



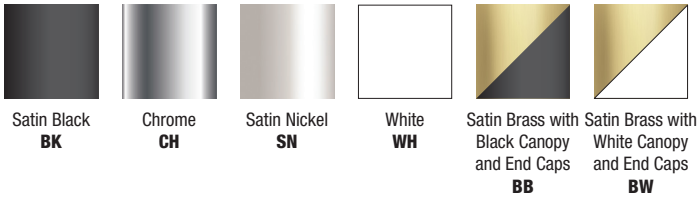
### DESCRIPTION

Nova Up and Down Center Feed is a linear LED suspension that offers Direct and Indirect light in a clean and contemporary style with an architectural aesthetic. The Downlight features two options; a Diffused White Lens with a 100° beam spread or a Clear Frosted Lens with a 60° beam spread, the Uplight has a Clear Frosted 60° Lens. Both the Up and Downlights are Dimmable to any level independently or, in perfect unison. Available in various increments from 36" to 120", the Nova Up and Downlight is perfectly sized for any space. Choose from several Metal finishes and nine standard Color Temperatures ranging from 2200K to 5700K, including two Warm Dim options of 2700K (**27D**) or 3000K (**30D**) that dim down to 2000K. Optional Black or White Louvers are available for additional Diffusion and Fast Jack 12V Port Canopy (**C1**) for mounting Fast Jack fixtures to easily accommodate a variety of moods and tasks. Fixture includes 5 year pro-rated warranty. For custom designs and quotes, send drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### INSTALLATION

- 7W and 10W versions include a 12" Rectangular Canopy used for sizes 36" - 96", a 26" Rectangular is used for sizes 99"-120". The 12W includes a 12" Rectangular Canopy for sizes 36" - 60", and a 26" Rectangular Canopy is used for longer lengths.
- Optional Fast Jack 12V Port (**C1**) for mounting Fast Jack 12V fixtures
- Includes adjustable 12 foot coaxial cables (2 additional aircraft cables added for support when fixture exceeds 84")

### FINISHES



### LENSES

- Downlight - Diffused White 100° Lens or Clear Frosted 60° Lens with White or Black Louver
- Uplight - Clear Frosted 60° Lens

### LAMP

- Choose from 9 color temperatures from 2200K-5700K, including Warm Dim
- Designer Grade Color Rendering 95+ CRI LEDs
- Warm Dim (optional) - 2700K to 2000K (**27D**) or 3000K to 2000K (**30D**) 10 watt only
- Average LED life: 60,000 hrs

### ELECTRICAL

- Universal power supply in Canopy
- Power: 120V/24V Uni-Drivers
- Optional Fast Jack Power Supply; 12VAC electronic low voltage LED power supply
- Dimming: Dual ELV, Triac (Magnetic) or 0-10V dimming

### WARRANTY 5 Year Pro-Rated

### APPLICATIONS

Designed for indoor use only. Ideal applications include Residential, Commercial, Retail, and Hospitality environments.

### APPROVALS

Damp Location Suitable, ETL listed, Made in America

System	Wattage Per Foot	Power Canopy	Nominal Size	Color Temperature	Finish
<b>NSUDDP</b>	<b>7W</b>	<b>C</b>	<b>120</b>	<b>22K</b>	<b>SN</b>
<b>NSUDDP</b> Nova Suspension Up/Down Diffused Lens, with Power <b>NSUDDWP</b> Nova Suspension Up/Down Diffused with White Louver, with Power <b>NSUDDBP</b> Nova Suspension Up/Down Diffused with Black Louver, with Power <b>NSUDCWP</b> Nova Suspension Up/Down Clear Frosted Lens with White Louver, with Power <b>NSUDCBP</b> Nova Suspension Up/Down Clear Frosted Lens with Black Louver, with Power	<b>7W</b> 7.3 Watt 24VDC, 120"(10ft) max length (2.5W up and 5W down) <b>10W</b> 10 Watt 24VDC, 120"(10ft) max length (5W up and 5W down) <b>12W</b> 12 Watt 24VDC, 120"(10ft) max length (5W up and 7.5W down)	<b>C</b> Center Feed Canopy <b>C1</b> Center Feed Canopy with Fast Jack Port	<b>36 - 120</b> Order in various increments from 36" to 120".  *Maximum shipping length is 84" for chrome **See length chart for exact dimensions	<b>22K</b> 2200K Amber White <b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>27D</b> 2700K Warm Dim (10W only) <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim (10W only) <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White <b>57K</b> 5700K Daylight White	<b>BK</b> Satin Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>BB</b> Satin Brass with Black Canopy and End Caps <b>BW</b> Satin Brass with White Canopy and End Caps

