

**Description:** Verge Door Frame, a Slim, plaster-in aluminum channel with 4 inch paintable aluminum backer plate. Emits ambient light for dramatic illumination of single door or double-door frames. The 24VDC linear LED system mounts directly to studs without joist modification and plasters into 5/8 inch or thicker drywall. Verge Door Frame is available for single-door or double-door frame sizes. Several color temperature options are available, including 22K – 57K (ELV/010), Warm Dim (ELV), Tunable White (ELV/010/DMX), RGB and RGBW (DMX). High CRI commercial-grade white or dynamic color-changing LED Soft Strip projects a clean line of light. Coordinate installation with electrician and drywall contractors. Includes a 5-year pro-rated warranty.

**Design Note:** Verge Door Frame can be installed around single doors or double door frames. Channel is pre-cut to maximum height specified in ordering code size options. Ambient and harmonious, the plaster-in LED system blends into 5/8 inch thick drywall to enhance the contemporary aesthetic of interior spaces. Verge offers unsurpassed flexibility that transforms interiors into thoughtful, unique works of art.

**Applications:** Indoor damp or dry locations only. Wall or ceiling mount used in corners, coves, windows, skylights for hospitality, retail and residential

**Lamp:** The average LED Life is 50,000 hours

Watts per Foot	Lumens per Watt	85+CRI 22K, 35K, 40K, 57K	90+CRI 2K4K	92+CRI 27D, 30D	95+CRI 27K, 30K	RGB
2WDC (2.5WDC)	57 186	•			•	
3WDC	N/A N/A					•
5WDC	N/A N/A	•	•	•	•	

Lumen values are based on the 3000K LED test.

**Remote Power Supplies\*, Dimmers & Controls (Sold Separately):**

- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- Dynamic Color Changing (DMX)

\*In-Wall Mounting Kits available for select power supplies

**Included Components:** (2) Junction Box, Adjustable Mounting Bars, (2) Backer Plates, (2) Verge Corner Channels, Drywall Screws, (2) LED Soft Strips, and (2) Lenses

ORDERING CODE						
System	Watts per Foot	Size	Color Temperature			
<b>VGDF</b>	-	<b>2WDC</b>	-	<b>S</b>	-	<b>27K</b>
<b>VGDF</b> Verge Door Frame	<b>2WDC</b> 2.5 Watts <b>3WDC</b> 3 Watts (35 foot max) <b>5WDC</b> 5 Watts (20 foot max)	<b>S</b> Single Frame (18-22 feet) <b>D</b> Double Frame (23-27 feet)	<b>22K</b> 2200K Amber White <b>27K</b> 2700K Very Warm White <b>27D</b> 2700K Warm Dim (5WDC only) <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim (5WDC only) <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White <b>57K</b> 5700K Daylight White <b>2K4K</b> 2000K-4000K Tunable White (5WDC, Single Frame only) <b>RGB</b> Red, Green, and Blue (3WDC only)			

For custom design and layout assistance, send drawings to design@PureEdgeLighting.com

