

TRAPEZE PIROUETTE CASCADE ROUND

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

ASSEMBLED IN AMERICA

REV 08.04.26



DESCRIPTION

The Trapeze Pirouette 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 Pirouette 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 Pirouette 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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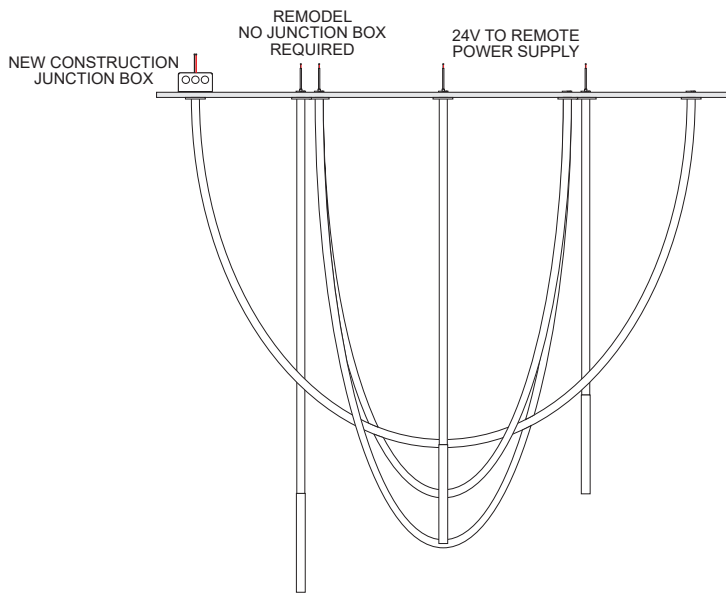
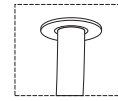
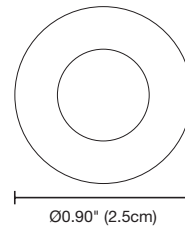


1C Cora Weave Flex

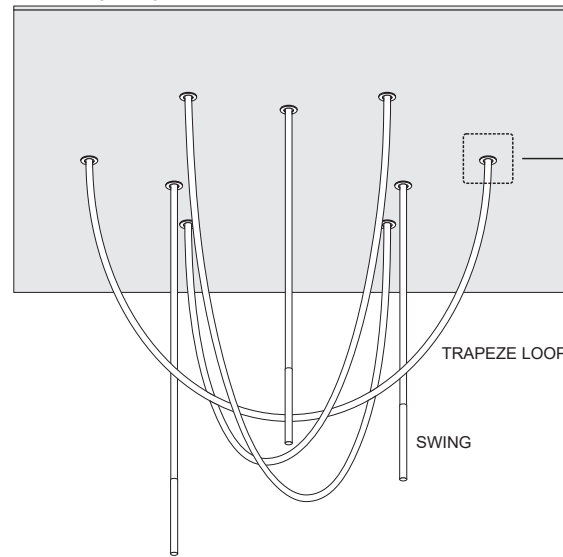
FINISH OPTIONS



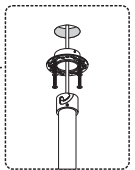
360 ILLUMINATION



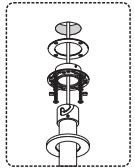
DRYWALL CEILING



TRIMLESS
VANISHING
POINT
PLASTER-IN



OR
TRIM



System	Type	Wattage	Length of Longest Loop from Ceiling in Feet	Color Temperature	Finish
PC3P	D96	5W	3	27K	MW
PC3P Pirouette Cascade with 3 Cora Loops	D36 36" Diameter, 2 Swings	3W 3 watts per foot	3 3' Drop from Ceiling	24K 2400K Very Warm White	BK Black
PC4P Pirouette Cascade with 4 Cora Loops	D42 42" Diameter, 2 Swings	5W 5 watts per foot	4 4' Drop from Ceiling	27K 2700K Incandescent White	MW Matte White RAL 9003
	D60 60" Diameter, 3 Swings		5 5' Drop from Ceiling	30K 3000K Warm White	SB Satin Brass
	D96 96" Diameter, 3 Swings		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

*5W Only

*RAL/_ Specify RAL powder coat code (ex: #RAL9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.