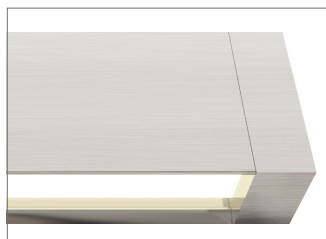
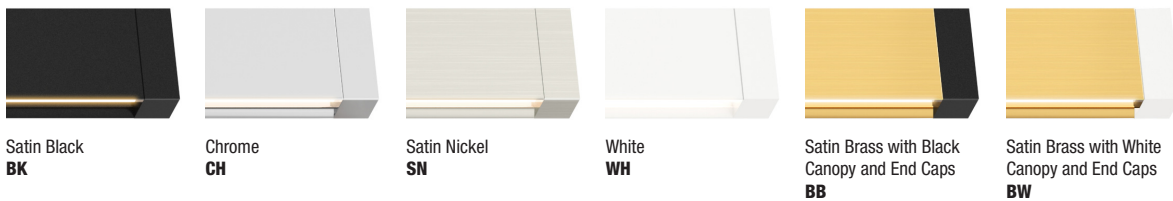
PROJECT	FIXTURE TYPE	DATE
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**Length Chart: Actual lengths for Nova Suspension Up and Down with Power - Center Feed**

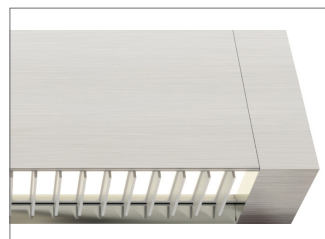
22K, 24K, 27K, 30K, 35K, 40K & 57K					
Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)	Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)
36	37.4	37.4	80	80.6	80.6
39	39.8	39.8	82	83.0	83.0
41	42.2	42.2	84*	85.4	85.4
44	44.6	44.6	87	87.8	88.2
46	47.0	47.0	89	90.2	90.6
48	49.4	49.4	92	92.6	93.0
51	51.8	51.8	94	95.0	95.4
53	54.2	54.2	96	97.4	97.8
56	56.6	56.6	99	99.8	100.2
58	59.0	59.0	101	102.2	102.6
60	61.4	61.4	104	104.6	105.0
63	63.8	63.8	106	107.0	107.4
65	66.2	66.2	108	109.4	109.8
68	68.6	68.6	111	111.8	112.2
70	71.0	71.0	113	114.2	114.6
72	73.4	73.4	116	116.6	117.0
75	75.8	75.8	118	119.0	119.4
77	78.2	78.2	120	121.4	121.8

27D & 30D					
Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)	Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)
36	37.4	37.4	81	82.4	82.4
39	40.4	40.4	84*	85.4	85.4
42	43.4	43.4	87	88.4	88.8
45	46.4	46.4	90	91.4	91.8
48	49.4	49.4	93	94.4	94.8
51	52.4	52.4	96	97.4	97.8
54	55.4	55.4	99	100.4	100.8
57	58.4	58.4	102	103.4	103.8
60	61.4	61.4	105	106.4	106.8
63	64.4	64.4	108	109.4	109.8
66	67.4	67.4	111	112.4	112.8
69	70.4	70.4	114	115.4	115.8
72	73.4	73.4	117	118.4	118.8
75	76.4	76.4	120	121.4	121.8
78	79.4	79.4			

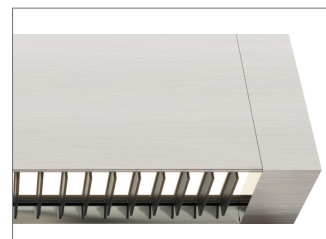
\*84" Max Shipping length for Chrome

**CHANNEL FINISHES**


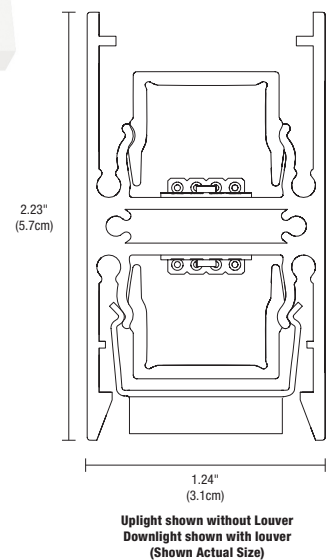
Shown without Louver



Shown with White Louver



Shown with Black Louver



PROJECT	FIXTURE TYPE	DATE
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**Lamp Data:** Lamp data for Uplight Channel

