

# CIRRUS SUSPENSION D1

## 24VDC TUNABLE WHITE DOWNLIGHT, CENTER FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

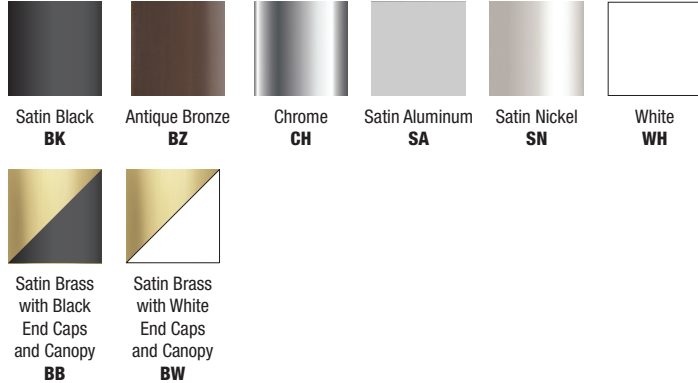
REV 08.09.22



### DESCRIPTION

Cirrus D1 Suspension Downlight Center feed with Tunable White is a linear LED suspension that creates a Direct beam of light with a clean and architectural aesthetic. Dynamic Tunable White technology grants independent control for adjusting color temperature and brightness. The **2K6K** option provides a range of 2000K (Amber) through 6500K (Cool White), ideal for residential and hospitality settings. The **27K6** option ranges from 2700K (Warm White) through 6500K (Cool White), suitable for healthcare, education, office and other commercial applications. Use with two dimmers or our proprietary Tunable White Controller for fast and accurate adjustment with three pre-set scenes (Ordered separately). The Cirrus D1 Tunable White Suspension is available in increments from 36"-120", various Metal Finishes and Wattage Options. Choose a Diffused White Lens with a 100° Beam Spread or a Clear Frosted 60° Lens, add a Black or White Louver for additional diffusion. Includes a 5-year pro-rated warranty. For custom lengths and quotes, email our design team [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### FINISHES



### LAMP

- Tunable White: 2000K-6500K (2K6K) or 2700K-6500K (27K6) grants independent control for adjusting color temperature and intensity
- 50,000 Hour Lamp Life

### POWER & CANOPY SPECIFICATIONS

- Input Voltage: 120VAC - 277VAC
- 24VDC, Class 2 wiring
- Power Consumed: 5 or 10 watts per foot

### CSD\_P: POWER SUPPLY IN CANOPY (INCLUDED)

- **0-10V:** Requires two dimmers, one for intensity and one for kelvin color temperature

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

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
  - **0-10V** Requires two dimmers, one for intensity and one for color temperature
  - **DMX Dynamic Color Changing:** Must be used with PureEdge [Controllers](#)
- \*In-Wall Mounting Kits available for select power supplies

### MOUNTING

- 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")

### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. RoHS, Title 24 JA8 listed 27K> CCT, Made in America.

### APPLICATIONS

Indoor Damp Location - Human-Centric lighting is ideal in many environments including Residential, Hospitality, Resort Spa, Offices, Health and Education Institutions.

System	Wattage Per Foot	Canopy	Nominal Size (Inches)	Color Temperature	Finish
<b>CSDSP</b>	<b>5W</b>	<b>C</b>	<b>120</b>	<b>2K6K</b>	<b>SN</b>
<b>CSDSP</b> Cirrus Suspension Diffused Lens, Standard Efficiency, Power <b>CSDSR</b> Cirrus Suspension Diffused Lens with Remote Power, Sold Separately <b>CSDWP</b> Cirrus Suspension Diffused Lens with White Louver, Power <b>CSDWR</b> Cirrus Suspension Diffused Lens and White Louver with Remote Power, Sold Separately <b>CSDBP</b> Cirrus Suspension Diffused Lens with Black Louver, Power <b>CSDBR</b> Cirrus Suspension Diffused Lens and Black Louver with Remote Power, Sold Separately	<b>5W</b> 5 Watts <b>10W</b> 10 Watts	<b>C</b> Center Feed	<b>36-120</b> Order in various increments from 36"-120" *84" Maximum Length for Chrome. Refer to length chart for exact dimensions	<b>2K6K</b> Tunable White 2000K-6500K <b>27K6</b> Tunable White 2700K-6500K	<b>BK</b> Satin Black <b>BZ</b> Antique Bronze <b>CH</b> Chrome <b>SA</b> Satin Aluminum <b>SN</b> Satin Nickel <b>WH</b> White <b>BW</b> Satin Brass with White End Caps and Canopy <b>BB</b> Satin Brass with Black End Caps and Canopy

