

PIPELINE 360 SUSPENSION

24VDC REMOTE POWER, END FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 05.02.25



DESCRIPTION

Pipeline 360 24VDC Remote End Feed Suspension is a 24VDC LED linear suspension delivers clean, uninterrupted uniform illumination—ideal for modern architectural applications. Choose from two signature 360° lens styles: the Diffused Rigid Tube offers a smooth, continuous glow with a modern aesthetic, while the Cora Weave Rigid Tube introduces a tactile element, showcasing a woven textile sleeve within a transparent housing. Both options provide seamless, omni-directional illumination and are available in standard incremental lengths from 12" to 240" (20') and two wattage options. Offered in multiple Color Temperatures, including Warm Dim (27D) 2700K or (30D) 3000K that dim down to 2000K. Available in Lumen outputs up to 96 lumens per watt (856 lumens/foot) using our Designer-grade high CRI (color rendering) LED strip. Fixture includes a 5 year pro-rated warranty. For custom finishes, designs, quotes and layout assistance, send drawings to design@PureEdgeLighting.com.

Wattages for this fixture are available in the following options:

- 5W - 5 watts per foot, lengths up to 240" (20')
- 10W - 10 watts per foot, lengths up to 120" (10')

INSTALLATION

- Mounts to a Standard Junction Box, pre-wired from either a 120V with a 50 Watt Power Supply that fits in the ceiling Junction Box, or from a Remote Power Supply feeding 24VDC up to 100 Watts at a maximum of 40' away
- Includes Canopy of your choice: 2.8" or 4.6" available in Round and VR (Vanishing Point)
- Includes adjustable 12' coaxial cables (additional aircraft cables included for support when fixture exceeds 72")



P3SDTR 360 Diffused Lens



P3SCTR 360 Cora Weave Lens

LENSES

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

LAMPING

- Multiple Static White color temperatures from 2400K-4000K
- Warm Dim: 2700K-2000K (27D) or 3000K-2000K (30D)
- 50,000 Hour Lamp Life

LUMEN PERFORMANCE

- Diffused Lens: 856 lm/ft 10W@30K
- Cora Weave Lens: 463 lm/ft 10W@30K

REMOTE POWER SUPPLIES* & DIMMERS (SOLD SEPARATELY):

Static White

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

Warm Dim

- [UNI Driver: Universal Dimming \(ELV, TRIAC, 0-10V\)](#)

Make It Smart

- [Pure Smart™ Wi-Fi Dimmer](#)

Static White & Warm Dim

- [DALI/DALI-2](#)
- [Electronic Low Voltage \(ELV\)[†]](#) 50W (fits inside junction box)
- [Lutron](#) Hi-Lume/Ecosystem

[†]In-Wall Mounting Kits available for select power supplies

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

APPLICATIONS

Designed for indoor use only. Ideal applications in 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	Wattage Per Foot	Canopy	Nominal Lengths	Color Temperature	Finish
P3SDTR	5W	2R	96	30K	SN
P3SDTR Pipeline 360 Suspension, Diffused Lens, Remote Power	5W 5 Watt 10W 10 Watt	2R 2.8" Round Canopy 4R 4.6" Round Canopy VR Vanishing Point Plaster-in system (no visible canopy)	12-96 Order in 12" increments from 12" to 240". *Custom lengths are available	24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (10W only) 30K 3000K Warm White 30D 3000K Warm Dim (10W only) 35K 3500K Neutral White 40K 4000K Cool White	BK Satin Black CH Chrome SN Satin Nickel PW Pure White RAL 9016 SB* Satin Brass *Available via Custom Quotation

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Lamp Data: Lamp Data for Pipeline 1 Suspension with Remote Power

DESCRIPTION	P3SDTR											
	360 Diffused Lens						360 Cora Weave Lens					
WATTS PER FOOT	5w						10w (9.6 watts)					
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K
LUMENS PER FOOT (lm/ft)	388	392	409	469	494	718	725	827	755	862	867	914
LUMENS PER WATT (lm/w)	78	78	82	94	99	82	82	86	86	90	98	104
CRI	92+	92+	92+	92+	92+	92+	92+	94+	92+	94+	92+	92+