NSUDDP, NSUDDWP, NSUDDBP, NSUDCWP, NSUDCBP																
DESCRIPTION	60° Clear Frosted Lens - Uplight															
	2w (2.5 watts)							5w (5 watts)								
WATTS PER FOOT																
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K
LUMENS PER FOOT (lm/ft)	165	183	202	221	253	275	293	286	317	349	432	381	432	436	474	504
LUMENS PER WATT (lm/w)	66	73	81	88	101	110	117	65	72	79	90	86	90	99	107	114
CRI	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	92+	95+	92+	85+	85+	85+

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

**Lamp Data:** Lamp data for Downlight Channel

NSUDDP																
DESCRIPTION	100° Diffused White Lens (without Louver)															
	5w (5 watts)							7w (7.5 watts)								
WATTS PER FOOT																
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	238	264	290	359	317	359	363	395	420	389	431	475	518	593	645	687
LUMENS PER WATT (lm/w)	54	60	65	75	72	75	83	89	95	53	59	65	71	81	88	94
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	85+	90+	95+	95+	85+	85+

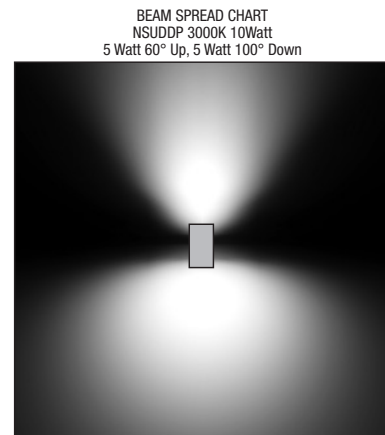
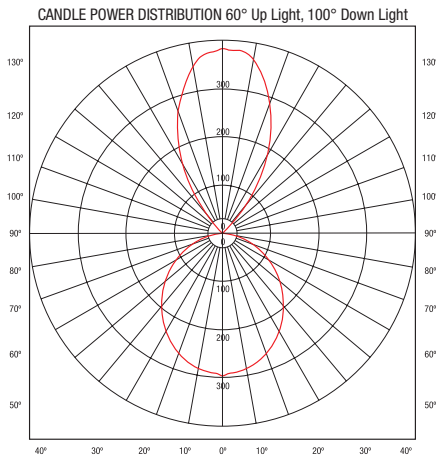
NSUDDWP																
DESCRIPTION	100° Diffused White Lens with White Louver															
	5w (5 watts)							7w (7.5 watts)								
WATTS PER FOOT																
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	166	185	203	252	222	252	254	276	294	272	302	332	363	415	452	481
LUMENS PER WATT (lm/w)	38	42	46	52	50	52	58	63	67	37	41	45	50	57	62	66
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	85+	90+	95+	95+	85+	85+

NSUDDBP																
DESCRIPTION	100° Diffused White Lens with Black Louver															
	5w (5 watts)							7w (7.5 watts)								
WATTS PER FOOT																
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	104	116	127	157	139	157	159	173	184	170	189	208	227	260	283	301
LUMENS PER WATT (lm/w)	24	26	29	33	31	33	36	39	42	23	26	28	31	36	39	41
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	85+	90+	95+	95+	85+	85+

NSUDCWP																
DESCRIPTION	60° Clear Frosted Lens with White Louver															
	5w (5 watts)							7w (7.5 watts)								
WATTS PER FOOT																
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	200	222	244	302	267	302	305	332	353	327	363	399	436	499	543	578
LUMENS PER WATT (lm/w)	45	50	55	63	60	63	69	75	80	45	50	55	60	68	74	79
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	85+	90+	95+	95+	85+	85+