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TRAPEZE PIROUETTE CASCADE LAYOUTS - 36" Diameter

3 LOOPS, 2 SWINGS LAYOUT

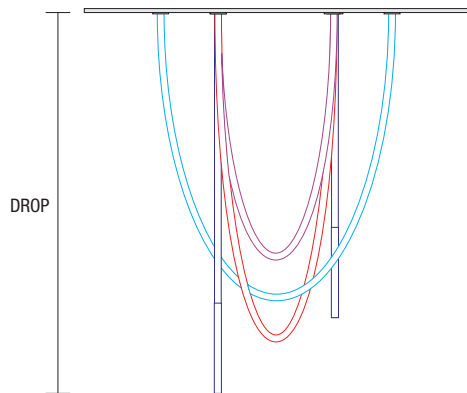
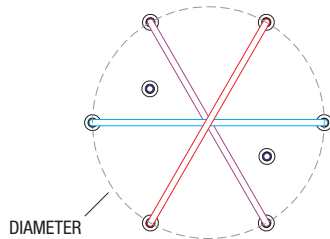
[3' Drop 3D Model](#)

[6' Drop 3D Model](#)

[4' Drop 3D Model](#)

[7' Drop 3D Model](#)

[5' Drop 3D Model](#)



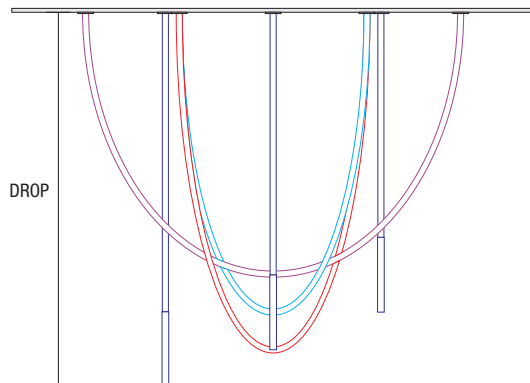
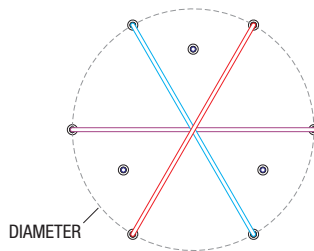
TRAPEZE PIROUETTE CASCADE LAYOUTS - 60" Diameter

3 LOOPS, 3 SWINGS LAYOUT

[5' Drop 3D Model](#)

[6' Drop 3D Model](#)

[7' Drop 3D Model](#)



TRAPEZE PIROQUETTE CASCADE ROUND

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

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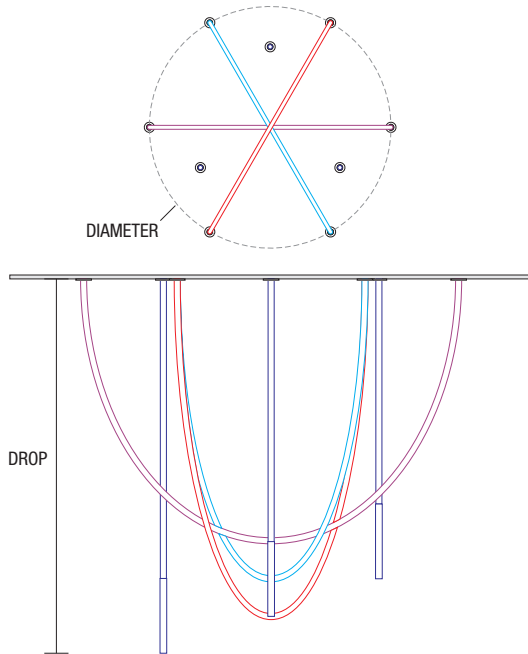
TRAPEZE PIROQUETTE CASCADE LAYOUTS - 96" Diameter

3 LOOPS, 3 SWINGS LAYOUT

[5' Drop 3D Model](#)