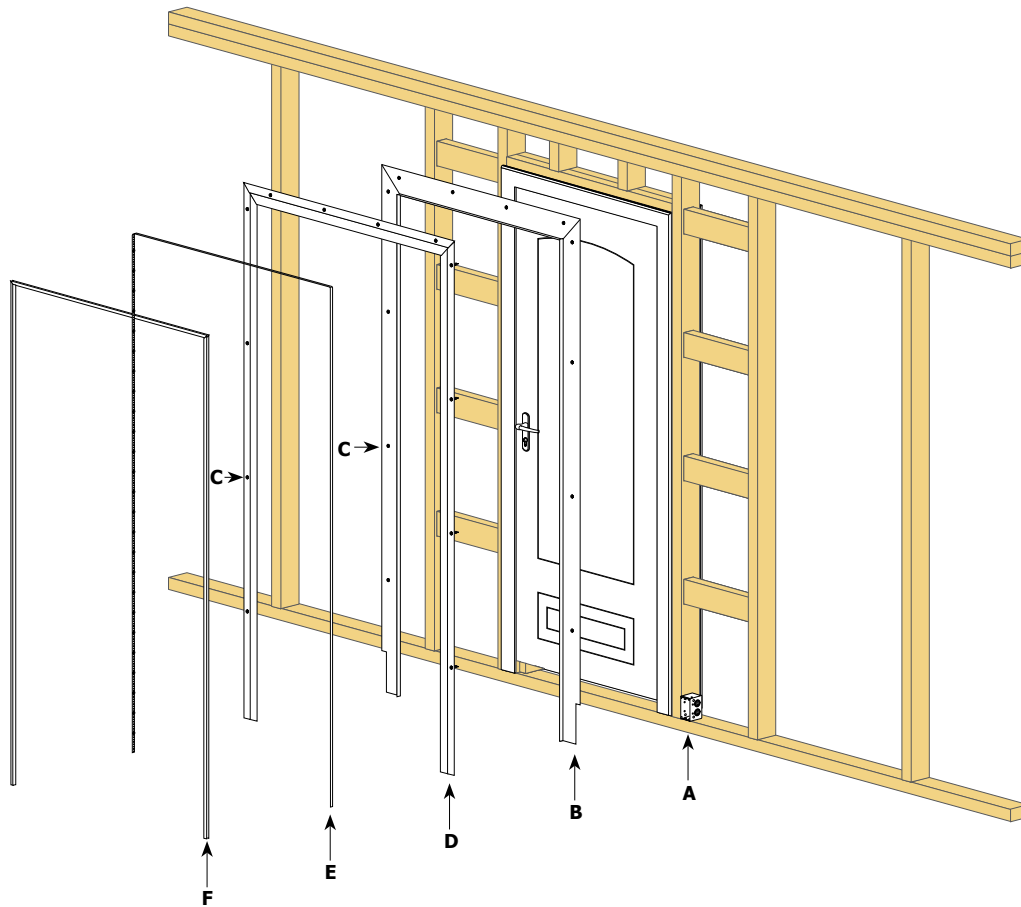
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PROJECT		APPROVED BY			

Product specification subject to change without notification. REV.04.06.17





INCLUDED COMPONENTS



**A. Junction Box:** Mounts behind drywall with Adjustable Mounting Bars. Low voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is covered by the Backer Plate, and required at the beginning of each run.

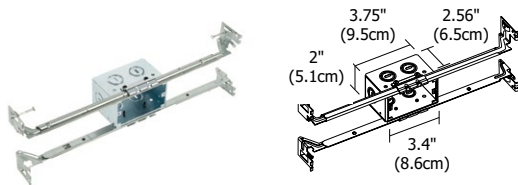
**B. Backer Plate:** 4-inch paintable aluminum plate that conceals Junction Box and reflects light.

**C. Drywall Screws:** Secure channel to drywall.

**D. Verge Door Frame Channel:** 5/8 inch deep extrusion houses a single row of commercial-grade white or dynamic color-changing LED Soft Strip.

**E. LED Soft Strip:** Commercial grade white or dynamic color-changing LED Soft Strip.

**F. Lens:** 0.6 inch wide diffuser lens projects a clean line of light without LED dots.



**Junction Box:** One Junction Box is included with Verge Door Frame. Order additional Junction Box separately to rough-in electrical wiring before drywall installation. Quick shipment available.

System	Size	Component
<b>VG</b>	-	<b>1RE</b>
<b>VG</b> Verge	<b>1RE</b> 1" Rectangle	<b>JBOX</b> Junction Box

