



# SOLINA VERTEX SUSPENSION

24VDC, REMOTE POWER, STATIC WHITE & WARM DIM



PROJECT  
FIXTURE TYPE  
DATE

ASSEMBLED IN AMERICA | PATENT PENDING

REV 01.26.26



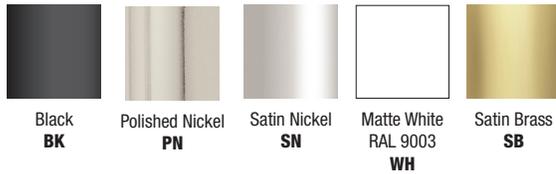
## DESCRIPTION

The Solina Vertex from PureEdge Lighting brings together form, function, and style. The Solina Vertex Suspension with Remote Power allows you to become the lighting designer. Create visually impressive and unique installations by grouping multiple Solina channels with compositions from 2 to 7 fixtures. The innovative flexibility of the Solina Vertex means you can easily adapt the fixture's arrangement to any space in the field or make adjustments in the future if furniture or space orientations are changed. Each fixture creates a clean, uninterrupted beam of light through a 360° Lens. Highly customizable, the Solina Vertex is available in multiple color temperatures, including 3000K (30D) that dim down to 1800K. Available in 5 or 7 watts with outputs up to 158 lumens per watt (1103 lumens/foot) at 30K with 7W using our Designer-grade High CRI (color rendering) high output LED strip. Remote Power Supplies are sold separately. Fixture includes a 5 year pro-rated warranty. For custom finishes, designs, quotes and layout assistance, email our design team [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

Wattages for this fixture are available in the following options:

- 5W - 5 watts per foot
- 7W - 7 watts per foot

## CHANNEL & CANOPY FINISHES



## LAMPING

- Choose from multiple color temperatures including Static White (2400K-4000K) and Warm Dim - 3000K to 1800K (30D)
- 60,000 Hour Lamp Life

## FEATURES & BENEFITS

- 360° lens offered in the smooth Diffused Lens or the distinct Cora Weave Lens
- Includes Canopy of your choice: Round 2.8", 4.6", VR (Vanishing Point with no visible canopy), or VM (Vanishing Point Millwork)
- Each channel includes two 12' adjustable coaxial cables and one power jumper cable

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

24VDC, Class 2 wiring

### Static White

- Pure Smart™ WiZ Pro [Power Supplies](#) & [Smart Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)  
ELV & TRIAC [Smart Dimmer & Switch](#)

### Warm Dim

- [DALI/DALI-2](#)

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

## MAKE IT SMART

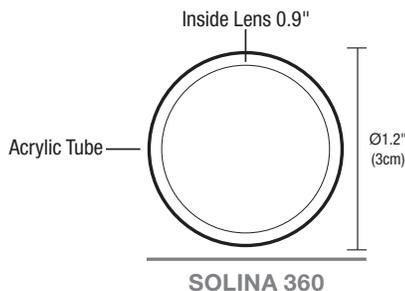
- [Pure Smart™ WiZ Pro Controls](#)

## APPLICATIONS

Designed for indoor use only. Ideal applications in commercial, retail, residential, hospitality, education, and healthcare institutions.