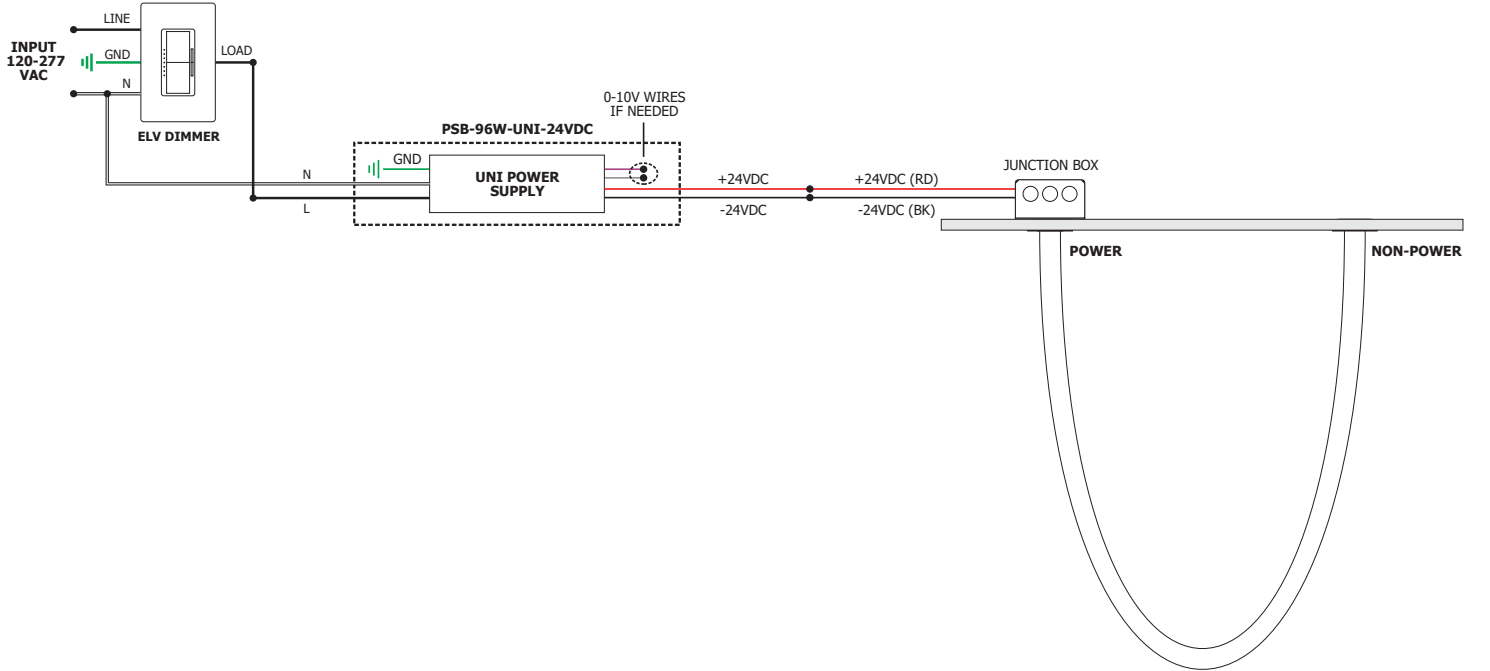
[6' Drop 3D Model](#)

[7' Drop 3D Model](#)