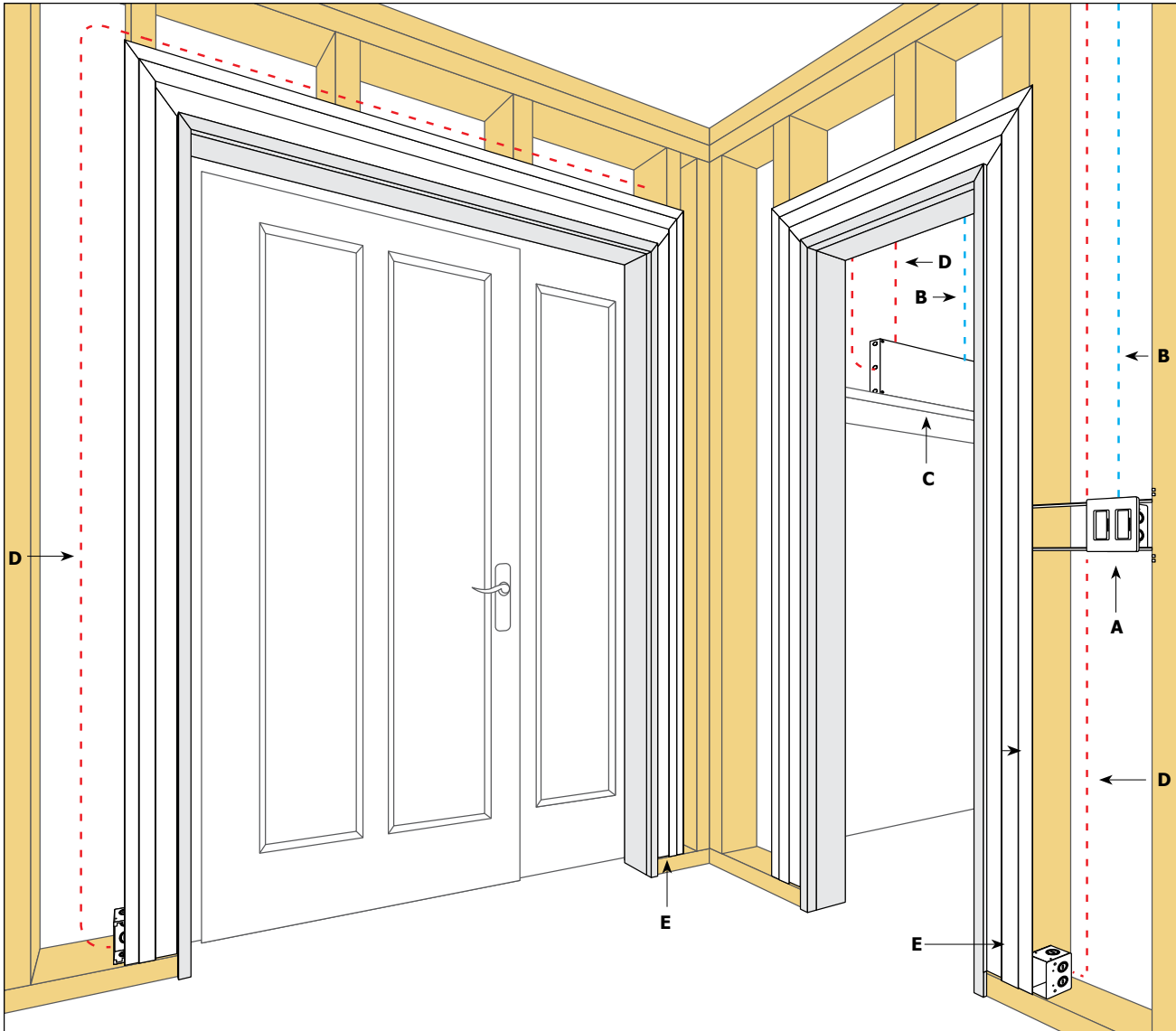
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PROJECT		APPROVED BY			

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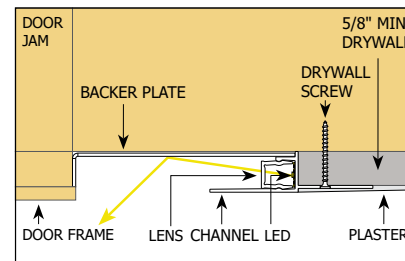




INSTALLATION



- A. Dimmer or Switch
- B. 120VAC wiring
- C. 120V/24VDC remote power supply for In-Wall Mounting Kit
- D. 24VDC, Class 2 wiring
- E. Verge Door Frame Channel



