

# SOLINA 360 SUSPENSION HORIZONTAL

24VDC REMOTE POWER, END FEED, TUNABLE WHITE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 03.26.26



## DESCRIPTION

Solina 360 24VDC Remote End Feed Suspension is a 24VDC LED linear suspension which delivers clean, uninterrupted uniform illumination—ideal for modern architectural applications. Choose from two signature 360° lens styles: with a Diffused Lens in a clear rigid tube which offers a smooth, continuous glow with a modern aesthetic, and the Cora Weave lens with a clear rigid tube which introduces a tactile element, showcasing a woven textile sleeve within a transparent housing. Both options provide seamless, 360° illumination and are available in 1' increments from 3' to 40' and two wattage options. Using the latest in LED Technology Tunable White 2000K-4000K (**2K4K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). 2K4K 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. Fixture includes a 5 year pro-rated warranty. For custom finishes, designs, quotes and layout assistance, send drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

Wattages for this fixture are available in the following options:

- 5W - 5 watts per foot, lengths up to 40'
- 7W - 7 watts per foot, lengths up to 26'

## 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 the 2.8" or 4.6" Round Canopy, or the Vanishing Point options (**VR**, **VM**, **2VR**)
- Includes adjustable 12' coaxial cables (additional aircraft cables included for center support when fixture exceeds 4')

## LENSES

- 1.2" Diameter Diffused Rigid Lens or Cora Weave Rigid Lens
- 360° Beam Spread Lens

## LAMPING

- Tunable White: 2000K-4000K (**2K4K**) or 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- 50,000 Hour Lamp Life

## LUMEN PERFORMANCE

- Diffused Lens: 658 lm/ft 7W @2K4K
- Cora Weave Lens: 578 lm/ft 7W@2K4K

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

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro [Power Supplies](#) & [Smart Controls](#)
- [0-10V](#) Requires two dimmers, one for intensity and one for color temperature
- [DMX & Controls](#)
- [2-in-1 Power Driver and Dimmer](#)

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

## APPLICATIONS

Designed for indoor use only. Ideal applications include residential, commercial, retail, and hospitality environments.

## APPROVALS

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

System	Type	Wattage Per Foot	Canopy	Nominal Lengths In Feet	Color Temperature	Finish
<b>SSHR</b>	<b>1CT</b>	<b>5W</b>	<b>2R</b>	<b>8</b>	<b>2K6K</b>	<b>SN</b>
<b>SSHR</b> Solina 360 Horizontal Suspension, Remote Power	<b>1CT</b> Cora Weave Tube 1.2" <b>1DT</b> Diffused Rigid Tube 1.2"	<b>5W</b> 5 Watt <b>7W</b> 7 Watt	<b>2R</b> 2.8" Round Canopy on both ends <b>4R</b> 4.6" Round Canopy on both ends <b>VR</b> Vanishing Point Plaster-in System (no visible canopy) <b>VM</b> Vanishing Point with Millwork Canopy <b>2VR</b> Vanishing Point Plaster-in System on Both Ends (no visible canopy)	<b>3-40</b> Order in 1' increments 5W max length - 20' with one power supply, 40ft with power feed on both ends. 7W max length - 13' with one 96W power supply feed at one end up to 26ft with two power supply feeds, one at each end	<b>2K4K</b> Tunable White 2000K-4000K <b>27K6</b> Tunable White 2700K-6500K <small>*5W only</small>	<b>BK</b> Black <b>BZ</b> Antique Bronze <b>PN</b> Polished Nickel <b>SN</b> Satin Nickel <b>SB</b> Satin Brass <b>MW</b> Matte White RAL 9003 <b>XX</b> Custom

\*RAL/\_\_\_ Specify RAL powder coat code (EX: #RAL/9007)  
Additional finishes are available with an extended lead time. Custom quote is required prior to ordering.  
<sup>1</sup>4R Only