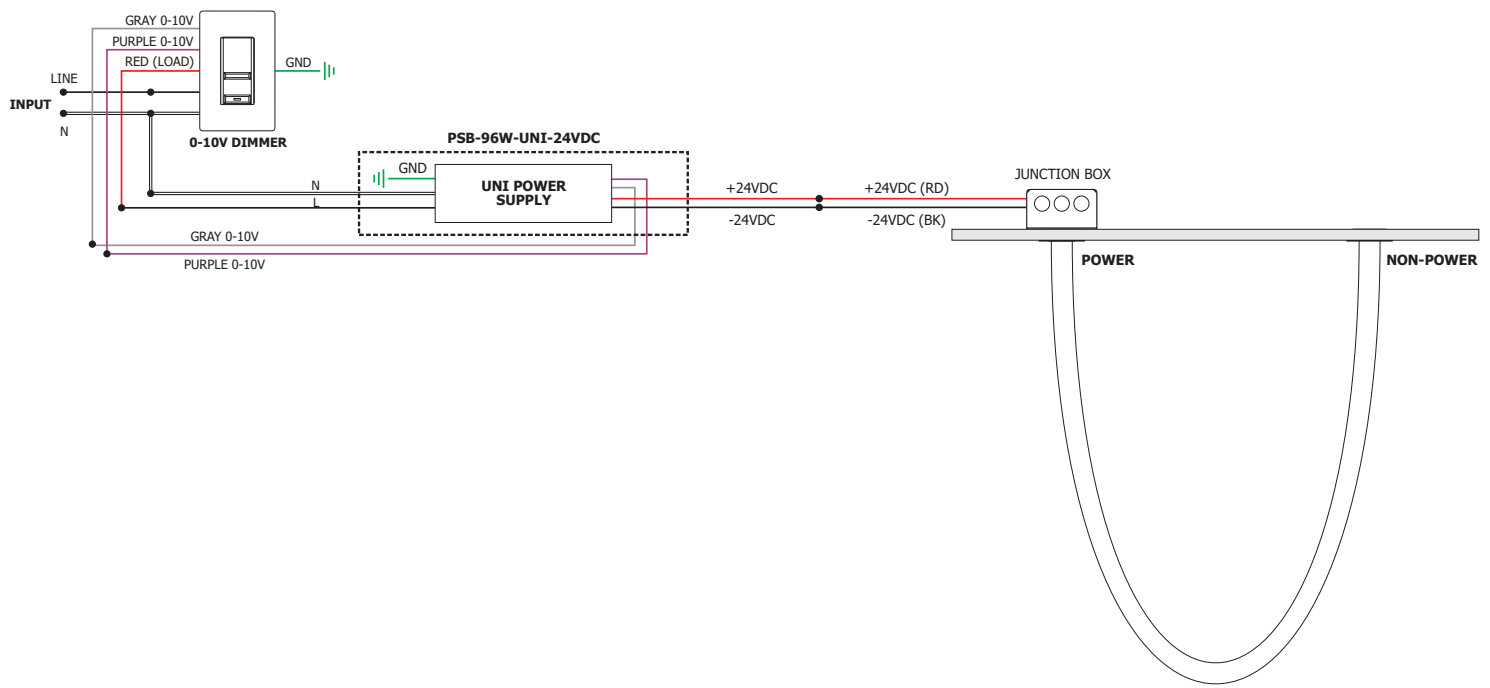


STATIC WHITE AND WARM DIM

WIRING DIAGRAM: Single Junction Box



WIRING DIAGRAM: 0-10V

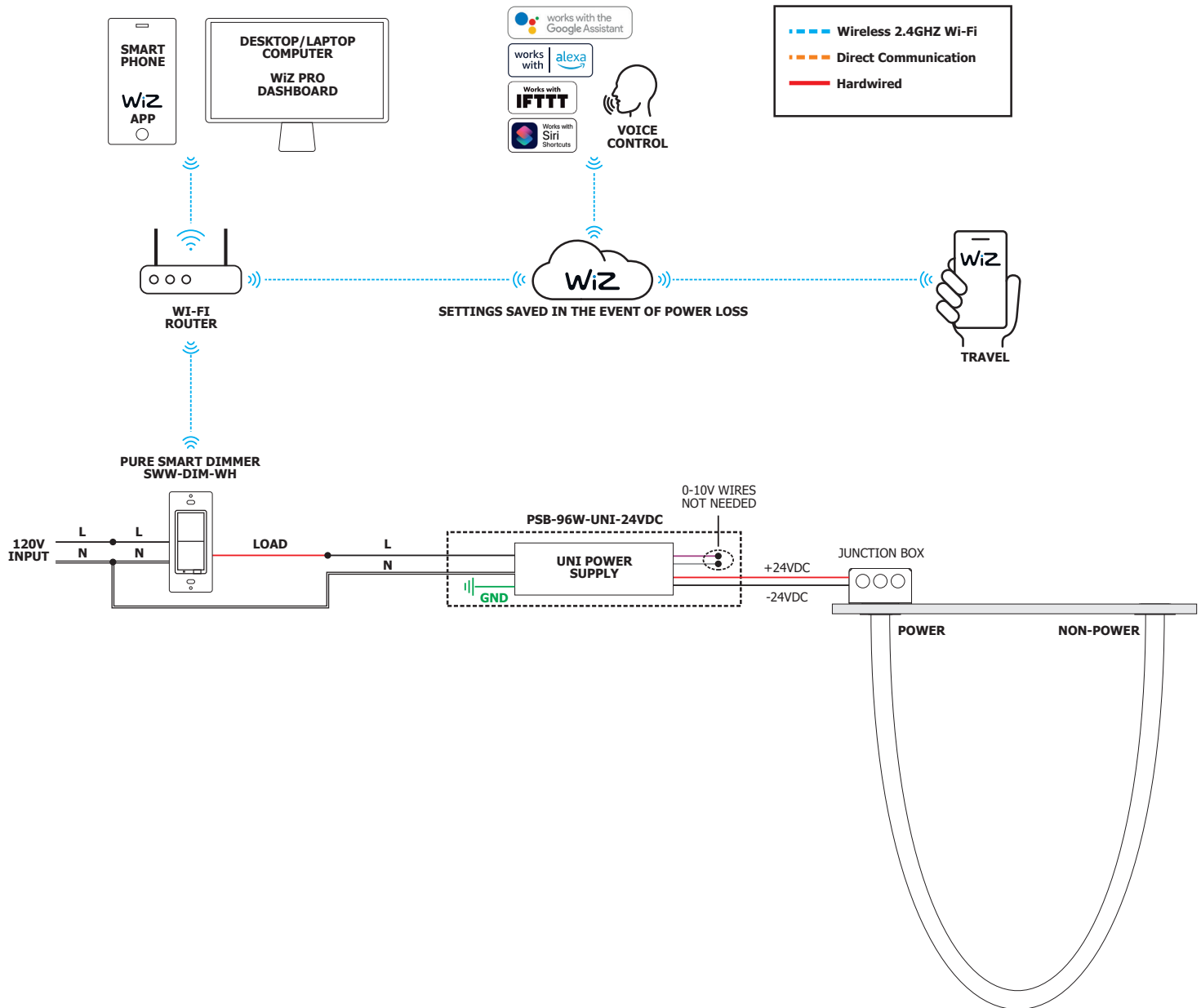


TRAPEZE PIROUETTE CASCADE ROUND

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

STATIC WHITE AND WARM DIM

WIRING DIAGRAM: Pure Smart





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PROJECT
FIXTURE TYPE
DATE

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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

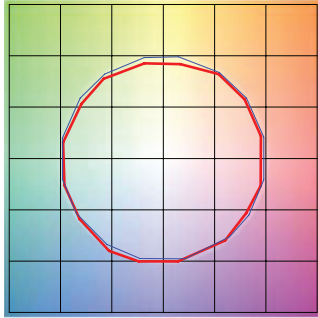