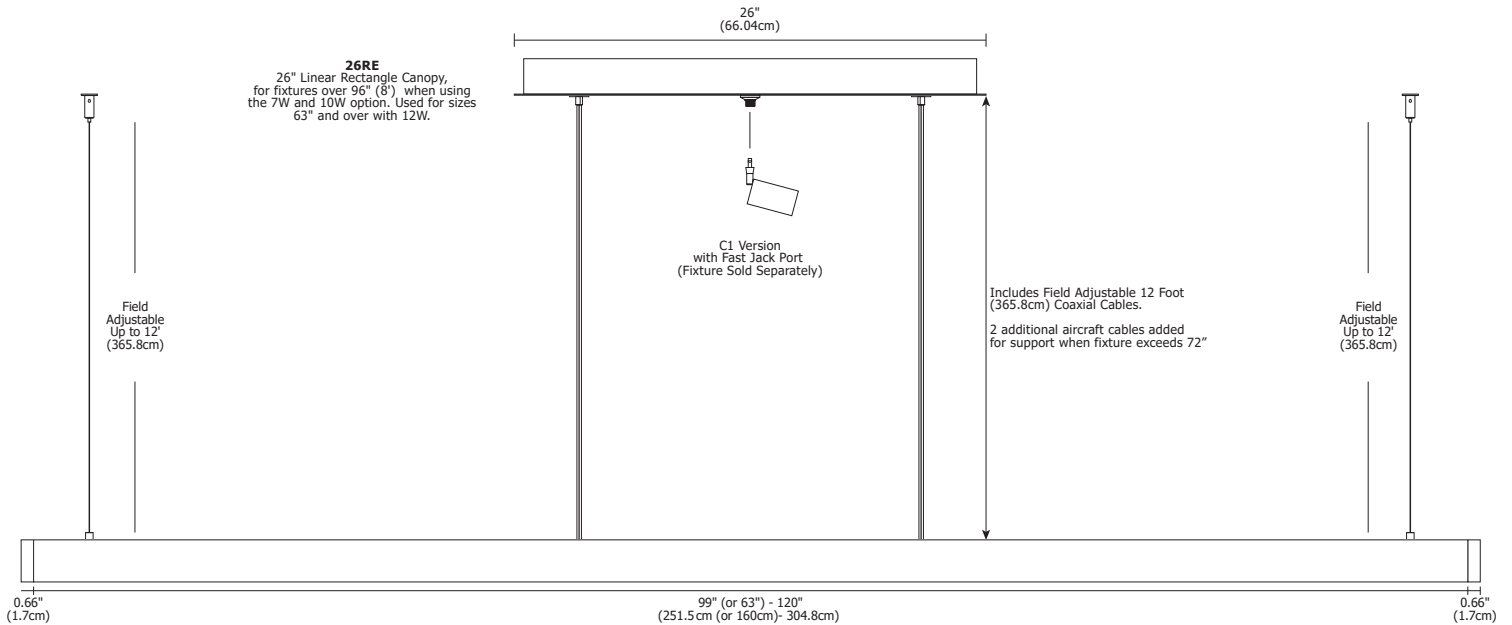
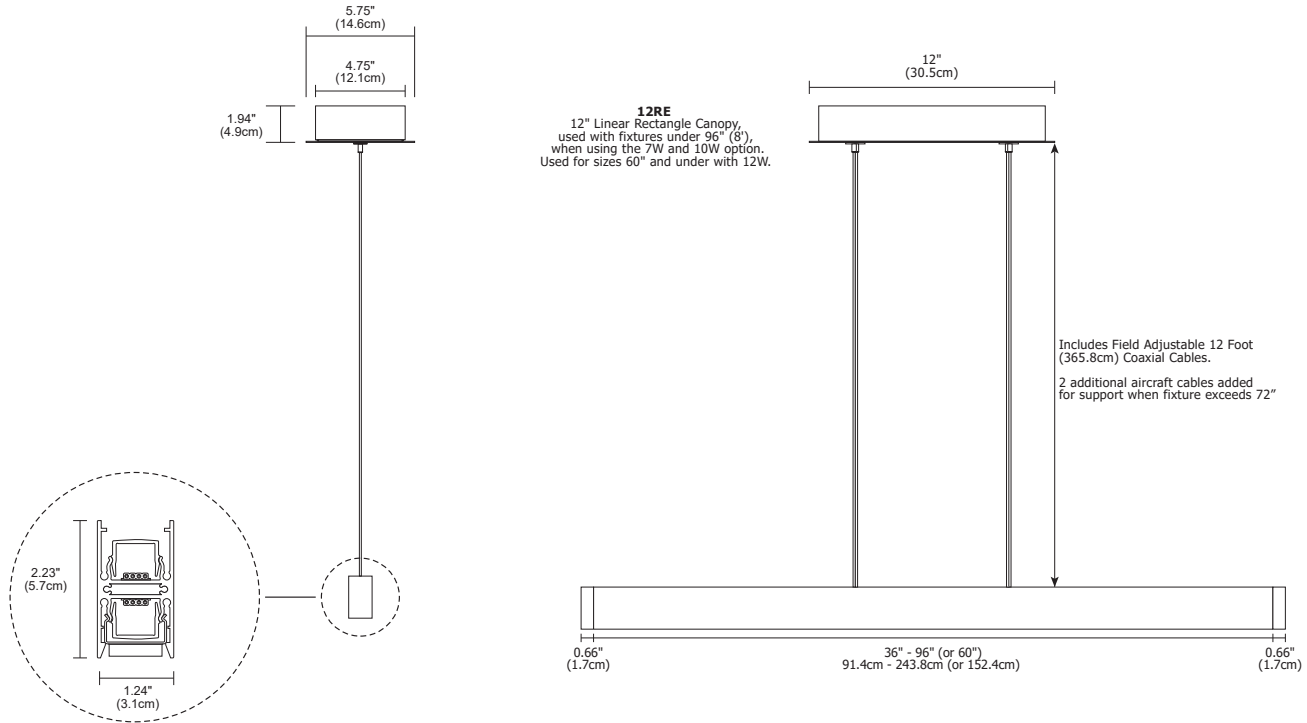
NSUDCBP																
DESCRIPTION	60° Clear Frosted Lens with Black Louver															
	5w (5 watts)							7w (7.5 watts)								
WATTS PER FOOT																
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	125	139	153	189	167	189	191	208	221	204	227	250	273	312	339	361
LUMENS PER WATT (lm/w)	28	31	34	39	38	39	43	47	50	28	31	34	37	43	46	49
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	85+	90+	95+	95+	85+	85+