PROJECT	FIXTURE TYPE	DATE
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# CIRRUS SUSPENSION D1

## 24VDC TUNABLE WHITE DOWNLIGHT, CENTER FEED

### NOMINAL LAMP DATA: Lamp data for the Cirrus Suspension D1

DESCRIPTION	CSDSP / CSDSR																															
	TUNABLE WHITE 2K6K																TUNABLE WHITE 27K6															
	5W																5W															
WATTS PER FOOT																																
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	10W															
LUMENS PER FOOT (lm/ft)	199	207	215	223	231	247	265	268	270	222	227	235	244	241	239	238	565	570	570	601	581	570	570	570	565	530	545	561	577	555	549	531
LUMENS PER WATT (lm/w)	43	43	45	46	48	52	55	56	59	55	49	51	53	52	52	60	49	51	53	57	62	63	63	60	66	62	57	58	60	58	57	63
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	83+	83+	92+	92+	92+	93+	93+	93+	93+	93+	93+	94+	94+	94+	93+	93+

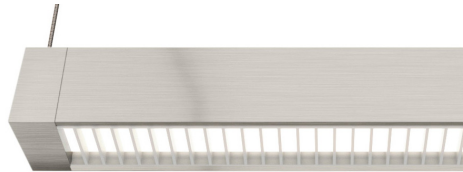
DESCRIPTION	CSDWP / CSDWR																															
	TUNABLE WHITE 2K6K																TUNABLE WHITE 27K6															
	5W																5W															
WATTS PER FOOT																																
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	10W															
LUMENS PER FOOT (lm/ft)	157	163	170	176	182	195	209	211	213	175	179	186	192	190	189	188	450	450	474	458	450	450	450	445	445	418	430	443	455	438	433	419
LUMENS PER WATT (lm/w)	34	35	37	38	40	42	45	46	46	44	39	40	42	41	41	47	98	98	103	100	98	98	98	97	97	49	45	46	47	46	45	49
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	83+	83+	92+	92+	92+	93+	93+	93+	93+	93+	93+	94+	94+	94+	93+	93+

DESCRIPTION	CSDBP / CSDBR																															
	TUNABLE WHITE 2K6K																TUNABLE WHITE 27K6															
	5W																5W															
WATTS PER FOOT																																
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	10W															
LUMENS PER FOOT (lm/ft)	123	128	133	138	143	153	164	165	167	137	140	145	150	149	148	147	352	371	358	352	352	352	348	352	348	327	336	346	356	342	339	328
LUMENS PER WATT (lm/w)	27	28	29	30	31	33	36	36	36	34	30	32	33	32	32	37	76	81	78	76	76	76	76	76	76	38	35	36	37	36	35	39
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	83+	83+	92+	92+	92+	93+	93+	93+	93+	93+	93+	94+	94+	94+	93+	93+

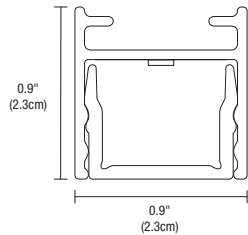
### INCLUDED COMPONENTS Lens Options and Lamp Data for Cirrus Suspension D1



