

TRAPEZE WAVE CASCADE CHANDELIER OVAL

24VDC, STATIC WHITE & WARM DIM WITH REMOTE UNI POWER SUPPLY

ASSEMBLED IN AMERICA

REV 07.24.26



Wave Cascade with 3 Loops, 2 Swings

DESCRIPTION

The Trapeze Wave Cascade is a flexible, architectural lighting system that blends form and function to create continuous, 360-degree illumination without pixelation. Its sculptural, minimal design provides a striking visual element while delivering exceptional color rendering for a clean, uninterrupted glow.

Designed to offer both a sophisticated aesthetic and an inviting ambiance, the Trapeze Wave Cascade enhances interiors with its fluid, seamless flow. Choose from Static White or Warm Dim (30D). With flexible configuration options and precision engineering, the Trapeze Wave Cascade serves as both a functional lighting solution and a design statement, making it the perfect solution for a wide range of applications. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

STATIC WHITE LUMEN PERFORMANCE AT 3000K 5W PER FOOT

LUMEN OUTPUT	775 lm/ft	EFFICIENCY	138 lm/watt
CRI	93	Rg	98
BEAM ANGLE	360°	BEAM TOLERANCE	+/- 30CCT

SPECIFICATIONS

DIMENSIONS	DIA: 1C = 0.9"
INPUT	24VDC with 5" leads
POWER SUPPLIES	24VDC power supply included
POWER CONSUMPTION	3 or 5 watts per foot
BENDING	6" minimum radius
MATERIAL	UV Resistant Silicon
OPERATING TEMPERATURE	-4° F (-20° C) to 122° F (+50° C)
AVERAGE LED LIFE	50,000 hrs
WARRANTY	5 Year pro-rated

LAMP

- Static White Color Temperatures ranging from **2400K** through **3500K**
- Warm Dim: **30D** dims down to 1800K, resembling a halogen light source

POWER SUPPLY (INCLUDED)

- 120V input, 24VDC 100 watt Class 2 output
- Electronic Low Voltage LED Power Supply

DIMMERS & CONTROLS (SOLD SEPARATELY)

- [Pure Smart™ Wi-Fi Dimmer](#)

COMPLIANCE

*Title 24 JA8 compliant for 2700K CCT and above when used with PureEdge remote Universal power supplies, ETL, Class 2, Damp Location, Assembled in USA.

APPLICATIONS

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

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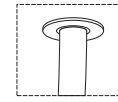
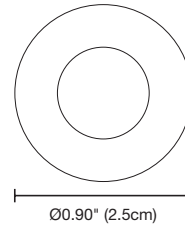


