

CIRRUS SUSPENSION T1

TUBULAR T1 WITH POWER, CENTER FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.06.25



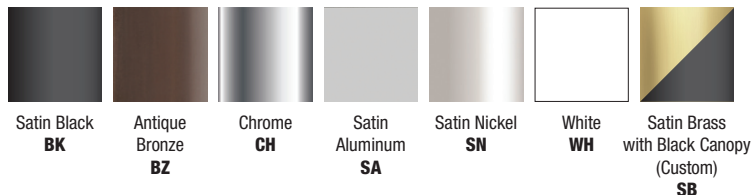
DESCRIPTION

Cirrus Power Suspension T1 is a linear LED fixture that offers a clean, contemporary style. Cirrus T1 is available in various increments from 36"-120" (10'), with a 176° White Diffused T1 Tubular Lens, a variety of finishes, Warm Dim options. Fixture includes a 5 year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

INSTALLATION

- Includes Canopy with 120V/24VDC Uni-drivers
- Includes a 12" Rectangular Canopy used for sizes 36"-96", and a 26" Rectangular Canopy is used for sizes 99"-120"
- Includes adjustable 12' Coaxial Cables (additional Aircraft Cables included for support when fixture exceeds 72")

FINISHES



LENS

Diffused White T1 Tubular Lens, 176° Beam Spread

APPLICATIONS

Designed for indoor use only. Ideal environments include: Kitchens, Dining Rooms, Hallways, Conference Rooms, Offices, Architectural, and Retail

LAMPING

- Choose from 7 different Color Temperatures from 2400K-4000K including Warm Dim
- Warm Dim (optional): 2700K-2000K (**27D**) or 3000K-2000K (**30D**)
- 50,000 Hour Lamp Life

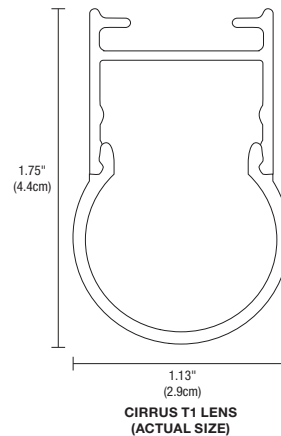
POWER SUPPLY (INCLUDED IN CANOPY)

- [UNI Driver: Universal Dimming](#) (TRIAC, ELV, 0-10V)
- 120V/24V

MAKE IT SMART

- [Pure Smart™ WIZ Pro Controls](#)

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Title 24, Made in America.



System	Wattage Per Foot	Canopy	Nominal Size (Inches)	Color Temperature	Finish
CST1P CST1P Cirrus Suspension Tubular 1 Lens, with Power	5W 4.4 Watts 7W 7.3 Watts 10W 9.6 Watts	C Center Feed	120 36-120 Order in various increments from 36"-120"	24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5W only) 30K 3000K Warm White (Halogen) 30D 3000K Warm Dim (5W only) 35K 3500K Neutral White 40K 4000K Cool White	SN BK Satin Black BZ Antique Bronze CH Chrome SA Satin Aluminum SB Satin Brass* SN Satin Nickel WH White *Custom Order Includes Black End Caps, Wires, and Canopy.

*84" Maximum Length for Chrome. Refer to length chart for exact dimensions

PROJECT	FIXTURE TYPE	DATE
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LAMP DATA Lamp Data for Cirrus Suspension T1

CST1P																	
DESCRIPTION	DIFFUSED TUBULAR 1 LENS																
WATTS PER FOOT	5W (4.4 watts)						7W (7.3 watts)					10W (9.6 watts)					
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	349	352	402	367	419	421	444	539	544	567	651	686	639	673	701	804	848
LUMENS PER WATT (lm/w)	79	80	84	83	87	96	101	74	75	78	89	94	67	70	73	84	88
CRI	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+	92+	92+	90+	95+	95+	85+	85+

*27D, 30D - Warm Dim (4.8 Watts)