■ Direction of Light

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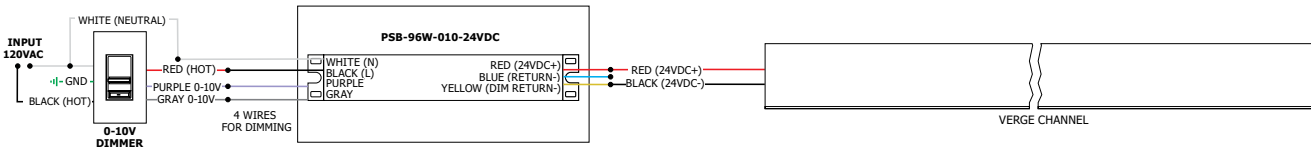
COMPANY		FIXTURE TYPE		DATE	
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**Application:** 0-10V dimming for Verge Door Frame Channel  
**Power Supply:** PSB-96W-010-24VDC (24VDC 96W output) | PSB-2X96W-010-24VDC (24VDC 2X96W output).  
**Dimming:** Radio Ra2 (with GRX-TVI), Grafik Eye Qs (with GRX-TVI), Diva (with PP20); Nova T; Philips: Sunrise SR1200ZTUNV; Leviton: IP710-LF.



### 2.5 WATTS PER FOOT - 22K, 27K, 30K, 35K, 40K AND 57K WHITE LEDS

LENGTH IN FEET	WATTS
1	3
2	5
3	8
4	10
5	13
6	15
7	17
8	20
9	22
10	25

LENGTH IN FEET	WATTS
11	27
12	29
13	32
14	34
15	37
16	39
17	41
18	44
19	46
20	48

LENGTH IN FEET	WATTS
21	51
22	54
23	56
24	58
25	61
26	63
27	66
28	68
29	70
30	73

LENGTH IN FEET	WATTS
31	75
32	78
33	80
34	82
35	85
36	87
37	90
38	92
39	94
40	96

### 5 WATTS PER FOOT - 22K, 27K, 27D, 30K, 30D, 35K, 40K AND 57K WHITE LEDS

LENGTH IN FEET	WATTS
1	5
2	10
3	14
4	19
5	24

LENGTH IN FEET	WATTS
6	29
7	34
8	38
9	43
10	48

LENGTH IN FEET	WATTS
11	53
12	58
13	63
14	67
15	72

LENGTH IN FEET	WATTS
16	77
17	82
18	87
19	91
20	96

COMPANY		FIXTURE TYPE		DATE	
PROJECT		APPROVED BY			





**5 WATTS PER FOOT - 2K4K TUNABLE WHITE LEDS**

LENGTH IN FEET	2K WATTS	4K WATTS
1	3	3
2	5	5
3	8	8
4	10	10
5	12	12
6	15	15
7	17	17

LENGTH IN FEET	2K WATTS	4K WATTS
8	20	20
9	22	22
10	24	24
11	27	27
12	29	29
13	32	32
14	34	34

LENGTH IN FEET	2K WATTS	4K WATTS
15	36	36
16	39	39
17	41	41
18	44	44
19	46	46
20	48	48

**3 WATTS PER FOOT - RGB LEDS**

LENGTH IN FEET	WATTS
1	3
2	6
3	8
4	11
5	13
6	16
7	19
8	21
9	24

LENGTH IN FEET	WATTS
10	26
11	29
12	32
13	34
14	37
15	39
16	42
17	45
18	47

LENGTH IN FEET	WATTS
19	50
20	52
21	55
22	58
23	60
24	63
25	65
26	68
27	71

LENGTH IN FEET	WATTS
28	73
29	76
30	78
31	81
32	84
33	86
34	89
35	91

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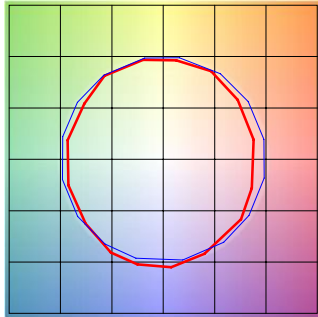