1C Cora Weave Flex

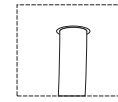
FINISH OPTIONS



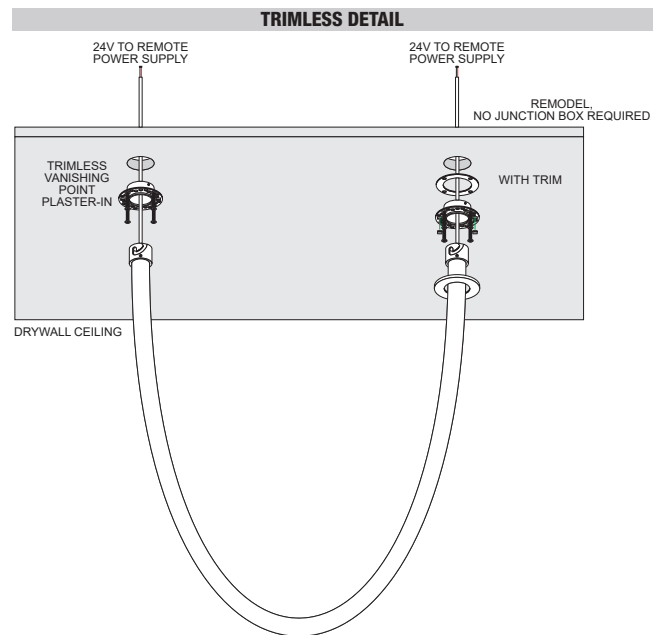
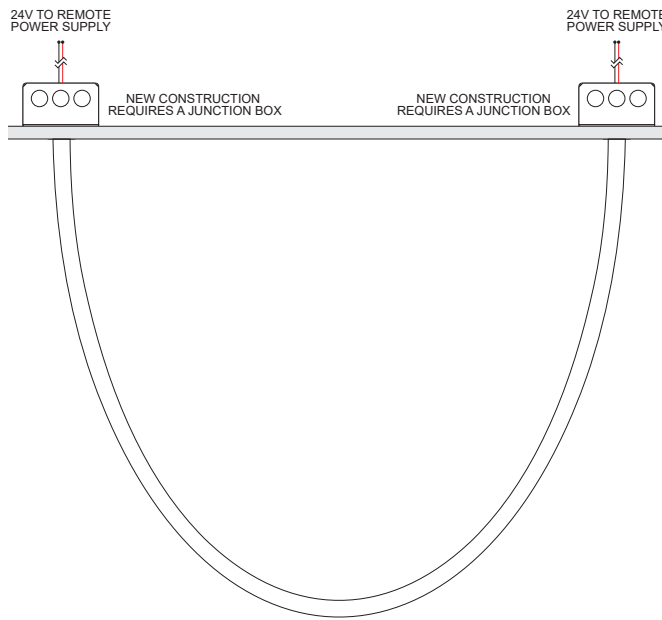
360 ILLUMINATION



TRIM



TRIMLESS



System	Type	Wattage	Length of Longest Loop from Ceiling in Feet	Color Temperature	Finish
WC4P	96	5W	3	27K	MW
WC3P Wave Cascade with 3 Cora Loops & 2 Swings	96 36" Width x 96" Length	3W 3 watts per foot	3 3' Drop from Ceiling	24K 2400K Very Warm White	BK Black
WC4P Wave Cascade with 4 Cora Loops & 3 Swings	120 48" Width x 120" Length	5W 5 watts per foot	4 4' Drop from Ceiling	27K 2700K Incandescent White	MW Matte White RAL 9003
WC5P Wave Cascade with 5 Cora Loops & 3 Swings	192 72" Width x 192" Length		5 5' Drop from Ceiling	30K 3000K Warm White	SB Satin Brass
			6 6' Drop from Ceiling	30D* 3000K Warm Dim, Dims to 1800K	SN Satin Nickel
			7 7' Drop from Ceiling	35K 3500K Neutral White	PN Polished Nickel
					TL Trimless Plaster-in Canopy
					XX Custom*

*5W Only

*RAL/_ Specify RAL powder coat code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.

TRAPEZE WAVE LAYOUTS - Short Side (W) is 36", Long Side (L) is 96"

3 LOOPS, 2 SWINGS LAYOUT

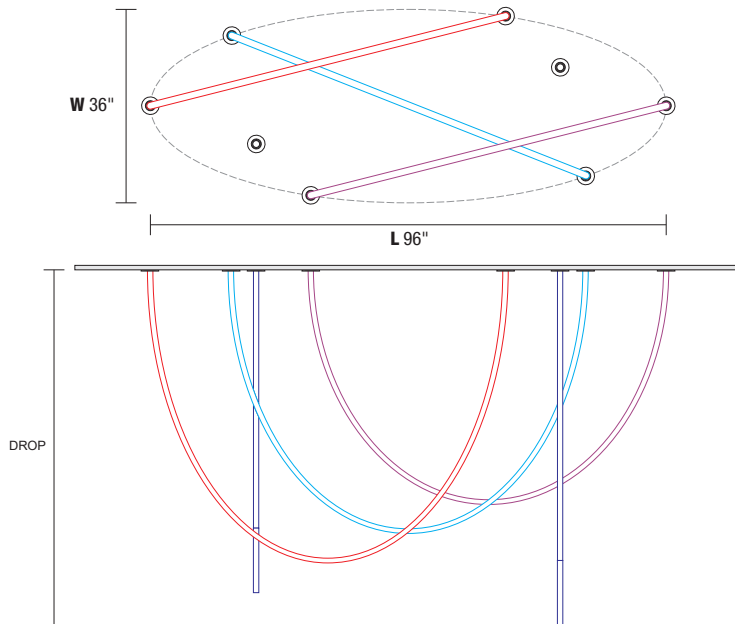
[3' Drop 3D Model](#)

