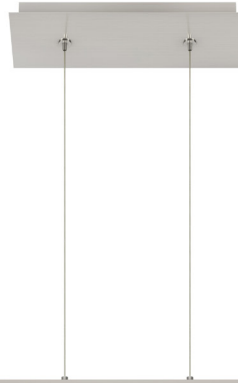


# CIRRUS SUSPENSION D1

## DOWNLIGHT WITH POWER, CENTER FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 08.30.22



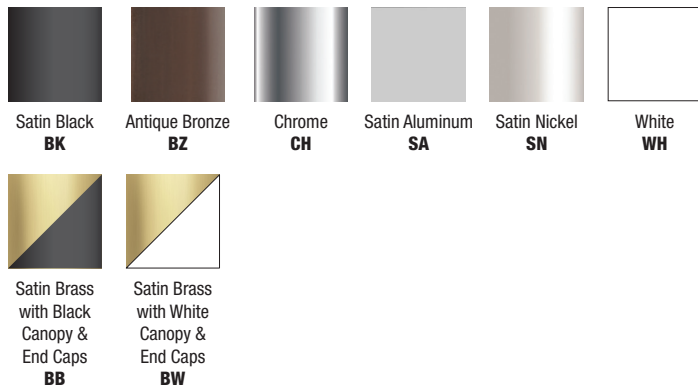
### DESCRIPTION

Cirrus Power Suspension Downlight is a linear LED fixture that offers direct light in a clean, contemporary style. Cirrus is available in various increments from 36" - 120" (10'), with a 100° White Diffused Lens or 60° Clear Frosted Lens, optional Black or White Louver, a variety of finishes, wattages and color temperatures. Fixture includes a 5 year pro-rated warranty. For custom designs and quotes, send drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### INSTALLATION

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

### FINISHES



### LENSES

Diffused White 100° Lens or Clear Frosted 60° Lens, both offered with Black or White Louver

### APPLICATIONS

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

### LAMPING

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

### POWER SUPPLY (INCLUDED IN CANOPY)

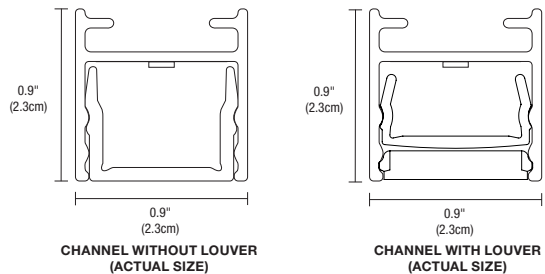
- Universal Power Supply
- Power: 120V/24V Uni-Drivers

### DIMMERS & CONTROLS (SOLD SEPARATELY)\*

[Pure Smart™ Wi-Fi Dimmer](#)

### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. ROHS, Tile 24 JA8 listed with universal power supplies in 27K> CCT, Made in America.



System	Wattage Per Foot	Canopy	Nominal Size (Inches)	Color Temperature	Finish
<b>CSDSP</b>	<b>2W</b>	<b>C</b>	<b>120</b>	<b>27K</b>	<b>SN</b>

**CSDSP** Cirrus Suspension Diffused Lens, Standard Efficiency, Power  
**CSDHP** Cirrus Suspension Diffused Lens, High Efficiency, Power  
**CSDWP** Cirrus Suspension Diffused Lens with White Louver, Power  
**CSDBP** Cirrus Suspension Diffused Lens with Black Louver, Power  
**CSCWP** Cirrus Suspension Clear Frosted Lens with White Louver, Power  
**CSCBP** Cirrus Suspension Clear Frosted Lens with Black Louver, Power

**2W** 2.5 Watts\*  
**5W** 4.4 Watts  
**7W** 7.5 Watts  
**10W** 9.6 Watts

**C** Center Feed

**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

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

**BK** Satin Black  
**BZ** Antique Bronze  
**CH** Chrome  
**SA** Satin Aluminum  
**SN** Satin Nickel  
**WH** White  
**BB** Satin Brass with Black Canopy & End Caps  
**BW** Satin Brass with White Canopy & End Caps