*27D, 30D - Warm Dim

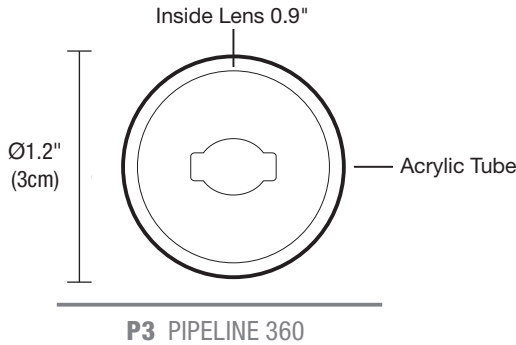
DESCRIPTION	P3SCTR											
	360 Cora Weave Lens						360 Cora Weave Lens					
WATTS PER FOOT	5w						10w (9.6 watts)					
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K
LUMENS PER FOOT (lm/ft)	440	445	463	531	560	813	822	938	856	977	982	1036
LUMENS PER WATT (lm/w)	88	89	93	106	112	92	93	98	97	102	112	118
CRI	92+	92+	92+	92+	92+	92+	92+	94+	92+	94+	92+	92+

*27D, 30D - Warm Dim

FINISHES



*Available via Custom Quotation

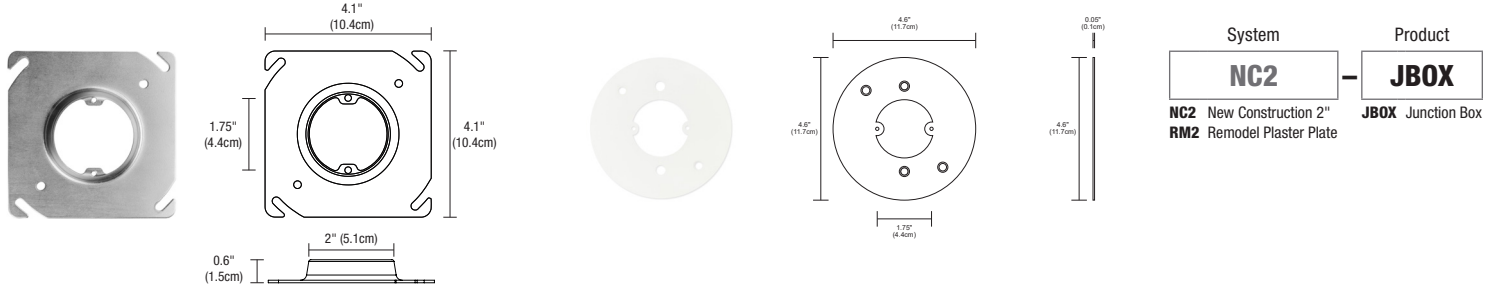


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COMPONENTS Swag Bar & Hook, Swag Hook, & T-Bar are compatible with all Power Canopy options & may be required based on lighting design & application

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

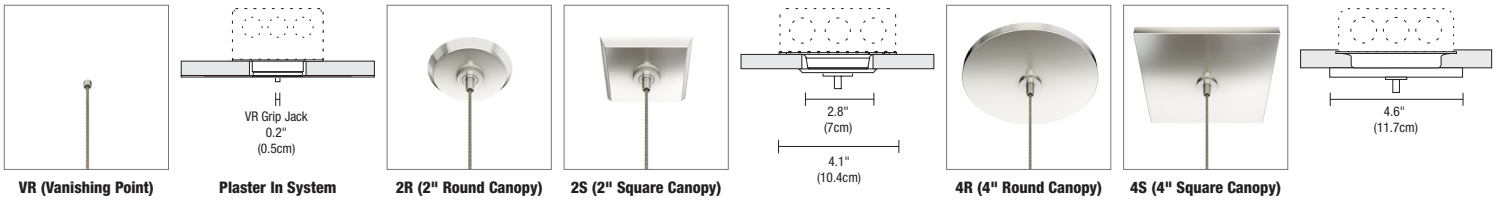
The New Construction NC2-JBOX Cover is included with the 2" Round and Square Canopies and is not required for the 4" Square Canopies. NC2 New Construction Junction Box Cover mounts to a standard 4" Electrical Box or Octagon Box, converting it to a 2" Plaster Ring for use with the 2R (Round) or 2S (Square) 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.