## APPROVALS

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



Solina 360 Cora Weave Lens

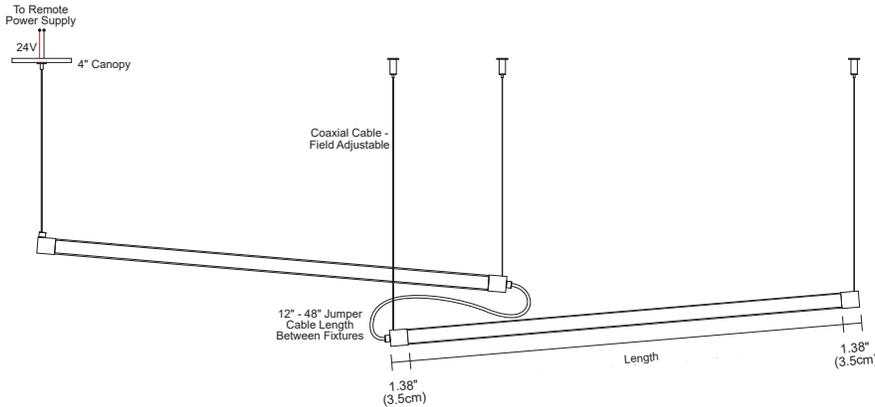


Solina 360 Diffused Lens

# SOLINA VERTEX SUSPENSION

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System	Type	Cable Leads Between Fixtures	Wattage Per Foot	Canopy	Nominal Length in Feet	Color Temperature	Finish
<b>SSV2R</b>	<b>C</b>	<b>2</b>	<b>5W</b>	<b>4R</b>	<b>5</b>	<b>35K</b>	<b>SN</b>
<b>SSV2R</b> Solina Vertex Suspension, Remote Power, 2 Part <b>SSV3R</b> Solina Vertex Suspension, Remote Power, 3 Part @ 7W-48" max <b>SSV4R</b> Solina Vertex Suspension, Remote Power, 4 Part @ 5W-48", 7W-36" max <b>SSV5R</b> Solina Vertex Suspension, Remote Power, 5 Part @ 5W-48", 7W-24" max <b>SSV6R</b> Solina Vertex Suspension, Remote Power, 6 Part @ 5W-36", 7W-24" max <b>SSV7R</b> Solina Vertex Suspension, Remote Power, 7 Part @ 5W-24" max	<b>C</b> Cora Weave Tube 1.2" <b>D</b> Diffused Rigid Tube 1.2"	<b>1</b> 1ft <b>2</b> 2ft <b>3</b> 3ft <b>4</b> 4ft	<b>5W</b> 5 Watt <b>7W</b> 7 Watt	<b>2R</b> 2.8 Inch Round Canopy <b>4R</b> 4.6 Inch Round Canopy <b>VR</b> Vanishing Point Plaster-In System (no visible canopy) <b>VM</b> Vanishing Point with Millwork Canopy	<b>1-5</b> Order in 1' increments	<b>27K</b> 2700K Incandescent White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black <b>PN</b> Polished Nickel <b>SN</b> Satin Nickel <b>MW</b> Matte White RAL 9003 <b>SB</b> Satin Brass



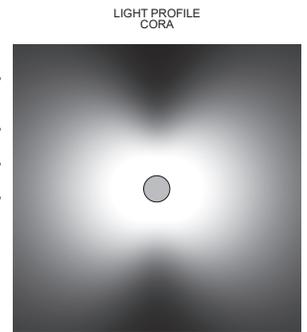
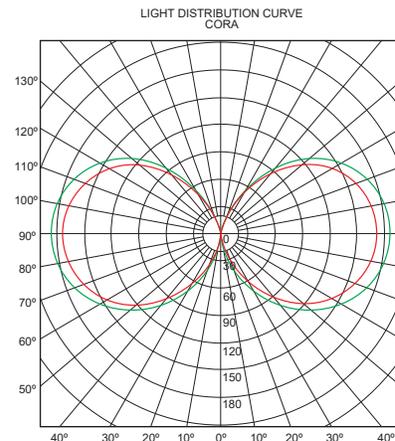
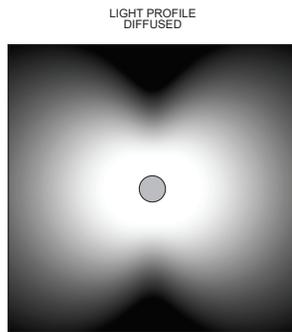
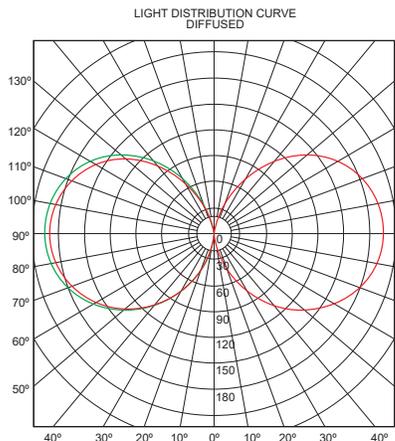
**SSV2R**