\*Louver not available

PROJECT	FIXTURE TYPE	DATE
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# CIRRUS SUSPENSION D1

## DOWNLIGHT WITH POWER, CENTER FEED

### LAMP DATA Lamp Data for Cirrus Suspension D1

CSDSP																						
STANDARD EFFICIENCY, 100° DIFFUSED WHITE LENS WITHOUT LOUVER																						
DESCRIPTION	2W (2.5 watts)					5W (4.4 watts)					7W (7.3 watts)					10W (9.6 watts)						
WATTS PER FOOT	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	145	159	174	200	217	251	275	341	301	341	345	375	409	450	492	563	612	531	583	637	730	794
LUMENS PER WATT (lm/w)	58	64	70	80	87	57	62	71	68	71	78	85	56	62	68	77	84	55	60	66	76	83
CRI	90+	95+	95+	85+	85+	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

CSDHP																						
HIGH EFFICIENCY, 100° DIFFUSED WHITE LENS WITHOUT LOUVER																						
DESCRIPTION	2W (2.5 watts)					5W (4.4 watts)					7W (7.3 watts)					10W (9.6 watts)						
WATTS PER FOOT	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	174	191	209	240	260	301	330	409	361	409	413	450	491	540	590	676	735	637	700	765	876	953
LUMENS PER WATT (lm/w)	69	76	84	96	104	68	75	85	82	85	94	102	67	74	81	93	100	66	73	80	91	99
CRI	90+	95+	95+	85+	85+	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

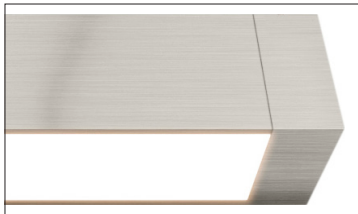
CSDWP																						
100° DIFFUSED WHITE LENS WITH WHITE LOUVER																						
DESCRIPTION	2W (2.5 watts)					5W (4.4 watts)					7W (7.3 watts)					10W (9.6 watts)						
WATTS PER FOOT	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	114	126	138	158	171	198	217	269	237	269	272	296	323	355	388	444	483	419	460	503	576	626
LUMENS PER WATT (lm/w)	46	50	55	63	69	45	49	56	54	56	62	67	44	49	53	61	66	43	48	52	60	65
CRI	90+	95+	95+	85+	85+	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

CSDBP																						
100° DIFFUSED WHITE LENS WITH BLACK LOUVER																						
DESCRIPTION	2W (2.5 watts)					5W (4.4 watts)					7W (7.3 watts)					10W (9.6 watts)						
WATTS PER FOOT	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	89	98	108	123	134	155	170	210	185	210	212	231	252	278	303	347	378	327	360	393	450	490
LUMENS PER WATT (lm/w)	36	39	43	49	54	35	38	44	42	44	48	52	35	38	42	48	52	34	37	41	47	51
CRI	90+	95+	95+	85+	85+	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

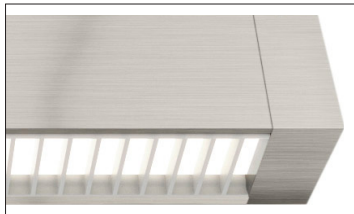
CSCWP																						
60° CLEAR FROSTED LENS WITH WHITE LOUVER																						
DESCRIPTION	2W (2.5 watts)					5W (4.4 watts)					7W (7.3 watts)					10W (9.6 watts)						
WATTS PER FOOT	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	126	139	152	174	189	218	240	297	262	297	300	326	356	392	428	490	533	462	508	555	635	691
LUMENS PER WATT (lm/w)	50	55	61	70	76	49	54	62	59	62	68	74	49	54	59	67	73	48	53	58	66	72
CRI	90+	95+	95+	85+	85+	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