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



PROJECT		FIXTURE TYPE		DATE	
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**Drawings:** Canopy and Channel Sizes for the Nova Suspension Up and Down with Power - Center Feed

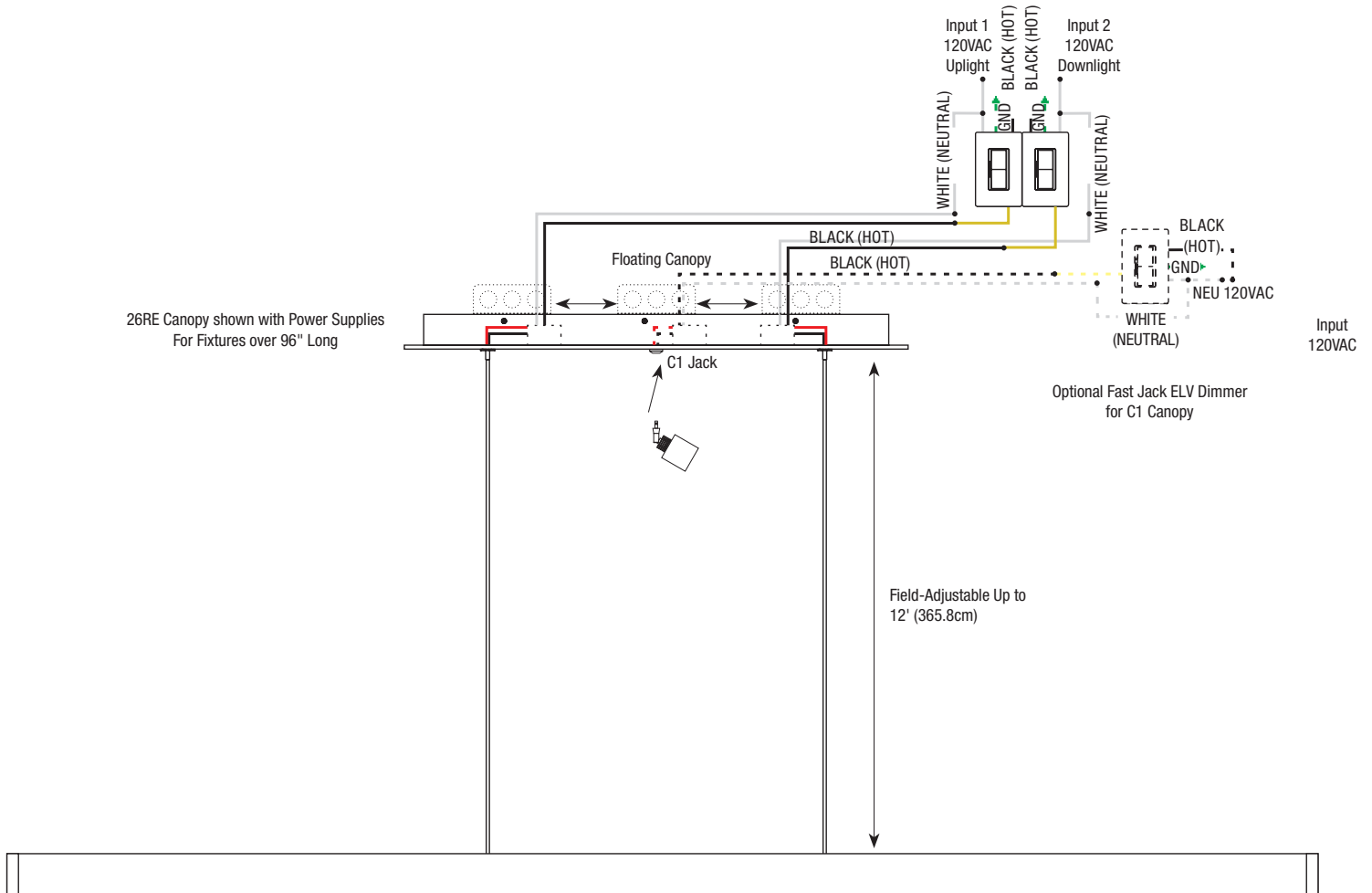


PROJECT	FIXTURE TYPE	DATE
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**Wiring Diagram:** Wiring diagram for an ELV Dimmer