System	Product
NC2	JBOX
NC2 New Construction 2"	JBOX Junction Box
RM2 Remodel Plaster Plate	

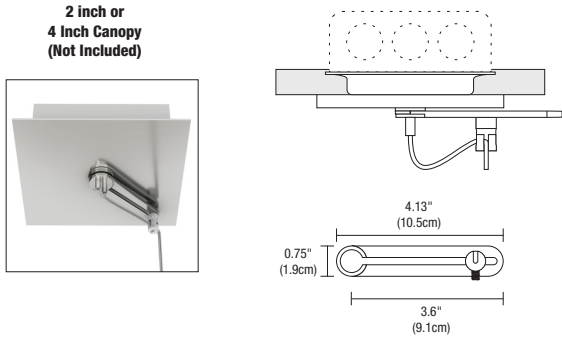
REMOTE POWER CANOPIES (INCLUDED)

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

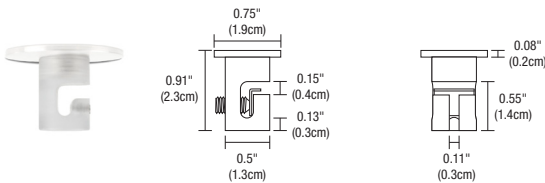
Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the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



Product	Type	Finish
CS	ADJ-DP-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

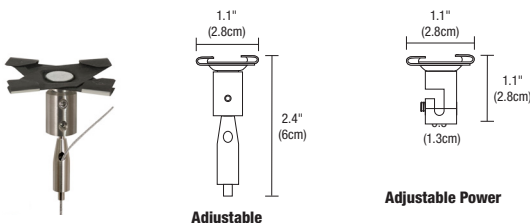
The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.



System	Type
CS	SWAG
CS Channel Suspension	SWAG Swag Hook

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.