CSCBP																						
60° CLEAR FROSTED LENS WITH BLACK LOUVER																						
DESCRIPTION	2W (2.5 watts)					5W (4.4 watts)					7W (7.3 watts)					10W (9.6 watts)						
WATTS PER FOOT	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	99	109	120	137	149	172	189	234	206	234	236	257	280	309	337	386	420	364	400	437	500	544
LUMENS PER WATT (lm/w)	40	44	48	55	60	39	43	49	47	49	54	58	38	42	46	53	57	38	41	46	52	57
CRI	90+	95+	95+	85+	85+	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

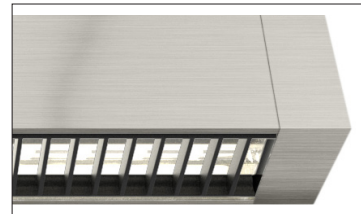
\*27D, 30D - Warm Dim (4.8 Watts)



DIFFUSED WHITE LENS



DIFFUSED WHITE LENS WITH WHITE LOUVER



CLEAR FROSTED LENS WITH BLACK LOUVER

PROJECT		FIXTURE TYPE		DATE	
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# CIRRUS SUSPENSION D1

## DOWNLIGHT WITH POWER, CENTER FEED

8', 3000K

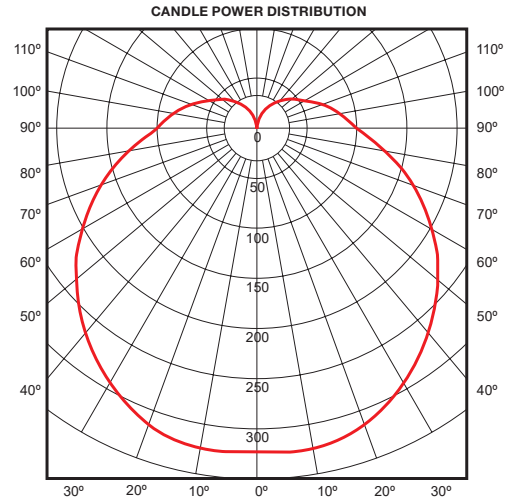
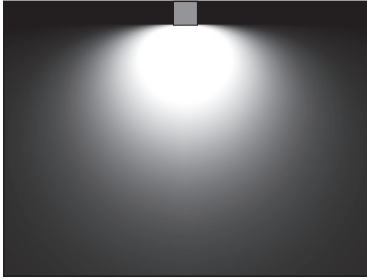
2 Watt 100°	
Distance	Foot Candles
1'	76
1.5'	49
2'	36
3'	23
4'	16
5'	12
6'	9
7'	7
8'	5