**Application:** ELV dimming for Nova Suspension Up and Down with Power - Center Feed with Fast Jack Port (C1) and fixture over 8' use 26RE Canopy

**Dimming:** Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU;  
Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



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# NOVA UP AND DOWN CENTER FEED

## 24VDC LED SUSPENSION WITH POWER



**FJ-SCO-1-PN**  
 Fast Jack Scope LED  
 9W, 315 lumens 3000K  
 (adjustable beam spread  
 from 20°-50°)  
 Fixture Finishes: SN, PN, BZ, WH



**FJ-PST-SP-1-30K-SN**  
 Fast Jack Piston  
 9W, 650 lumens  
 SP 15°, NF 25°, FL 35°  
 & WF 45° Beam Spreads  
 Fixture Finishes: SN, WH



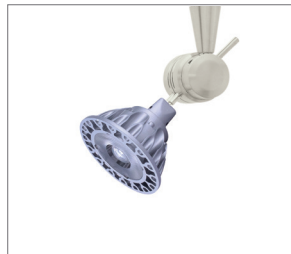
**FJ-FOR-SQ-3-PN**  
**FJ-FOR-RD-3-PN**  
 Fast Jack Form Round or Square  
 Fixture Finishes: SN, PN



**FJ-FOR-2RD-3-SN**  
**FJ-FOR-2SQ-3-SN**  
 Fast Jack Form  
 Round or Square 2-Head  
 Fixture Finishes: SN, PN



**FJ-REB-1-PN**  
 Fast Jack Rebel  
 Fixture Finishes: SN, PN, BZ, WH



**FJ-CHO-1-SN**  
 Fast Jack Chopper with LED  
 Fixture Finishes: SN, PN, BZ



**FJ-SPI-3-PN with S1-PN**  
 Fast Jack Spirit, S1 Shade  
 Fixture Finishes: SN, PN, BZ  
 S1 Shade Finishes: SN, PN, BZ, BK



**FJ-LOW-1-SN with S1-SN**  
 Fast Jack Low Rider, S1 Shade  
 Fixture Finishes: SN, PN, BZ  
 S1 Shade Finishes: SN, PN, BZ, BK

### FAST JACK FIXTURE & SHADE FINISHES


<b>SN</b>	Satin Nickel	<b>PN</b>	Polished Nickel	<b>BZ</b>	Antique Bronze	<b>WH</b>	White	<b>BK</b>	Black
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# 12VAC LED MR16

REV 08.19.21

## SOL LIGHT WARM DIM


Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	MR16-12V-8W-FL-27KWDH-SL	8	97+	85	36	30,000	2700K dims to 1800K	390	50	12V	Low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-FL-30KWDH-SL	8	97+	85	36	30,000	3000K dims to 1800K	427	55	12V	Low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-NF-27KWDH-SL	8	97+	85	24	30,000	2700K dims to 1800K	410	53	12V	Low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-NF-30KWDH-SL	8	97+	85	24	30,000	3000K dims to 1800K	450	58	12V	Low flicker <1% CE, UL, NOM	50

## SORAA BRILLIANT HIGH LUMEN 2700K COLOR TEMPERATURE

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10D-827-H1*	8	90	80	10	35,000	8,000	575	77	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-25D-827-H1	8	90	80	25	35,000	3,710	600	80	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-36D-827-H1	8	90	80	36	35,000	1,550	600	80	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75


\*Use with Snap Lens

## SORAA VIVID 2700K COLOR TEMPERATURE INDOOR/OUTDOOR


Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10d-927-03*	8	95	95	10	35,000	5,710	390	52	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-25D-927-03	8	95	95	25	35,000	2,260	410	55	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-36D-927-03	8	95	95	36	35,000	1,070	410	55	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50

\*Use with Snap Lens

## SORAA HEALTHY

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SH-MR16-07-36D-27-01-X2	8	80	90	36	25,000	1,020	400	53	12V +/- 1.2V	UL/CUL, FCC Title 47 Part 15B, RoHS	50