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

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PIPELINE 360 SUSPENSION

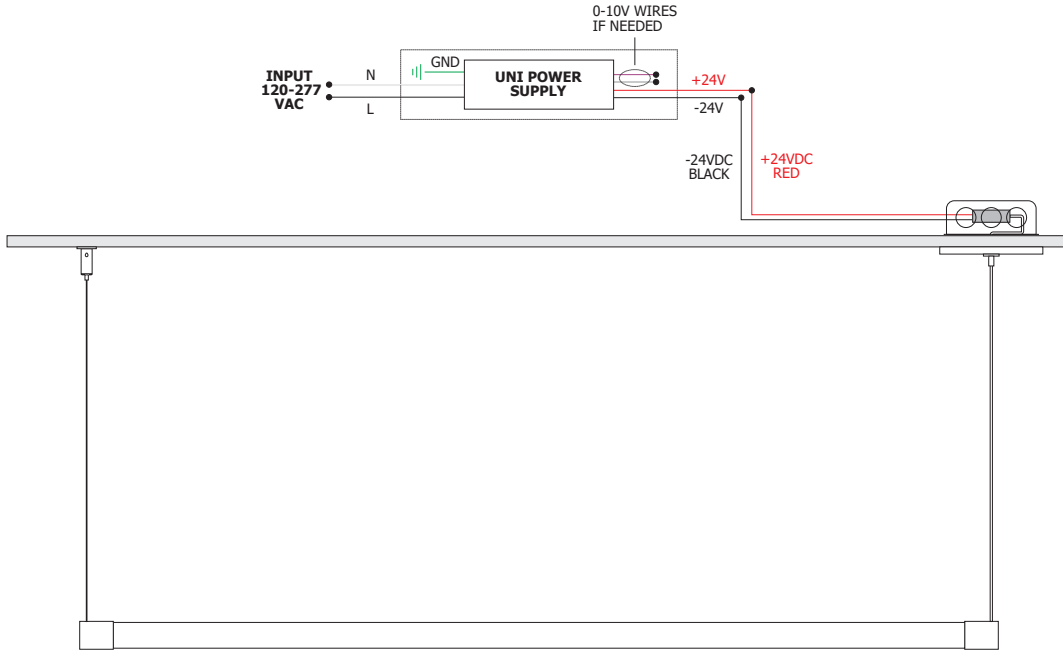
24VDC REMOTE POWER, END FEED

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

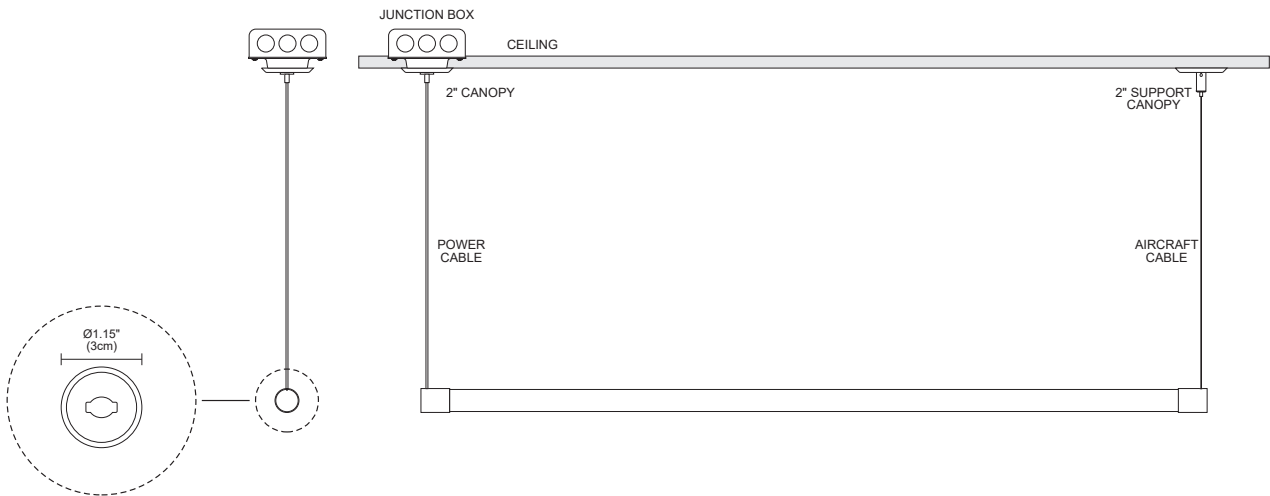
Application: 0-10V dimming for Pipeline 360 with Remote Power—End Feed

Remote Power

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



Drawings: Drawings are shown with 2" round canopy.