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## LAMP DATA

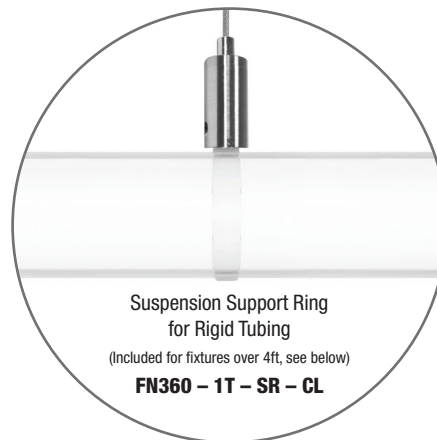
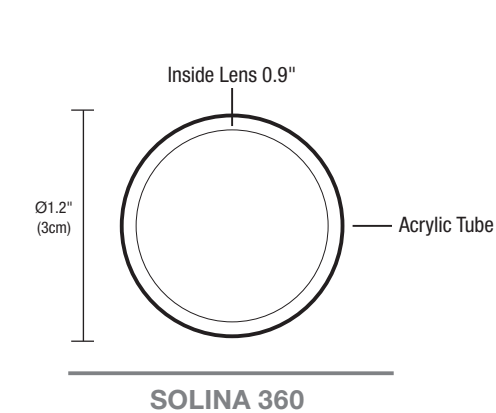
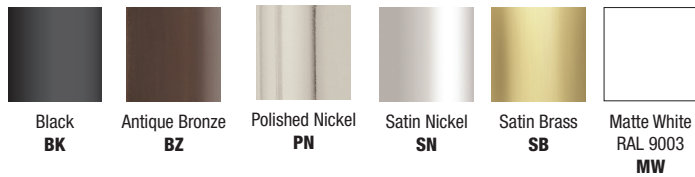
DESCRIPTION	1CT CORA WEAVE TUBING - 2K4K TUNABLE WHITE													
WATTS PER FOOT	5 Watts							7 Watts						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	258	334	334	337	351	403	393	415	549	549	554	578	663	629
LUMENS PER WATT (lm/w)	55	69	67	66	67	77	76	59	76	74	73	74	86	82
CRI	93	93	93	96	96	93	93	93	93	93	96	96	93	93

DESCRIPTION	1CT CORA WEAVE TUBING - 27K6 TUNABLE WHITE							
WATTS PER FOOT	5 Watts							
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	214	254	261	268	293	315	300	
LUMENS PER WATT (lm/w)	54	51	52	54	59	63	75	
CRI	94+	93+	92+	92+	92+	92+	91+	

DESCRIPTION	1DT DIFFUSED TUBING - 2K4K TUNABLE WHITE													
WATTS PER FOOT	5 Watts							7 Watts						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	294	380	380	384	400	459	448	473	625	625	632	658	755	717
LUMENS PER WATT (lm/w)	62	78	76	75	76	88	86	67	87	85	83	85	98	94
CRI	93	93	93	96	96	93	93	93	93	93	96	96	93	93

DESCRIPTION	1DT DIFFUSED TUBING - 27K6 TUNABLE WHITE							
WATTS PER FOOT	5 Watts							
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	244	290	298	306	334	359	342	
LUMENS PER WATT (lm/w)	49	46	48	49	53	58	68	
CRI	94+	93+	92+	92+	92+	92+	91+	

## FINISHES



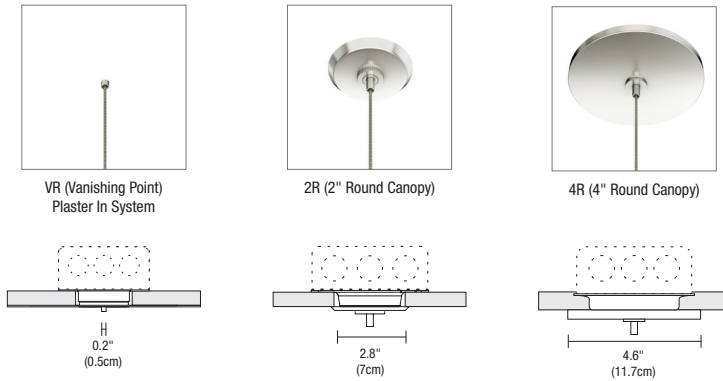
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**COMPONENTS** Swag Bar & Hook, Swag Hook, & T-Bar are compatible with all Power Canopy options & may be required based on lighting design & application

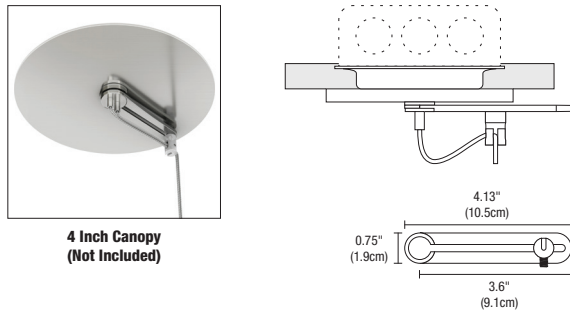
### REMOTE POWER CANOPIES (INCLUDED)

The VR Vanishing Point in a plaster in system with no visible canopy. The 2R canopy is a 2.8" round canopy that comes with a plaster ring that fits on a standard 4" square junction box. The 4.6" Round Canopy fits on a standard 4" Electrical Box with Round Plaster Ring.



### CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

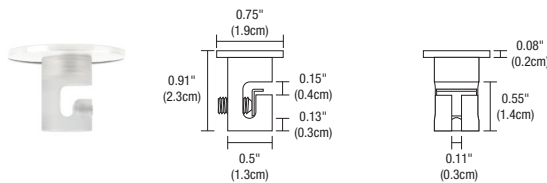
Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel suspension when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible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



Product	Type	Finish
<b>CS</b>	<b>ADJ-DP-SWAG</b>	<b>SN</b>
CS Channel Suspension	ADJ-SWAG Adjustable Swag Hook for Static White	SN Satin Nickel

### CHANNEL SUSPENSION SWAG HOOK

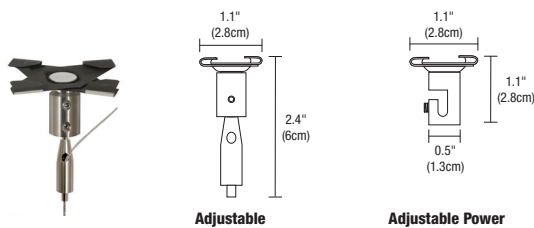
The clear plastic Swag Hook extends a cable from a ceiling or an electrical box that is not located directly above desired fixture location.



System	Type
<b>CS</b>	<b>SWAG</b>
CS Channel Suspension	SWAG Swag Hook

### CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP

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



Product	Type	Options	Finish
<b>CS</b>	<b>TBAR</b>	<b>A</b>	<b>W</b>
CS Channel Suspension	TBAR 9/16" and 15/16"	A Adjustable AP Adjustable Power	W White BK Satin Black

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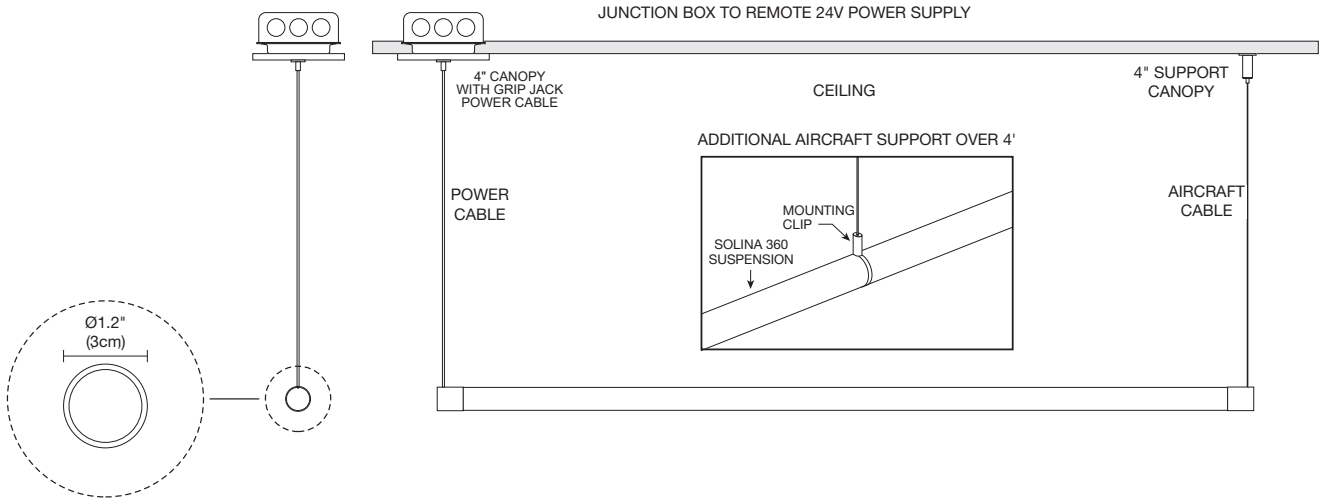
REV 03.26.26

