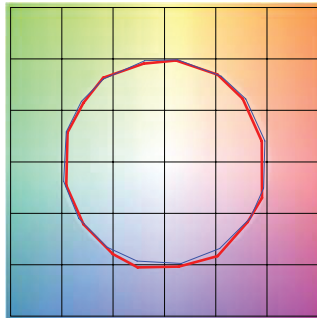


■ Test ■ Reference

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

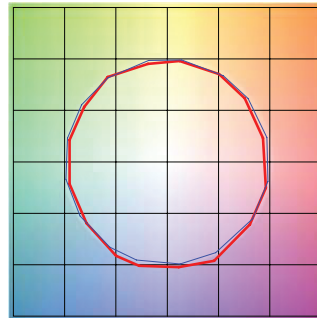


■ Test ■ Reference

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

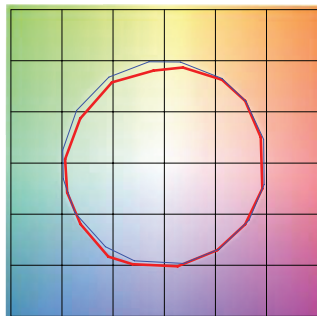


■ Test ■ Reference

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

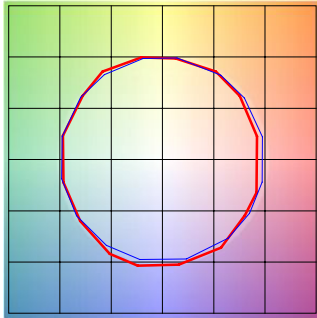
HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%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

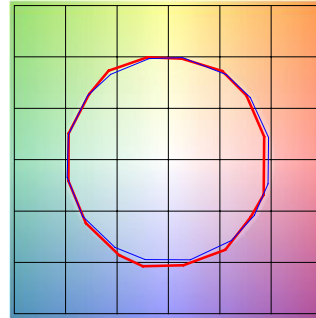


■ Test ■ Reference

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%

PROJECT		FIXTURE TYPE		DATE	
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