**Lamp Data:** Lamp Data for Solina Vertex

SOLINA 360										
360° DIFFUSED D										
DESCRIPTION										
WATTS FOOT	5W					7W				
COLOR TEMPERATURE	27K	30K	30D	35K	40K	27K	30K	30D	35K	40K
LUMENS PER FOOT (lm/ft)	732	754	405	775	743	1054	1103	572	1114	1074
LUMENS PER WATT (lm/w)	131	135	71	138	133	151	158	69	159	153
CRI	95+	94+	95+	93+	93+	96+	94+	94+	93+	95+

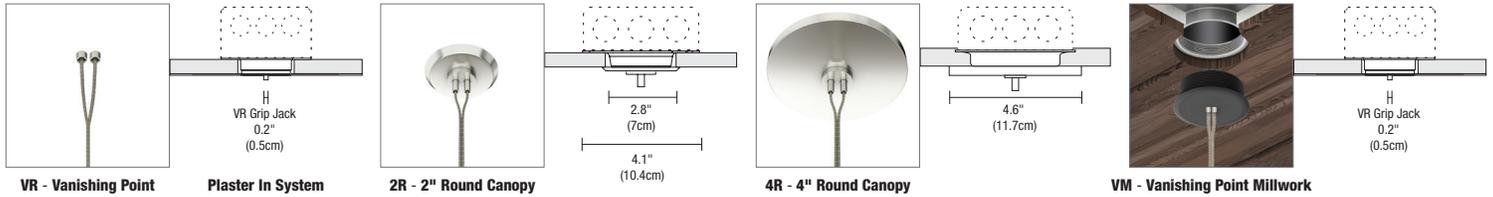
  

360° DIFFUSED C										
DESCRIPTION										
WATTS FOOT	5W					7W				
COLOR TEMPERATURE	27K	30K	30D	35K	40K	27K	30K	30D	35K	40K
LUMENS PER FOOT (lm/ft)	642	661	355	680	652	937	967	502	991	956
LUMENS PER WATT (lm/w)	115	118	63	121	116	134	138	60	142	137
CRI	95+	94+	95+	93+	93+	96+	94+	94+	93+	95+



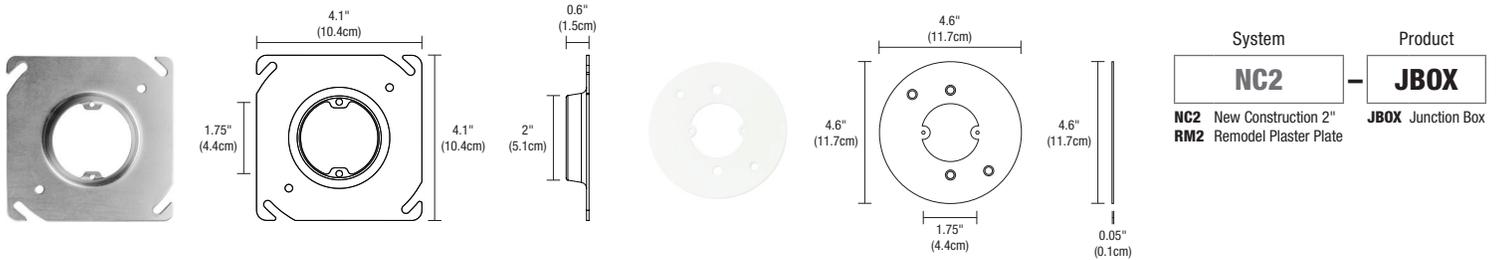
## REMOTE POWER CANOPIES

The 2" Round and Square Canopy includes a NC2-JBOX junction box cover. The 4" canopies mount to a standard 4" junction box. Vanishing point is the only truly trimless and flush design available on the market with cables that disappear into the ceiling. Refer to the [Vanishing Point specification](#) for details and requirements including millwork options.