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

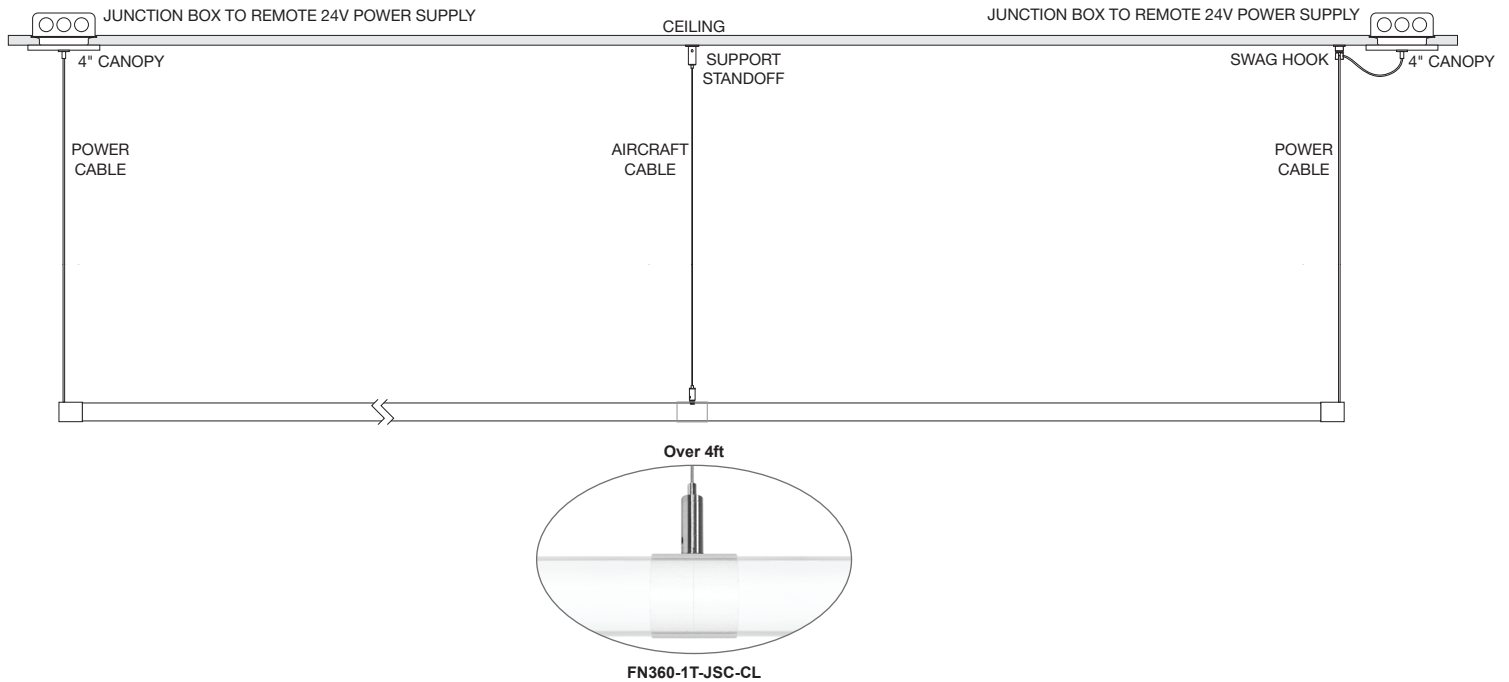
**Application:** 0-10V dimming for Solina 360 with Remote Power—End Feed