**TM-30-15 DATA:** The data below is for SS2C and SS5C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

**2200K** | Rf: 83.9 | Rg: 94.9

COLOR VECTOR GRAPHIC

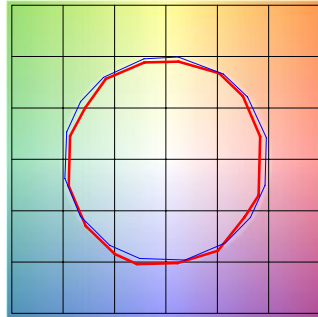


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%
15	85.1	-4.4%	-7.5%
16	75.0	-9.9%	-12.0%

**2700K** | Rf: 87.7 | Rg: 96.1

COLOR VECTOR GRAPHIC

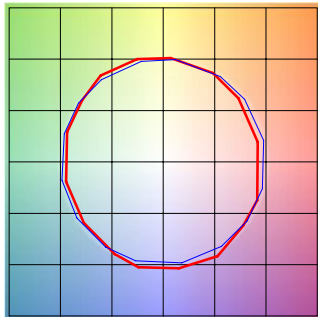


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.4	-5.6%	2.3%
2	89.7	-3.3%	3.1%
3	90.5	-1.5%	3.8%
4	90.0	-4.3%	1.1%
5	92.9	-3.7%	0.2%
6	93.5	-2.5%	-0.8%
7	86.3	-7.2%	2.5%
8	90.7	-4.0%	3.2%
9	85.2	-2.4%	8.1%
10	81.7	0.9%	10.8%
11	85.4	4.5%	8.9%
12	88.7	5.7%	-1.4%
13	88.3	1.3%	-7.9%
14	85.1	2.4%	-10.4%
15	88.1	-4.8%	-2.7%
16	81.7	-4.3%	-10.9%

**3000K** | Rf: 88.1 | Rg: 99.7

COLOR VECTOR GRAPHIC

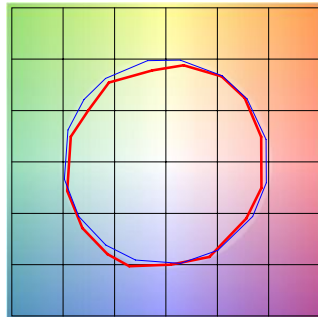


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.9%	-0.3%
2	87.9	-4.4%	4.3%
3	82.9	-1.2%	7.9%
4	89.9	0.6%	4.7%
5	92.7	3.0%	3.5%
6	92.7	3.6%	-1.7%
7	90.8	-1.3%	-4.4%
8	93.7	-2.5%	-2.2%
9	91.7	-3.7%	2.3%
10	85.5	-2.8%	7.8%
11	83.3	0.7%	11.0%
12	86.4	5.5%	3.8%
13	90.6	4.6%	-3.6%
14	85.6	5.9%	-8.4%
15	89.5	-0.6%	-5.7%
16	82.6	-2.7%	-12.0%

**3500K** | Rf: 86.1 | Rg: 95.5

COLOR VECTOR GRAPHIC

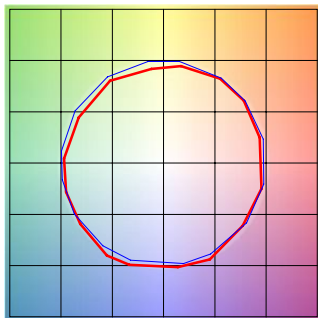


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%
15	83.4	-4.1%	-5.3%
16	82.5	-3.6%	-5.7%