[6' Drop 3D Model](#)

[4' Drop 3D Model](#)

[7' Drop 3D Model](#)

[5' Drop 3D Model](#)



TRAPEZE WAVE 360 LAYOUTS - Short Side (W) is 48", Long Side (L) is 120"

3 LOOPS, 2 SWINGS LAYOUT

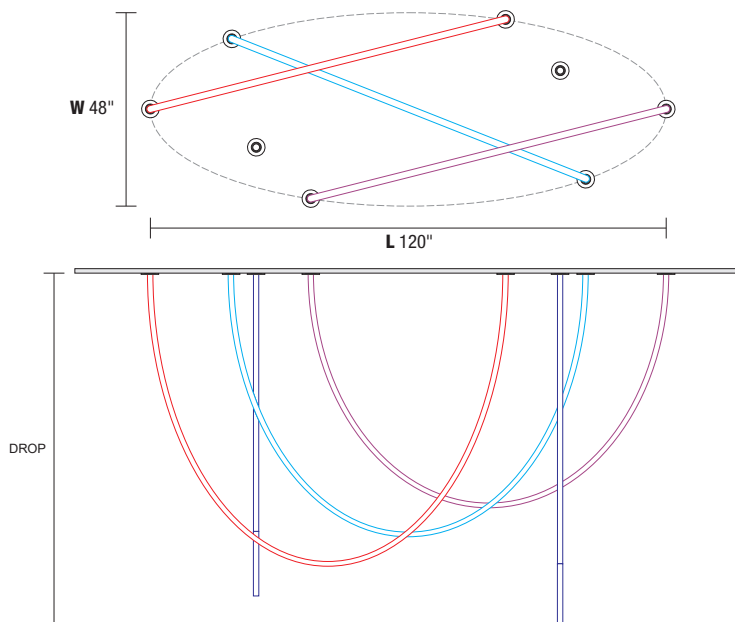
[3' Drop 3D Model](#)

[6' Drop 3D Model](#)

[4' Drop 3D Model](#)

[7' Drop 3D Model](#)

[5' Drop 3D Model](#)