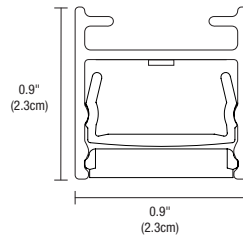
DIFFUSED WHITE LENS



DIFFUSED WHITE LENS WITH WHITE LOUVER



CHANNEL WITHOUT LOUVER



CHANNEL WITH LOUVER

PROJECT		FIXTURE TYPE		DATE	
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# CIRRUS SUSPENSION D1

## 24VDC TUNABLE WHITE DOWNLIGHT, CENTER FEED

### LENGTH CHART Actual lengths for Cirrus Suspension D1

		5W			10W		
		WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K/2700K AND ONE FOR 4000K/6500K (SEE PAGES BELOW)		DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K/2700K AND ONE FOR 4000K/6500K (SEE PAGES BELOW)		DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH	TUNABLE @ 5 WATTS PER FT	POWER SUPPLY	POWER SUPPLY	TUNABLE @ 10 WATTS PER FT	POWER SUPPLY	POWER SUPPLY
36	37.0	15	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
39	39.4	16	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	32	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
41	41.8	17	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	34	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
44	44.2	18	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	37	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
46	46.6	19	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	38	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
48	49.0	20	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
51	51.4	21	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	42	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
53	53.8	22	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	44	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
56	56.2	23	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	47	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
58	58.6	24	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	48	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
60	61.0	25	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
63	63.4	26	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	52	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
65	65.8	27	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	54	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
68	68.2	28	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	57	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
70	70.6	29	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	58	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
72	73.0	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	60	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
75	75.4	31	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	62	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
77	77.8	32	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	64	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
80	80.2	33	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	67	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
82	82.6	34	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	68	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
84*	85.0	35	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	70	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
87	87.4	36	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	72	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
89	89.8	37	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	74	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
92	92.2	38	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	77	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
94	94.6	39	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	78	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
96	97.0	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	80	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
99	99.4	41	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	82	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
101	101.8	42	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	84	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
104	104.2	43	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	87	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
106	106.6	44	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	88	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
108	109.0	45	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	90	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
111	111.4	46	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	92	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
113	113.8	47	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	94	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
116	116.2	48	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	97	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
118	118.6	49	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	98	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
120**	121.0	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	100	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK

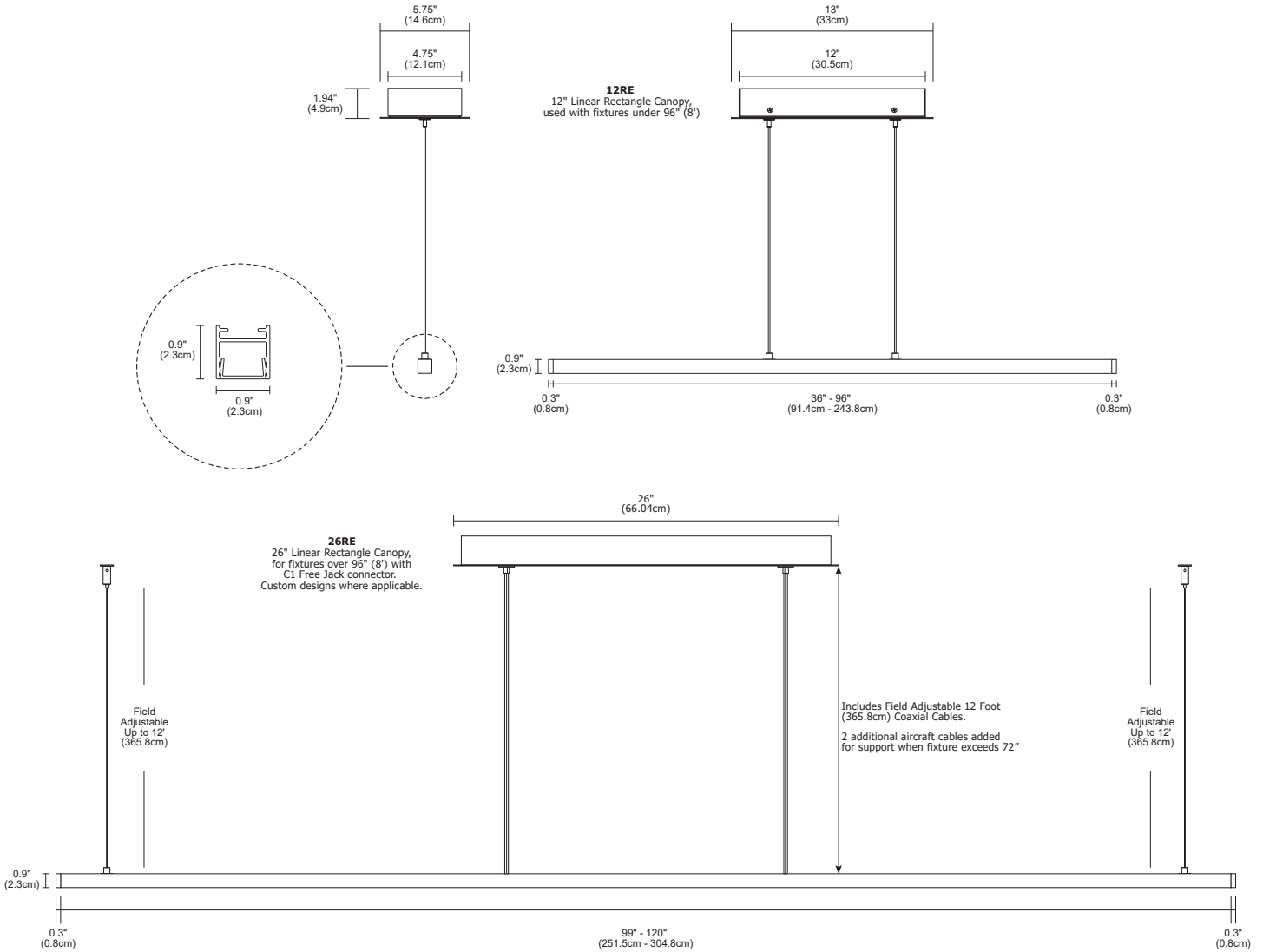
\*Maximum Chrome Length \*\*Maximum Shipping Length