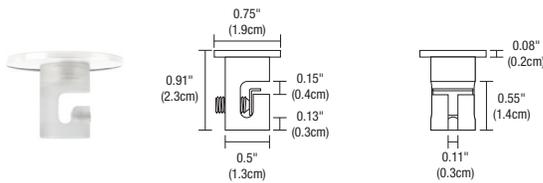


## NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

The New Construction NC2-JBOX cover is included with the 2" Round and Square canopies and is not required for the 4" square canopies. The NC2 cover mounts to a standard 4" junction or octagon box accommodating the 2" Plaster Ring for use with the 2R and 2S canopies. The Remodel RM2-JBOX plaster plate cover must be used with the supplied PureEdge junction box.

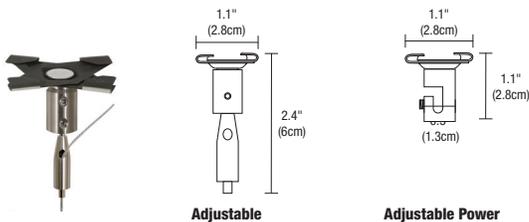
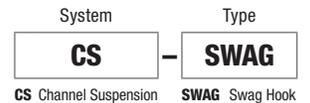


## ACCESSORIES Additional components may be required based on lighting design and application.



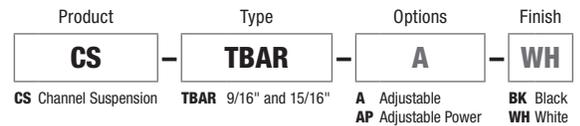
## CHANNEL SUSPENSION SWAG HOOK

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. Adjustable is offered in Satin Nickel, Clear plastic for Adjustable Power.

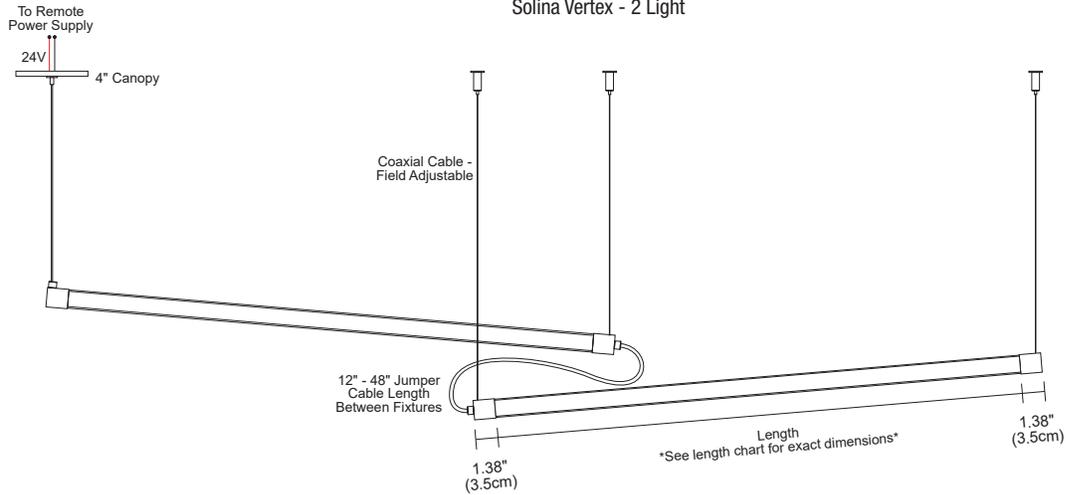


# SOLINA VERTEX SUSPENSION

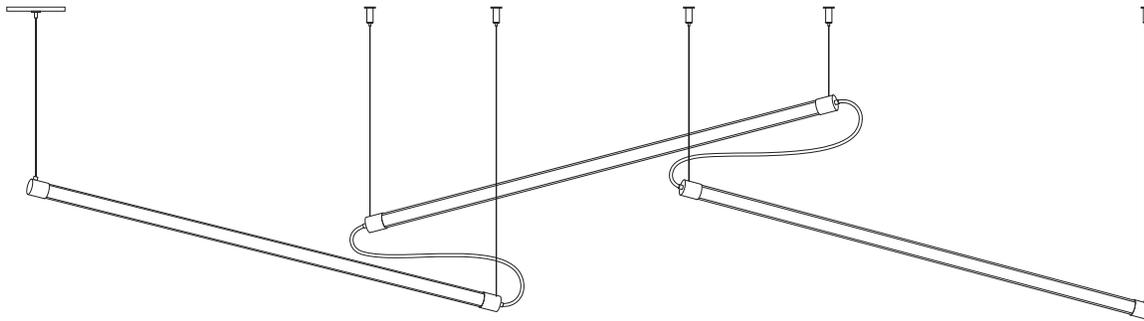
24VDC, REMOTE POWER, STATIC WHITE & WARM DIM