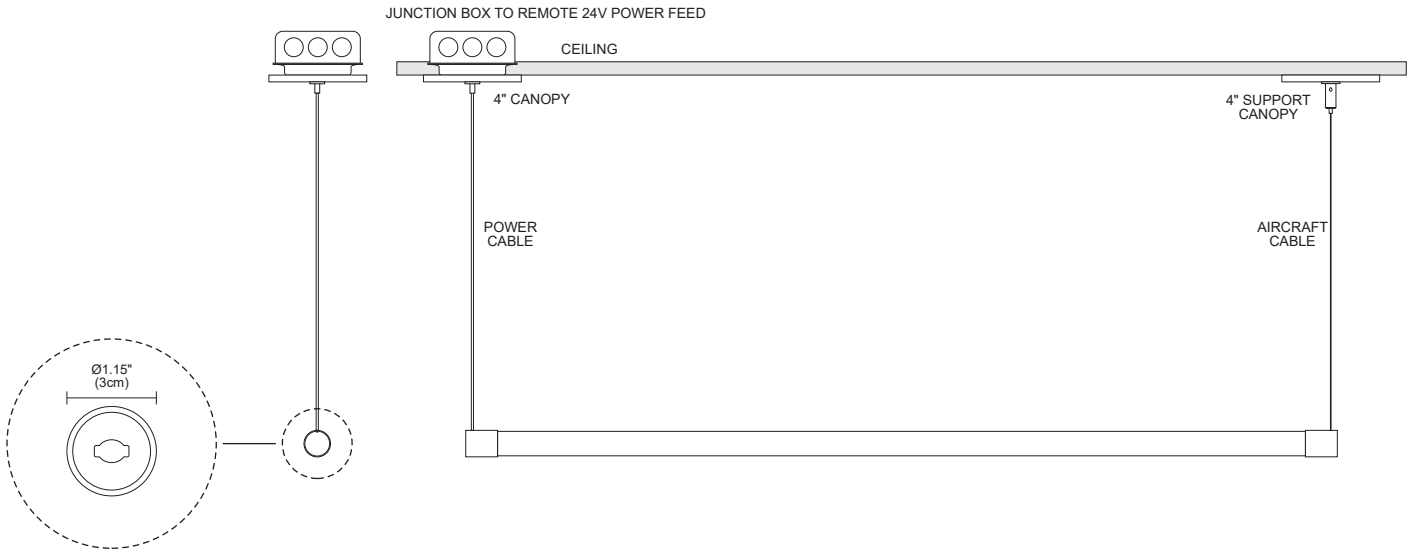


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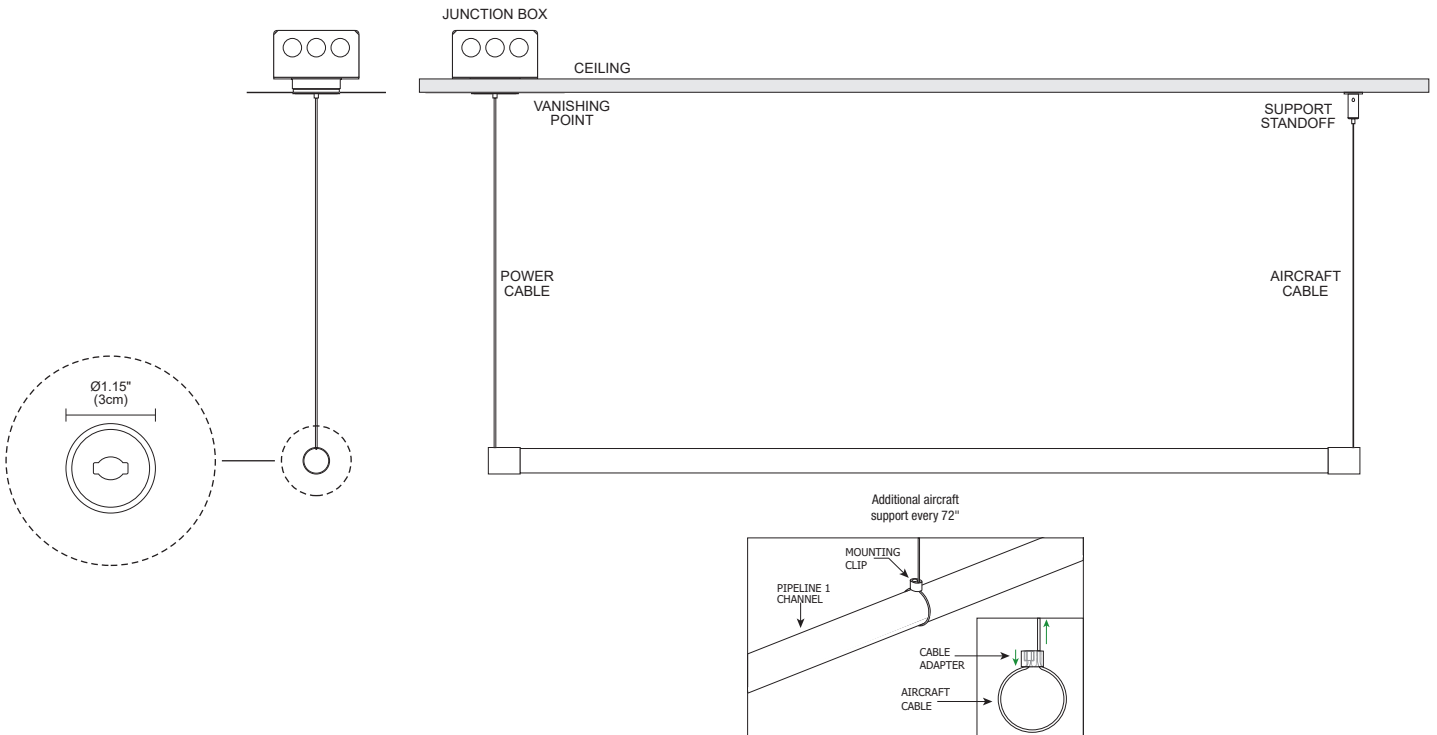
PIPELINE 360 SUSPENSION

24VDC REMOTE POWER, END FEED

Drawings: Drawings are shown with 4" round canopy.



Drawings: Drawings are shown with Vanishing Point.