PROJECT		FIXTURE TYPE		DATE	
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# CIRRUS SUSPENSION D1

24VDC TUNABLE WHITE DOWNLIGHT, CENTER FEED

## DRAWINGS Dimension drawings for Cirrus Suspension D1



PROJECT	FIXTURE TYPE	DATE

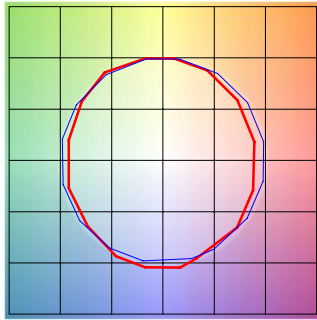
# SUSPENSION TM30 DATA

## 24VDC TUNABLE WHITE DOWNLIGHT, CENTER FEED

**TM-30-15 DATA:** The data below is for SS5C 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.

### 2000K ONLY (2K6K) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

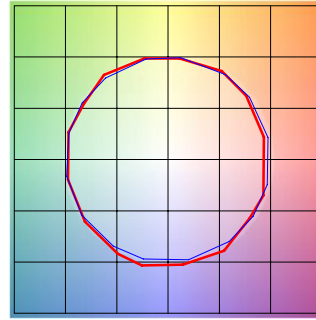


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.9%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

### 3000K (2K6K) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

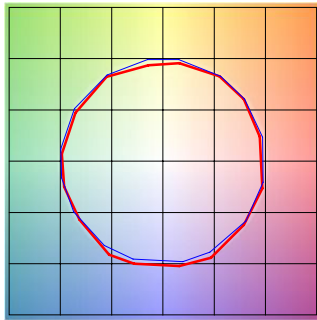


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.9	-3.8%	1.3%
2	91.7	-1.9%	3.3%
3	88.7	0.7%	5.1%
4	92.4	-1.0%	0.7%
5	92.9	0.9%	1.7%
6	93.1	3.3%	-0.6%
7	91.0	-1.8%	-0.4%
8	97.0	0.2%	-1.1%
9	92.8	-0.5%	3.6%
10	88.3	1.0%	7.0%
11	87.1	3.8%	7.8%
12	87.6	6.5%	-0.3%
13	89.3	3.6%	-6.3%
14	86.1	4.5%	-9.1%
15	91.6	-1.9%	-3.1%
16	83.8	-1.5%	-11.2%

### 4000K ONLY (2K6K) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.3	-2.5%	1.0%
2	95.3	-0.5%	0.5%
3	94.3	-0.7%	1.1%
4	91.1	-3.4%	-1.1%
5	89.5	-5.6%	0.0%
6	94.6	-1.4%	1.3%
7	93.2	-3.0%	2.6%
8	91.3	-1.8%	4.6%
9	86.5	-0.9%	9.1%
10	83.3	-0.5%	9.5%
11	83.3	4.9%	9.0%
12	89.7	4.1%	1.7%
13	90.1	3.6%	-4.3%
14	93.4	5.2%	-2.1%
15	87.4	0.4%	-4.3%
16	86.6	0.4%	-6.1%

PROJECT	FIXTURE TYPE	DATE
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