5 Watt 100°	
Distance	Foot Candles
1'	122
1.5'	80
2'	59
3'	38
4'	27
5'	20
6'	15
7'	12
8'	10

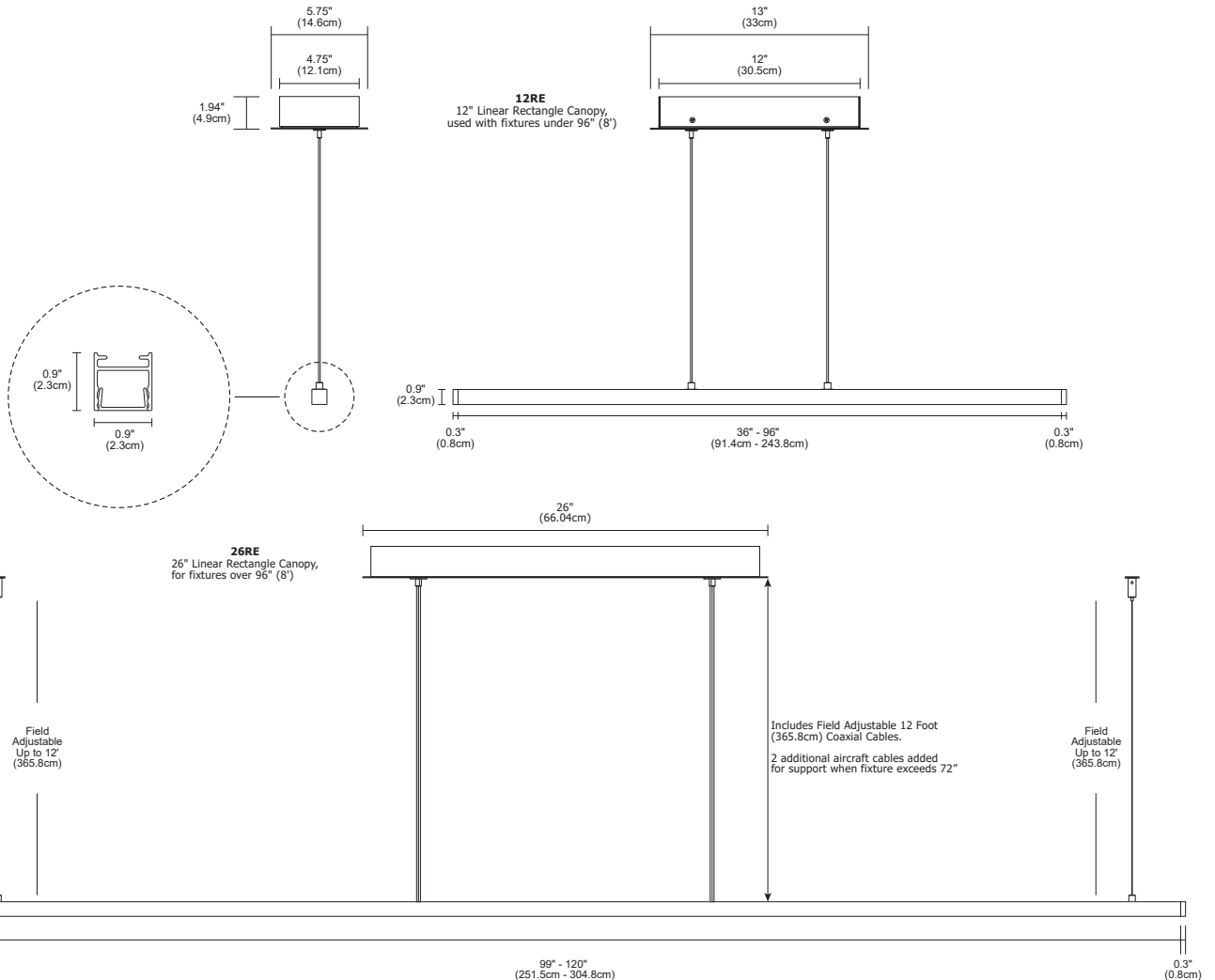
7 Watt 100°	
Distance	Foot Candles
1'	200
1.5'	131
2'	96
3'	62
4'	45
5'	33
6'	26
7'	21
8'	18

10 Watt 100°	
Distance	Foot Candles
1'	227
1.5'	148
2'	110
3'	71
4'	51
5'	38
6'	30
7'	23
8'	18

100° BEAM SPREAD



### DRAWINGS Dimension drawings for Cirrus Suspension D1



Additional adjustable cables will be required for fixtures longer than 72".

PROJECT	FIXTURE TYPE	DATE
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# CIRRUS SUSPENSION D1

## DOWNLIGHT WITH POWER, CENTER FEED

### LENGTH CHART Actual lengths for Cirrus Suspension D1

STATIC WHITE		
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	

WARM DIM 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.

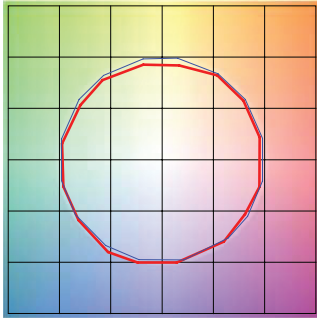
PROJECT	FIXTURE TYPE	DATE
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# SUSPENSION TM30 DATA

## DOWNLIGHT WITH POWER, CENTER FEED

**TM-30-15 DATA:** The data below is for SS2C, SS5C, SS7C, and SS10C 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.