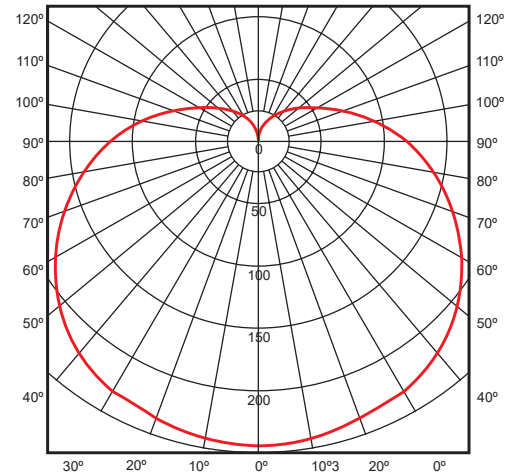
8', 176° AT 3000K

5 Watt 100°	
Distance	Foot Candles
1'	110
1.5'	71
2'	54
3'	36
4'	26
5'	19
6'	15
7'	12
8'	10

7 Watt 100°	
Distance	Foot Candles
1'	173
1.5'	115
2'	87
3'	58
4'	42
5'	31
6'	25
7'	20
8'	17

10 Watt 100°	
Distance	Foot Candles
1'	183
1.5'	123
2'	91
3'	60
4'	43
5'	32
6'	25
7'	20
8'	18

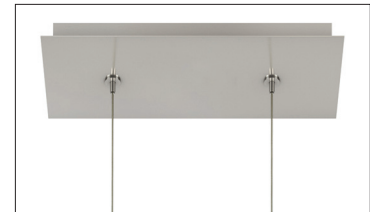
CANDLE POWER DISTRIBUTION



176° BEAM SPREAD



DIFFUSED WHITE LENS



CANOPY IN SATIN NICKEL

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CIRRUS SUSPENSION T1

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LENGTH CHART Actual lengths for Cirrus Suspension T1

24K, 27K, 30K, 35K & 40K		
Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)
36	37.0	37.0
39	39.4	39.4
41	41.8	41.8
44	44.2	44.2
46	46.6	46.6
48	49.0	49.0
51	51.4	51.4
53	53.8	53.8
56	56.2	56.2
58	58.6	58.6
60	61.0	61.0
63	63.4	63.4
65	65.8	65.8
68	68.2	68.2
70	70.6	70.6
72	73.0	73.0
75	75.4	75.4
77	77.8	77.8
80	80.2	80.2
82	82.6	82.6
84	85.0	85.0
87	87.4	
89	89.8	
92	92.2	
94	94.6	
96	97.0	
99	99.4	
101	101.8	
104	104.2	
106	106.6	
108	109.0	
111	111.4	
113	113.8	
116	116.2	
118	118.6	
120	121.0	

27D & 30D		
Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)
36	37	37
39	40	40
42	43	43
45	46	46
48	49	49
51	52	52
54	55	55
57	58	58
60	61	61
63	64	64
66	67	67
69	70	70
72	73	73
75	76	76
78	79	79
81	82	82
84	85	85
87	88	
90	91	
93	94	
96	97	
99	100	
102	103	
105	106	
108	109	
111	112	
114	115	
117	118	
120	121	