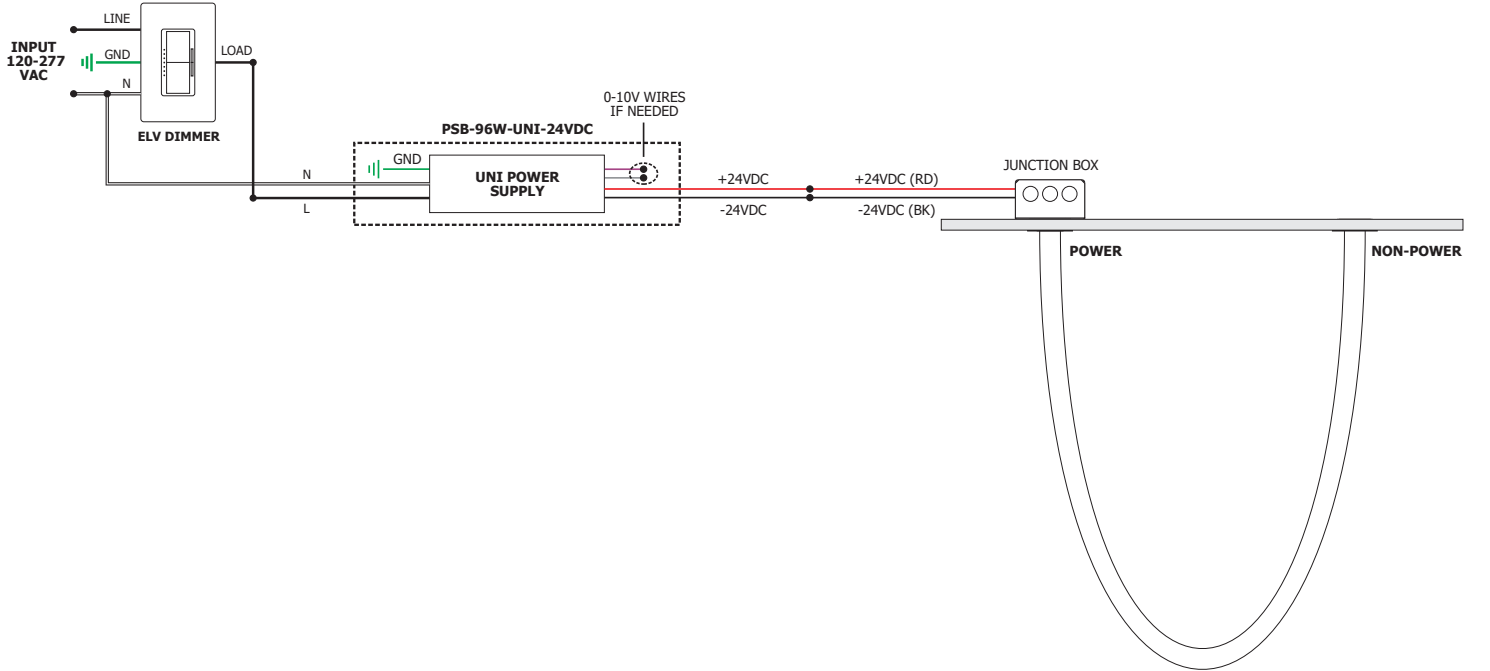


TRAPEZE WAVE CASCADE CHANDELIER OVAL

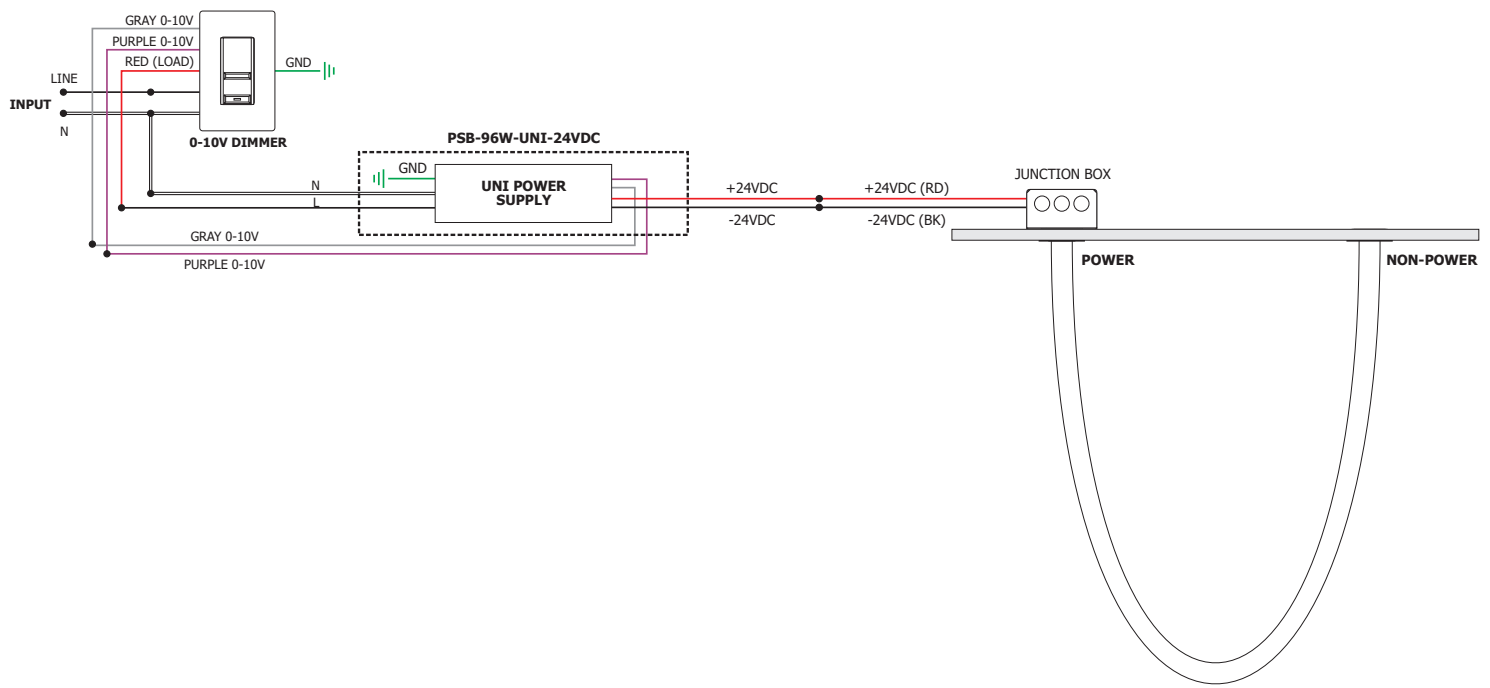
24VDC, STATIC WHITE & WARM DIM WITH REMOTE UNI POWER SUPPLY