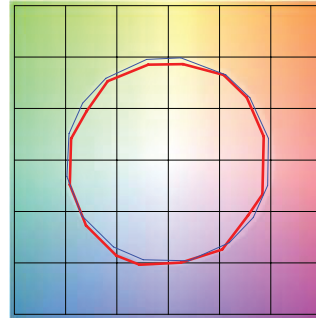
**2400K** | Rf: 91.2 | Rg: 96.8  
Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.0	-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	-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%

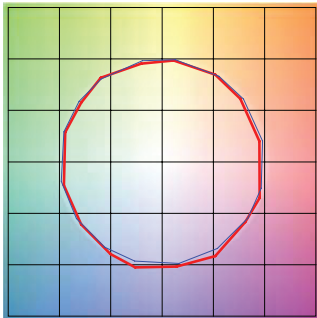
**2700K** | Rf: 87.7 | Rg: 96.1  
Color Vector Graphic



■ 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%

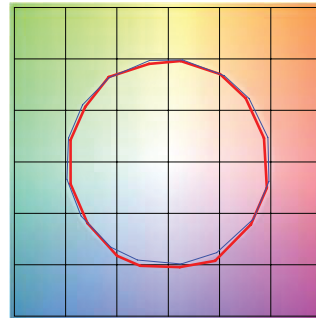
**3000K** | Rf: 88.1 | Rg: 99.7  
Color Vector Graphic



■ 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%

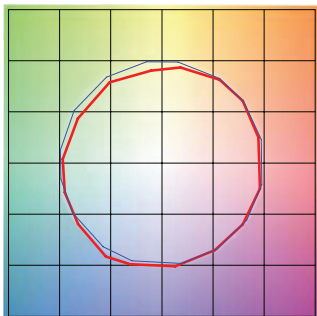
**3500K** | Rf: 86.1 | Rg: 95.5  
Color Vector Graphic



■ 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%

PROJECT	FIXTURE TYPE	DATE
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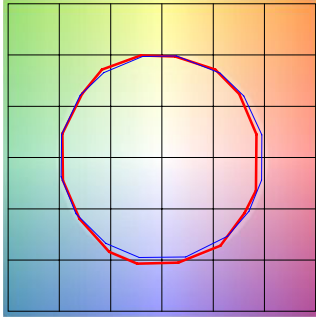
# SUSPENSION TM30 DATA

## DOWNLIGHT WITH POWER, CENTER FEED

**TM-30-15 DATA:** The data below is for SS5C and SS7C 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.

**2700D** | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

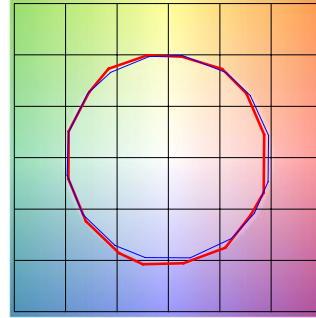


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.8	-5.1%	1.4%
2	89.8	-2.7%	4.1%
3	87.2	0.3%	5.9%
4	92.3	-0.9%	1.0%
5	93.3	1.5%	1.7%
6	92.4	3.6%	-0.2%
7	92.2	-0.9%	-2.4%
8	96.7	-0.4%	-1.1%
9	92.3	-1.2%	3.7%
10	88.9	-0.0%	6.1%
11	86.4	5.1%	7.4%
12	88.2	6.3%	-0.9%
13	87.2	3.8%	-8.1%
14	84.2	3.8%	-11.0%
15	89.8	-2.6%	-4.3%
16	82.7	-3.4%	-11.1%

**3000D** | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

PROJECT	FIXTURE TYPE	DATE
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