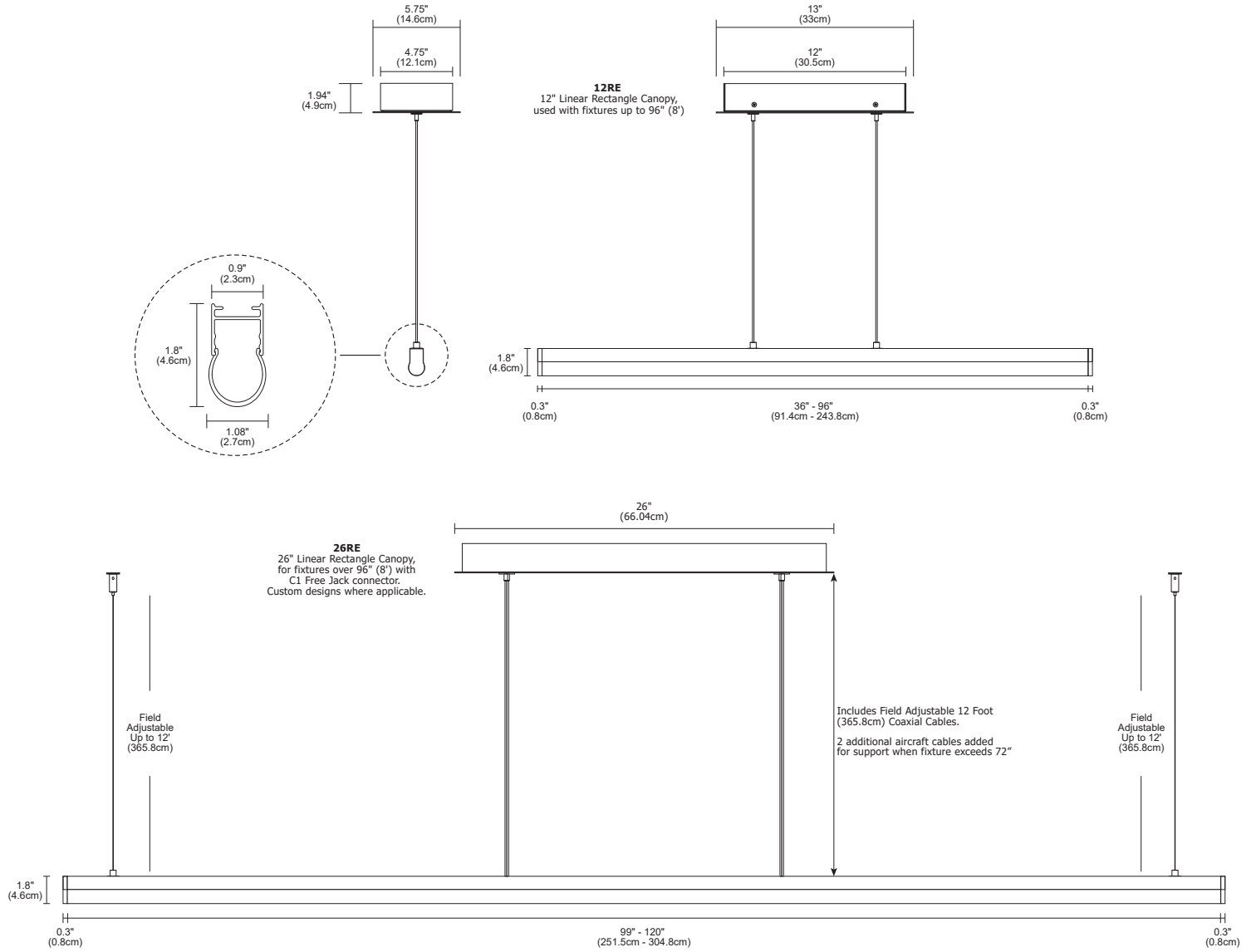
*84" max shipping length for chrome.

PROJECT		FIXTURE TYPE		DATE	
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TUBULAR T1 WITH POWER, CENTER FEED

DRAWINGS Dimension drawings for Cirrus Suspension T1



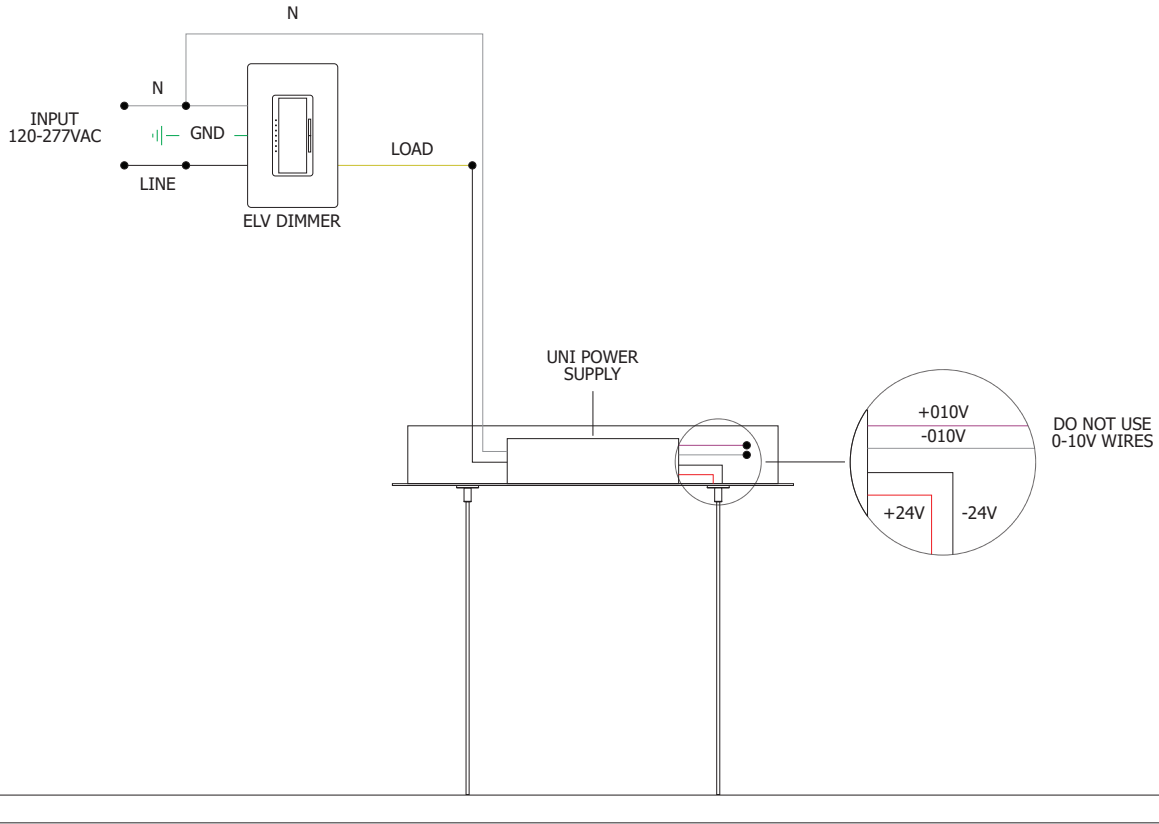
PROJECT	FIXTURE TYPE	DATE
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CIRRUS SUSPENSION T1