## SORAA BRILLIANT HIGH LUMEN 3000K COLOR TEMPERATURE

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10D-830-H1*	8	90	80	10	35,000	8,400	600	80	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-25D-830-H1	8	90	80	25	35,000	3,300	630	84	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-36D-830-H1	8	90	80	36	35,000	1,650	630	84	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75

\*Use with Snap Lens

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# 12VAC LED MR16

REV 08.19.21

## SORAA VIVID 3000K COLOR TEMPERATURE MR16 INDOOR/OUTDOOR

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10D-930-03*	8	95	95	10	35,000	6,000	410	55	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-25D-930-03	8	95	95	25	35,000	2,400	435	58	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-36D-930-03	8	95	95	36	35,000	1,130	435	58	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50

\*Use with Snap Lens

## SORAA VIVID 4000K COLOR TEMPERATURE MR16 INDOOR/OUTDOOR

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10D-940-03*	8	95	95	10	35,000	6,290	430	57	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-25D-940-03	8	95	95	25	35,000	2,510	455	61	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-36D-940-03	8	95	95	36	35,000	1,190	455	61	12V +/- 1.2V	UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50

\*Use with Snap Lens

## SATCO 3500K COLOR TEMPERATURE MR16 INDOOR/OUTDOOR

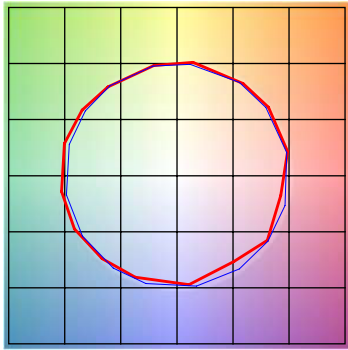
Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	S8637	8	90+	N/A	15	25,000	6,290	430	61	12	UL/CUL, FCC Title 47 Part 15B, RoHS, Lawful for sale in California	75
	S8642	8	90+	N/A	40	25,000	2,510	455	61	12	UL/CUL, FCC Title 47 Part 15B, RoHS, Lawful for sale in California	75

8MR16/LED/40°/35K/90CRI/12V 8 watt; LED MR16; 3500K; 40° beam spread; GU5.3 base; 12 volts. Features: Silver back MR16 reflector. Direct replacements for 75 watt Halogen lamps - uses only 8 watts. Dimmable. No UV or IR radiation. Approved for enclosed fixtures.

PROJECT		FIXTURE TYPE		DATE	
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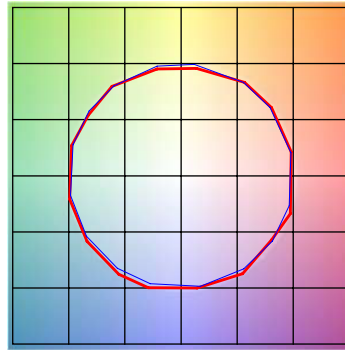
**SORAA VIVID MR16 36° FL**  
**3000K** | Rf: 90.4 | Rg: 99.5  
 Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	94.4	1.0%	0.8%
2	94.6	2.1%	-1.1%
3	91.9	1.1%	-3.3%
4	91.9	2.1%	-2.1%
5	93.9	0.4%	-0.9%
6	95.2	0%	1.9%
7	93.4	2.7%	-0.7%
8	92.7	4.2%	0.1%
9	90.5	3.6%	-3.9%
10	84.3	2.3%	-9.2%
11	81.3	2.3%	-12.7%
12	81.3	-3.6%	-10.3%
13	90.5	-2.5%	-6.2%
14	88.5	-8.2%	-0.4%
15	96.2	-1.0%	0.3%
16	86.6	-5.4%	8.2%

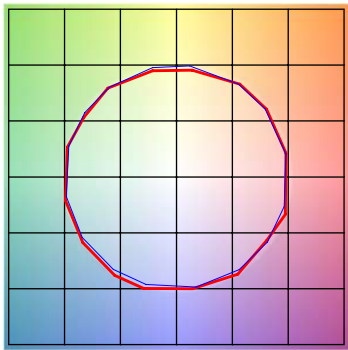
**SOL-LIGHT WARM DIM MR16 36° FL**  
**3000K** | Rf: 94.2 | Rg: 101.2  
 Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	96.0	0.3%	0.7%
2	96.8	0.9%	-0.8%
3	95.6	0.5%	-0.8%
4	93.1	-3.2%	-2.7%
5	95.7	-2.4%	0.4%
6	96.8	0.4%	1.6%
7	92.4	-1.4%	3.5%
8	96.8	1.2%	1.2%
9	94.0	1.4%	3.1%
10	92.6	2.1%	3.9%
11	92.2	3.7%	3.9%
12	92.4	3.9%	-0.9%
13	94.7	0.9%	-3.3%
14	93.4	3.0%	-3.2%
15	93.6	-1.1%	0.9%
16	90.2	2.4%	-6.7%