**Drawings:** Solina Vertex Suspension Downlight with Remote Power

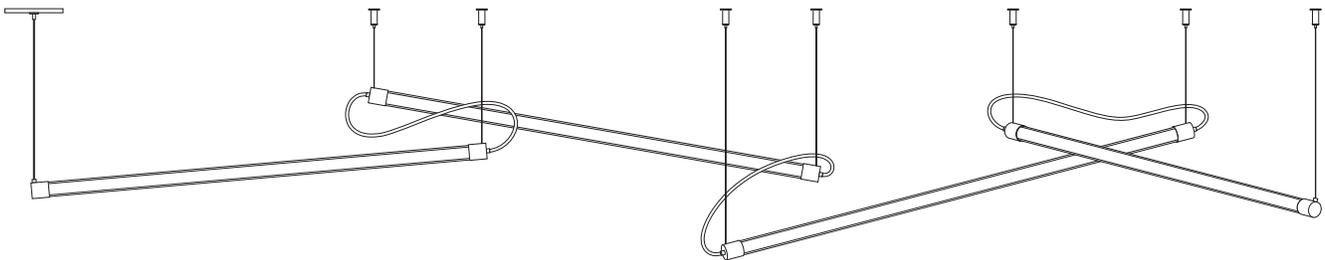
Solina Vertex - 2 Light



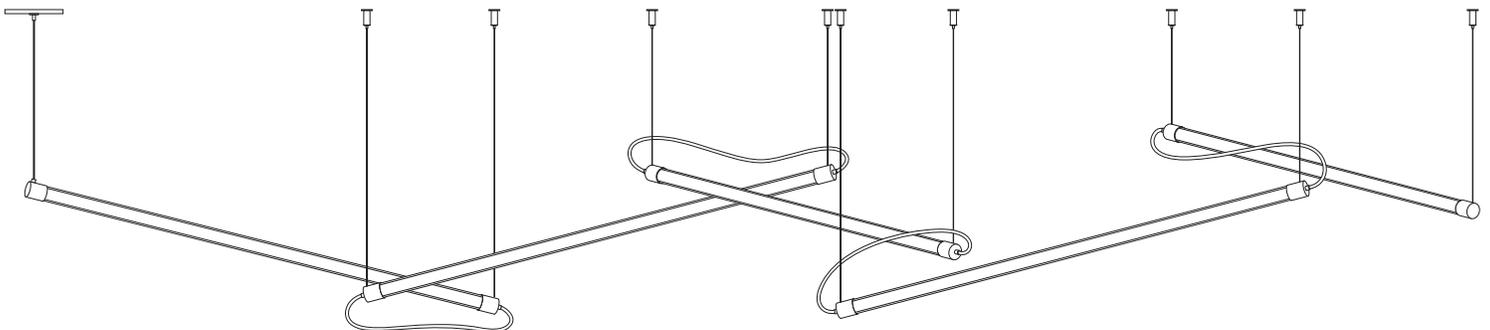
Solina Vertex - 3 Light  
 5W length up to 72", 7W up to 48"



Solina Vertex - 4 Light  
 5W length up to 60", 7W up to 36"



Solina Vertex - 5 Light  
 5W length up to 48", 7W up to 31"