TUBULAR T1 WITH POWER, CENTER FEED

WIRING DIAGRAM Wiring Diagram for Static White with ELV Dimmer

APPLICATION ELV dimming for Cirrus T1 Power Suspension, Center Feed Canopy, Static White



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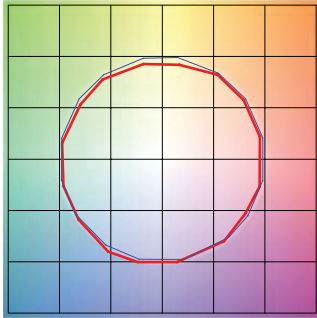
SUSPENSION TM30 DATA

TUBULAR T1 WITH POWER, CENTER 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

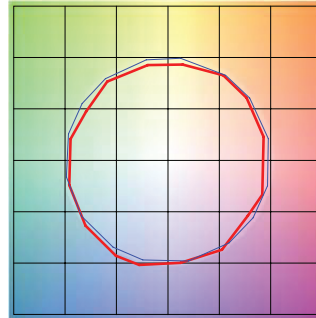


■ Test ■ Reference

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

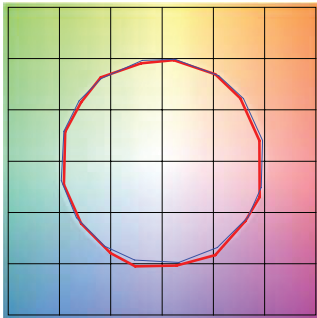


■ Test ■ Reference

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

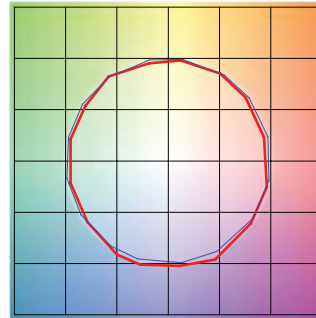


■ Test ■ Reference

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

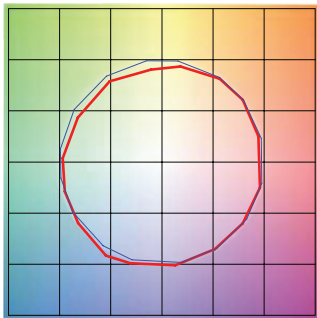


■ Test ■ Reference

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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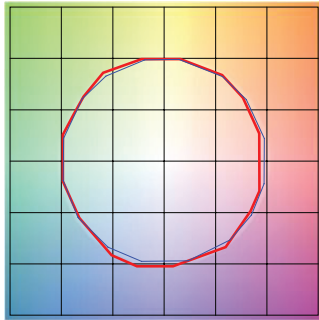
SUSPENSION TM30 DATA

TUBULAR T1 WITH POWER, CENTER 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

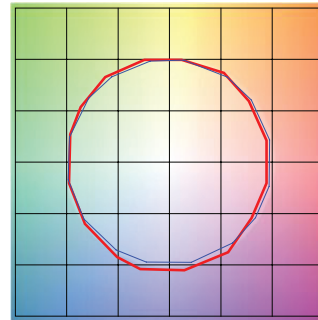


■ Test ■ Reference

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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