**4000K** | Rf: 87.6 | Rg: 96.8

COLOR VECTOR GRAPHIC

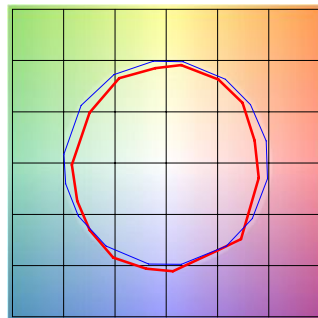


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	89.0	-3.1%	2.1%
2	93.2	-0.9%	1.3%
3	94.3	-1.1%	0.7%
4	89.5	-4.0%	-2.3%
5	87.6	-7.8%	-1.8%
6	92.2	-4.6%	0.1%
7	87.4	-6.6%	3.6%
8	85.7	-3.8%	7.0%
9	81.5	-1.3%	12.4%
10	80.0	0.9%	11.4%
11	83.3	5.9%	8.7%
12	89.7	4.8%	-0.3%
13	88.5	2.4%	-6.3%
14	92.7	4.0%	-3.8%
15	86.1	-1.6%	-4.5%
16	85.0	-1.4%	-5.0%

**5700K** | Rf: 80.3 | Rg: 91.5

COLOR VECTOR GRAPHIC



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	73.8	-11.2%	2.6%
2	83.7	-5.5%	5.8%
3	84.2	-4.0%	5.5%
4	85.8	-3.5%	1.3%
5	85.3	-7.1%	0.6%
6	89.2	-5.8%	-2.2%
7	81.5	-10.7%	1.2%
8	75.7	-9.7%	8.5%
9	74.9	-7.8%	18.8%
10	67.8	-1.6%	18.0%
11	76.1	5.5%	12.0%
12	90.8	4.9%	-1.6%
13	83.6	5.0%	-9.5%
14	81.7	-1.2%	-10.0%
15	69.0	2.0%	-22.8%
16	83.2	-8.5%	-1.0%

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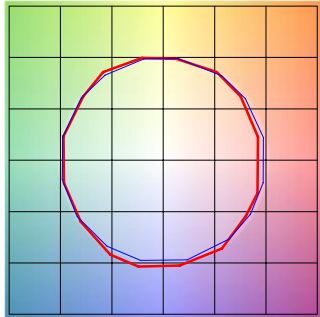
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**TM-30-15 DATA:** The data below is for SS2C and SS5C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

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

COLOR VECTOR GRAPHIC

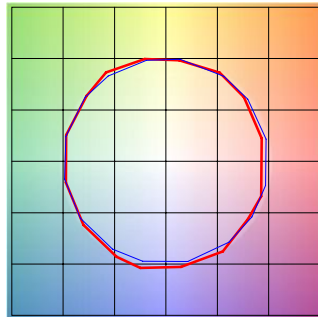


■ Test ■ Reference

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

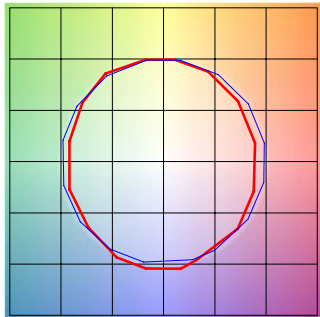


■ Test ■ Reference

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%

**2000K only (2K4K)** | Rf: 84.3 | Rg: 96.9

COLOR VECTOR GRAPHIC

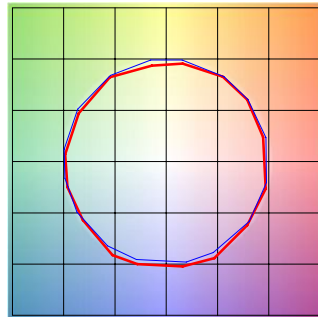


■ Test ■ Reference

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%

**4000K only (2K4K)** | Rf: 89.6 | Rg: 99.1

COLOR VECTOR GRAPHIC

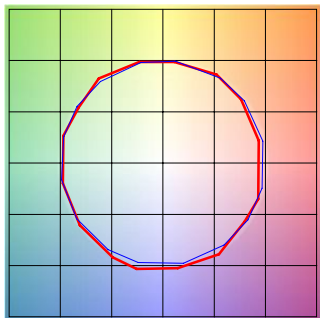


■ Test ■ Reference

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%

**2K4K (3000K)** | 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%



COMPANY		FIXTURE TYPE		DATE	
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