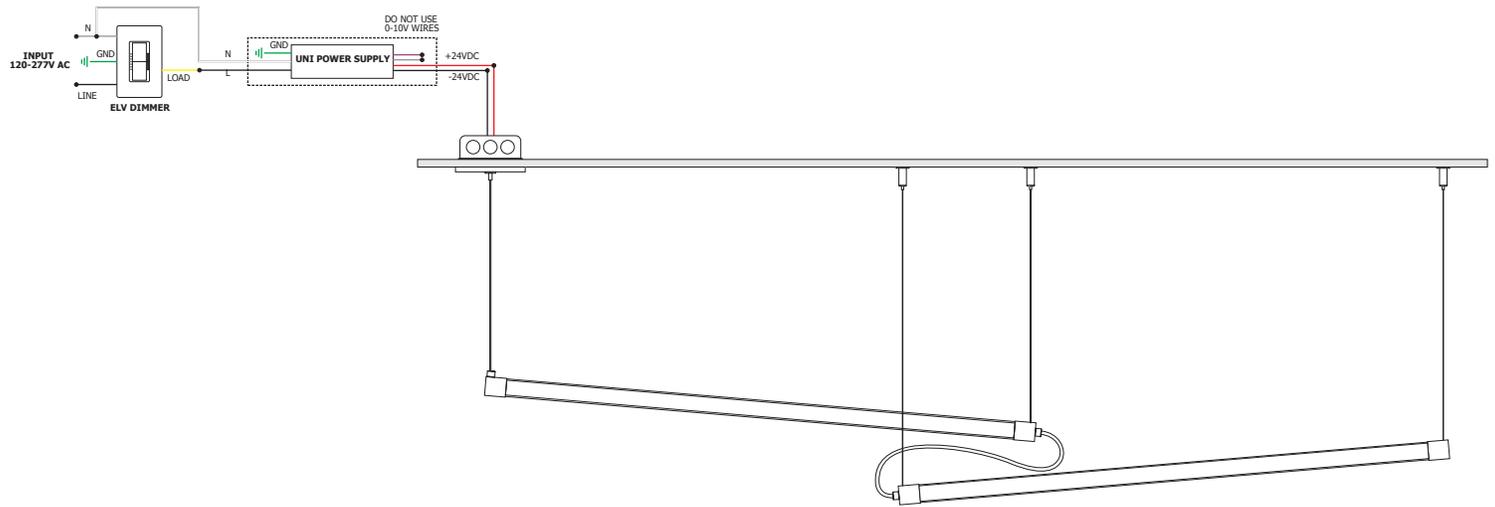
# SOLINA VERTEX SUSPENSION

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## Wiring Diagram: Wiring diagram for an ELV Dimmer