STATIC WHITE AND WARM DIM

WIRING DIAGRAM: Single Junction Box



WIRING DIAGRAM: 0-10V

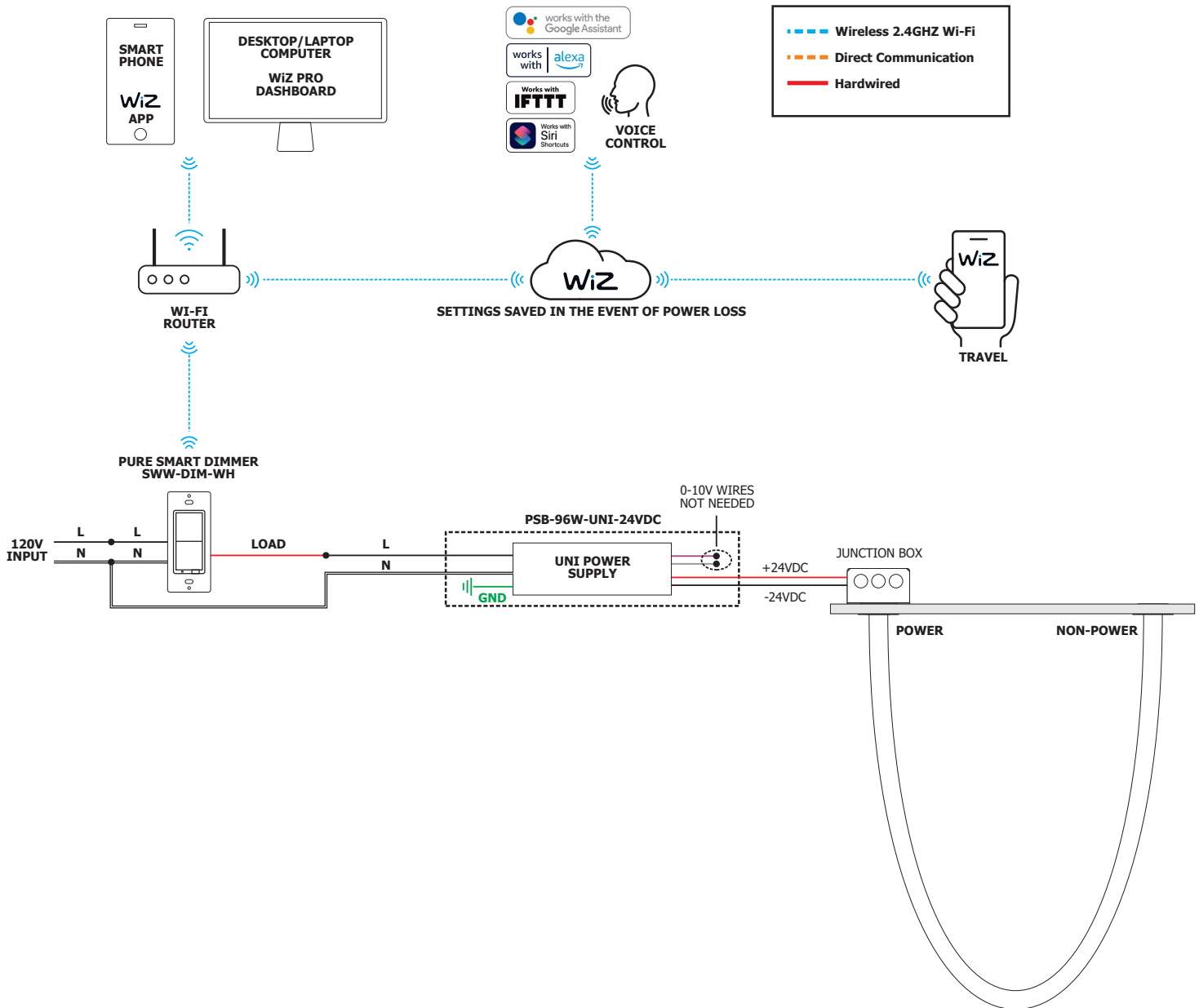


TRAPEZE WAVE CASCADE CHANDELIER OVAL

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STATIC WHITE AND WARM DIM

WIRING DIAGRAM: Pure Smart





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PROJECT
FIXTURE TYPE
DATE

REV 07.24.26

NOMINAL DELIVERED LUMENS

	1C CORA WEAVE FLEX - STATIC WHITE & WARM DIM									
WATTS PER FOOT	3W					5W				
COLOR TEMPERATURE	24K	27K	30K	35K	24K	27K	30K	30D	35K	
LUMENS PER FOOT (lm/ft)	402	418	423	422	642	661	680	375	652	
LUMENS PER WATT (lm/w)	112	117	121	120	112	117	121	65	120	
CRI	95+	94+	93+	93+	95+	94+	93+	96+	93+	

LED STRIP TM30 DATA

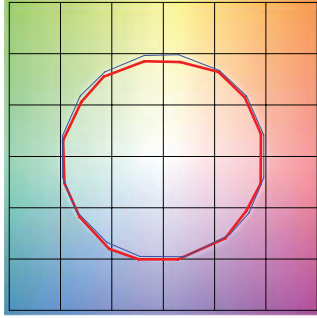
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TM-30-15 DATA: The data below is for bare LED Static White Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to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