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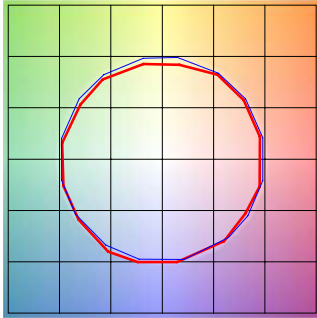
SUSPENSION TM30 DATA

24VDC REMOTE POWER, END FEED

TM-30-15 DATA: The data below is for bare LED Static White 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.

2400K | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

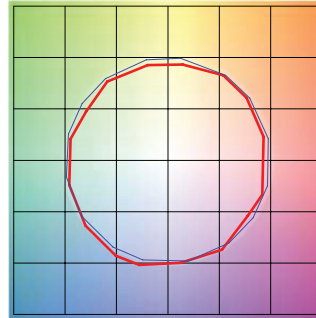


■ Test ■ Reference

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

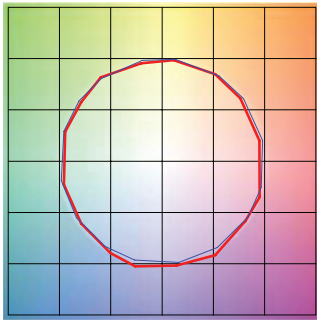


■ Test ■ Reference

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

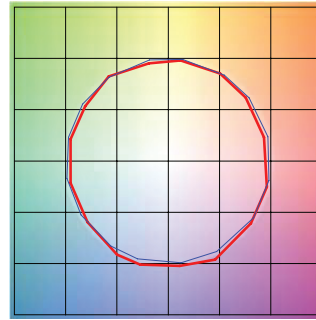


■ Test ■ Reference

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

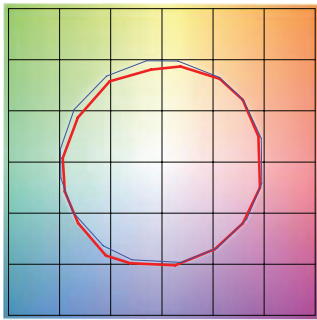


■ Test ■ Reference

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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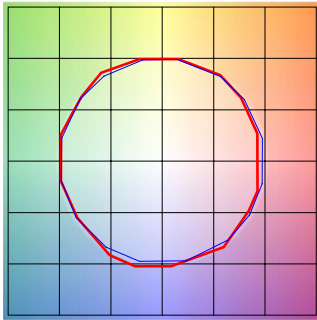
SUSPENSION TM30 DATA

24VDC REMOTE POWER, END FEED

TM-30-15 DATA: The data below is for bare LED Warm Dim 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.

2700D | Rf: 90.7 | Rg: 101.1

Color Vector Graphic

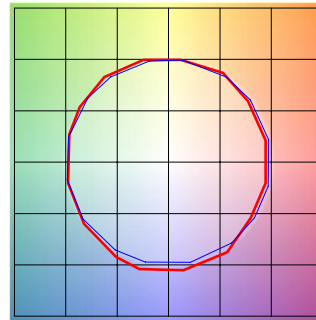


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.9	-4.1%	1.1%
2	91.8	-2.2%	3.2%
3	89.0	0.2%	5.0%
4	92.9	-1.1%	0.8%
5	93.9	1.1%	1.7%
6	93.3	3.3%	0.0%
7	93.1	-0.5%	-1.9%
8	97.2	-0.3%	-0.9%
9	93.4	-1.0%	3.2%
10	89.9	-0.1%	5.6%
11	87.0	4.7%	7.2%
12	89.2	5.8%	-0.2%
13	89.1	3.5%	-6.7%
14	86.3	4.1%	-9.2%
15	91.4	-2.0%	-3.6%
16	84.7	-2.1%	-10.3%

3000D | Rf: 90.6 | Rg: 101.1

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.5	-3.5%	1.3%
2	92.2	-1.8%	3.0%
3	89.3	0.5%	4.8%
4	92.7	-1.1%	0.6%
5	93.3	0.5%	1.4%
6	93.8	2.7%	-0.8%
7	91.2	-2.1%	-0.2%
8	97.0	-0.5%	-0.7%
9	92.5	-0.7%	3.8%
10	88.3	0.9%	7.1%
11	87.5	3.9%	7.6%
12	88.2	6.2%	-0.2%
13	89.9	3.4%	-6.0%
14	86.9	4.4%	-8.5%
15	91.9	-1.9%	-2.9%
16	84.7	-1.3%	-10.6%

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