**Application:** ELV dimming for Solina Suspension Downlight with Remote Power - End Feed

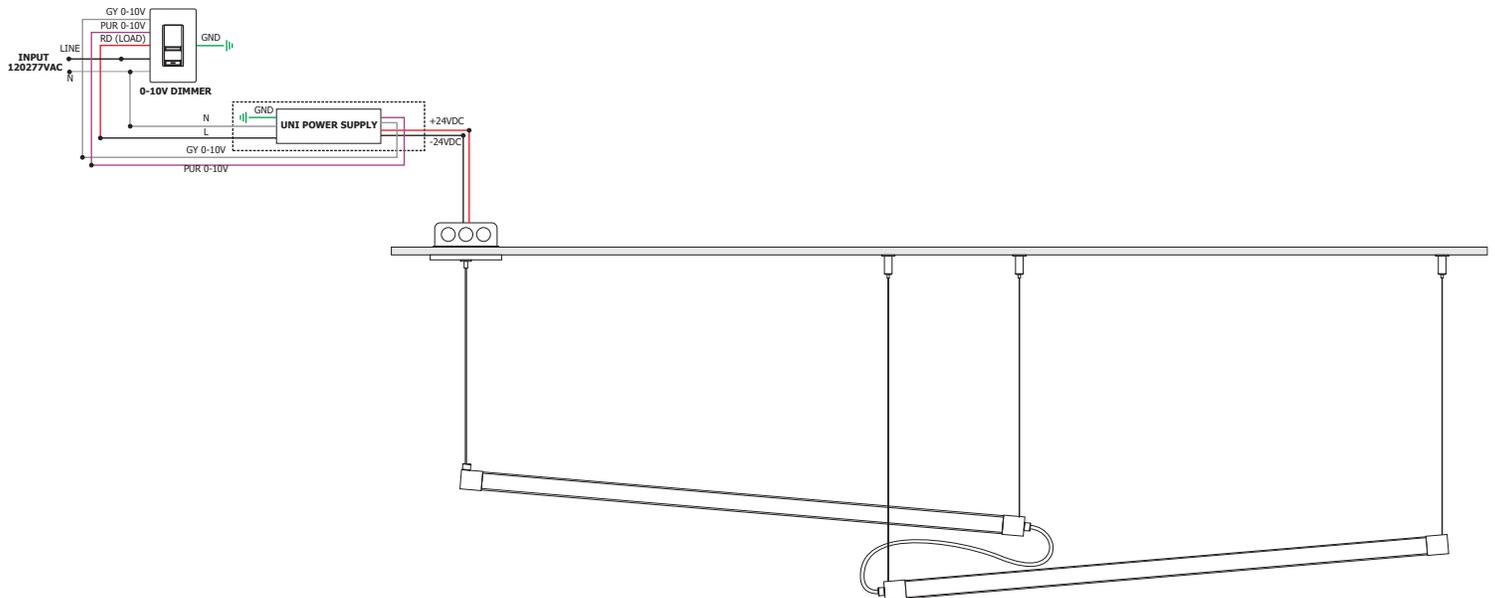
**Dimming:** Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU;  
Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



## Wiring Diagram: Wiring diagram for a 0-10 Dimmer

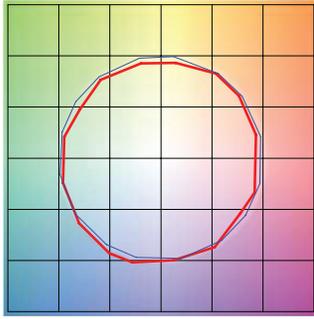
**Application:** 0-10 dimming for Solina Suspension Downlight with Remote Power - End Feed

**Dimming:** Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTV-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX; Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ; Legrand: ADPD4FBL3P2W4



**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.

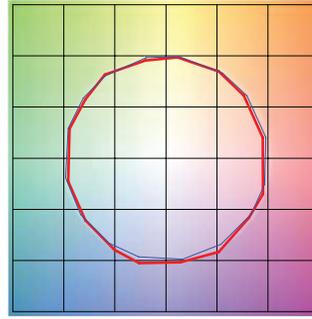
**2700K** | Rf: 87.7 | Rg: 96.1  
Color Vector Graphic



■ 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%

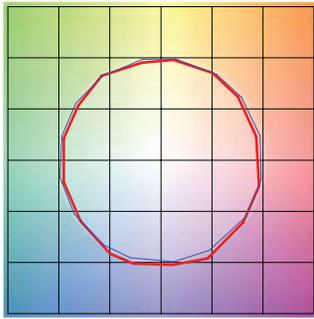
**3000K** | Rf: 88.1 | Rg: 99.7  
Color Vector Graphic



■ 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%

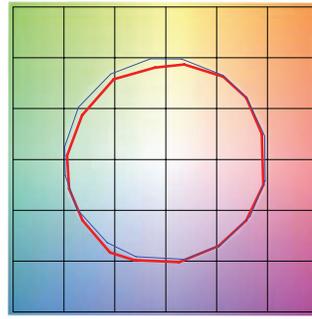
**3500K** | Rf: 86.1 | Rg: 95.5  
Color Vector Graphic



■ 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%

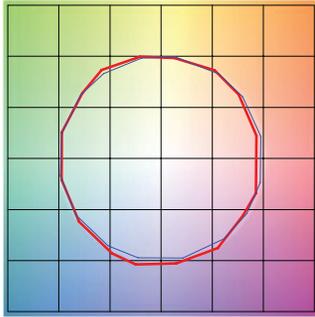
# TM30 DATA

24VDC, REMOTE POWER, STATIC WHITE & WARM DIM

**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.

**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%