2400K | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

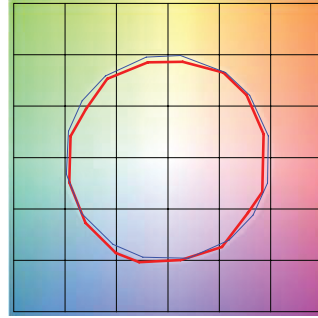


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

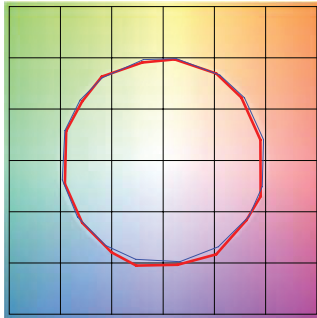


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

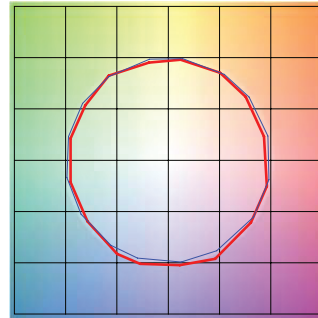


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
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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%
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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

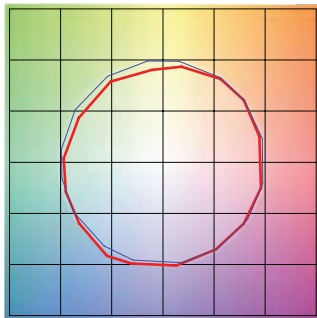


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%
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4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

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LED STRIP TM30 DATA

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3000D | Rf: 90.6 | Rg: 101.1
 Color Vector Graphic