24VDC, STATIC WHITE & WARM DIM WITH REMOTE UNI POWER SUPPLY

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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

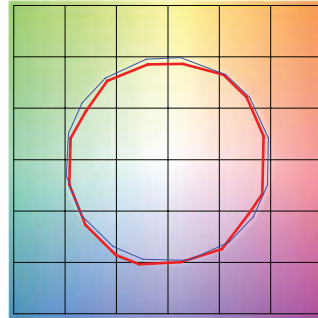


■ Test ■ Reference

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

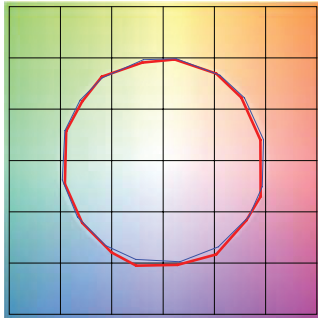


■ Test ■ Reference

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

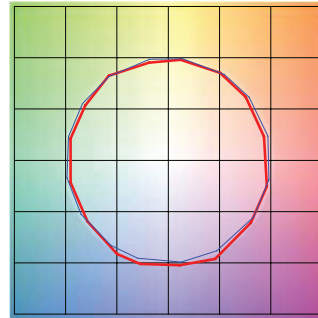


■ Test ■ Reference

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%

LED STRIP TM30 DATA

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