**Remote Power Supplies:** Class 2: 24VDC output; 120VAC input.

## 4R with 4" Round Canopies



## 4R with two 4" Round Powered Canopies

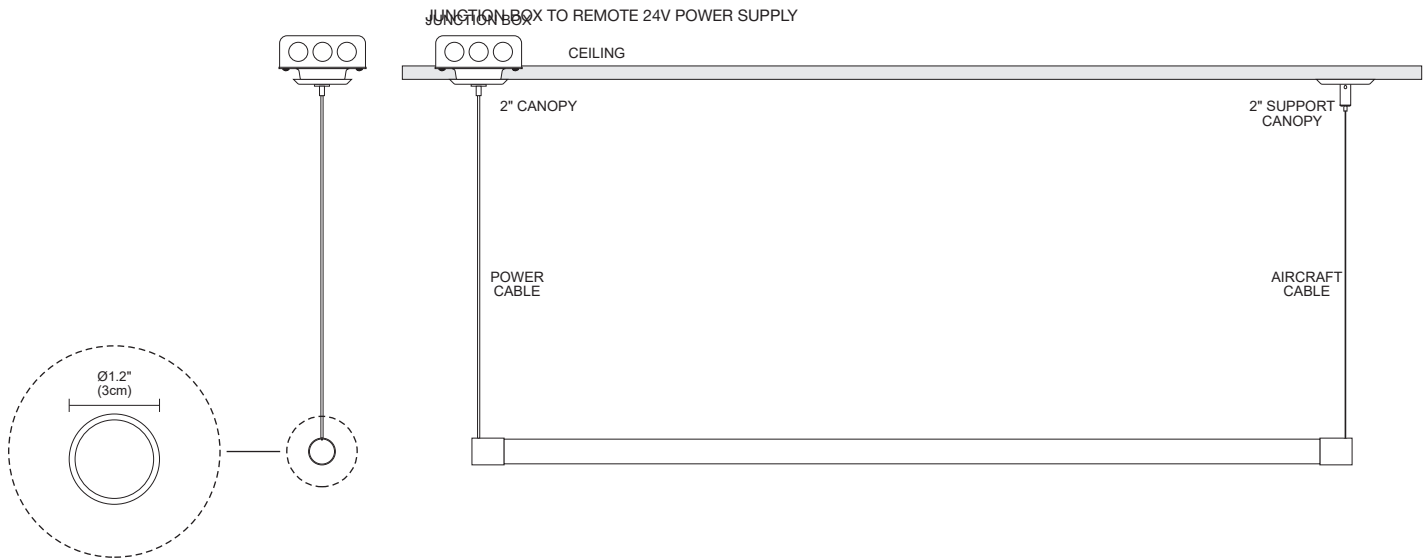


# SOLINA 360 SUSPENSION HORIZONTAL

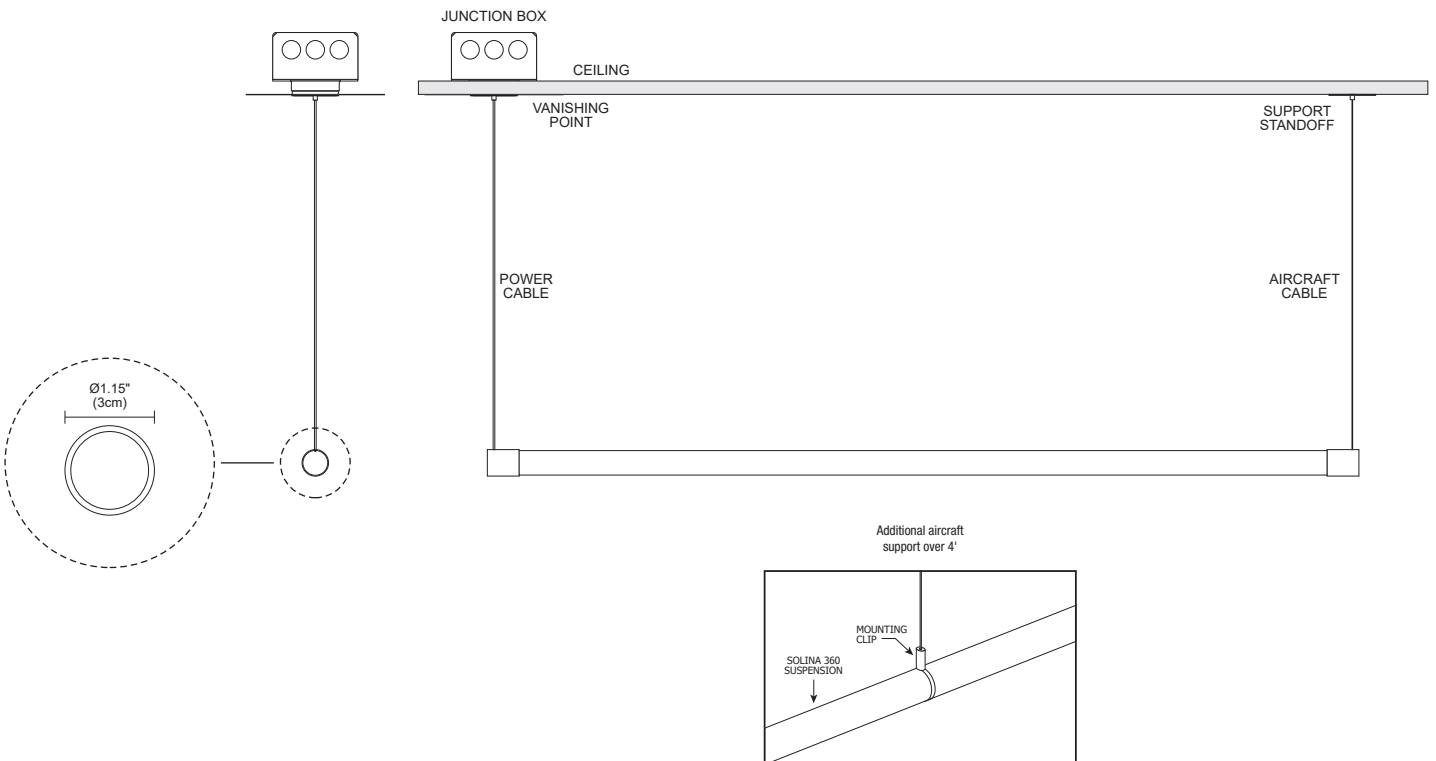
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REV 03.26.26

## 2R with two 2" Round Canopies



## 2VR with Vanishing Point



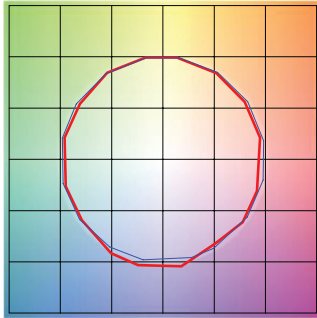
# SUSPENSION TM30 DATA

## 24VDC REMOTE POWER, END FEED, TUNABLE WHITE

**TM-30-15 DATA:** The data below is for Tunable White bare LED Strip. 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: 90.6 | Rg: 98.5

Color Vector Graphic

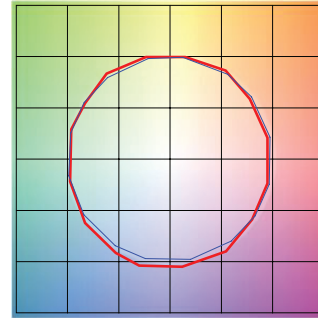


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	87.7	-5.5%	1.2%
2	88.7	-3.9%	4.2%
3	90.5	-1.5%	4.3%
4	95.0	-1.7%	0.8%
5	95.2	-0.2%	2.1%
6	94.2	1.6%	1.9%
7	95.9	-0.8%	-2.2%
8	95.5	-1.7%	1.3%
9	93.8	-1.4	2.6%
10	91.9	-0.7%	4.2%
11	91.3	3.6%	3.7%
12	91.2	4.2%	-1.0%
13	86.6	3.8%	-12.7%
14	67.2	-3.0%	-16.3%
15	84.9	-3.3%	-9.4%
16	84.2	-5.7%	-7.5%

### 3000K (2K6K/27K6) | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

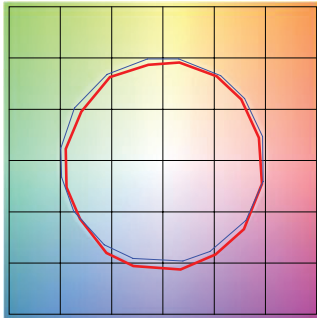


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.5	-3.5%	1.2%
2	92.4	-1.8%	2.7%
3	89.8	0.3%	4.5%
4	92.4	-1.7%	0.4%
5	93.3	-0.1%	1.4%
6	94.5	2.1%	-0.6%
7	91.0	-2.5%	0.3%
8	96.9	-0.8%	-0.2%
9	91.6	-0.9%	4.6%
10	86.7	0.7%	7.8%
11	86.3	3.8%	8.5%
12	88.3	6.1%	0.6%
13	90.9	3.1%	-5.2%
14	87.3	4.7%	-7.9%
15	92.1	-1.9%	-2.5%
16	84.5	-0.9%	-10.9%

### 4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.5	-5.5%	1.3%
2	90.4	-3.0%	2.3%
3	89.8	-2.1%	3.6%
4	89.1	-3.4%	0.4%
5	88.5	-5.9%	0.1%
6	93.6	-3.0%	-0.4%
7	88.9	-6.2%	1.7%
8	87.3	-5.0%	4.9%
9	82.4	-3.6%	11.3%
10	77.4	-1.8%	12.7%
11	79.8	4.9%	11.4%
12	88.7	4.4%	2.7%
13	88.7	4.0%	-5.1%
14	91.2	2.2%	-3.8%
15	82.7	-0.1%	-9.2%
16	82.8	-2.2%	-7.6%