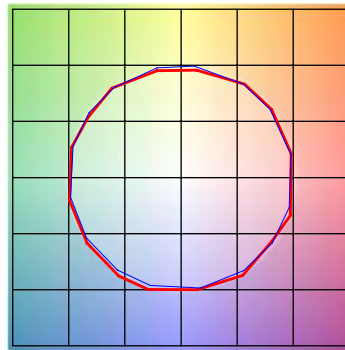
**SORAA VIVID MR16 25° NFL**  
**3000K** | Rf: 94.0 | Rg: 101.0  
 Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.8%
2	96.8	0.8%	-0.9%
3	95.5	0.4%	-0.9%
4	92.7	-3.4%	-2.9%
5	95.6	-2.7%	0.4%
6	96.8	0.1%	1.6%
7	92.2	-1.6%	3.7%
8	96.6	1.1%	1.5%
9	93.7	1.4%	3.3%
10	92.4	2.2%	4.1%
11	92.2	3.8%	3.8%
12	92.4	3.9%	-1.1%
13	94.4	0.8%	-3.6%
14	93.3	2.8%	-3.4%
15	93.4	-1.4%	0.9%
16	90.3	2.2%	-6.7%

**SOL-LIGHT WARM DIM MR16 24° NFL**  
**3000K** | Rf: 94.2 | Rg: 101.2  
 Color Vector Graphic



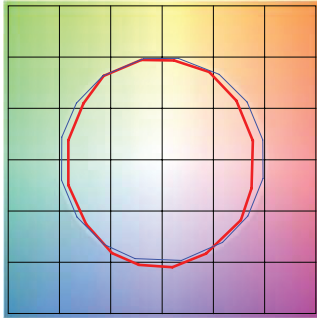
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.8%
2	96.8	0.8%	-0.9%
3	95.5	0.4%	-0.9%
4	92.7	-3.4%	-2.9%
5	95.6	-2.7%	0.4%
6	96.8	0.1%	1.6%
7	92.2	-1.6%	3.7%
8	96.6	1.1%	1.5%
9	93.7	1.4%	3.3%
10	92.4	2.2%	4.1%
11	92.2	3.8%	3.8%
12	92.4	3.9%	-1.1%
13	94.4	0.8%	-3.6%
14	93.3	2.8%	-3.4%
15	93.4	-1.4%	0.9%
16	90.3	2.2%	-6.7%

PROJECT	FIXTURE TYPE	DATE
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**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.

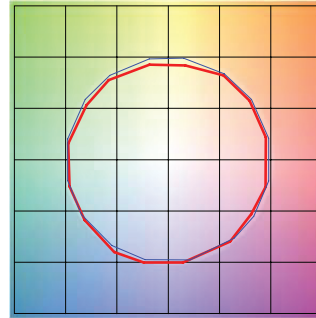
**2200K** | Rf: 83.9 | Rg: 94.9  
Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

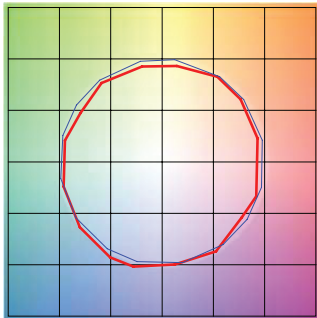
**2400K** | Rf: 91.2 | Rg: 96.8  
Color Vector Graphic



■ 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%

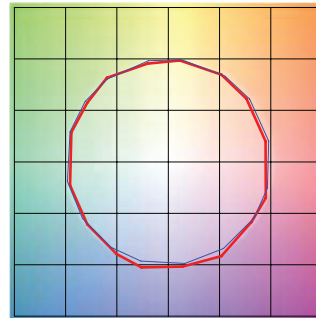
**2700K** | Rf: 87.7 | Rg: 96.1  
Color Vector Graphic



■ 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%

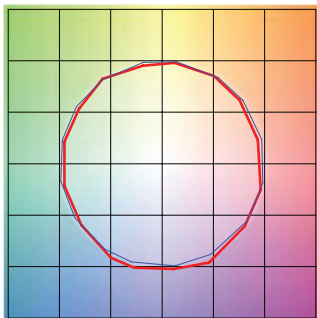
**3000K** | Rf: 88.1 | Rg: 99.7  
Color Vector Graphic



■ 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%

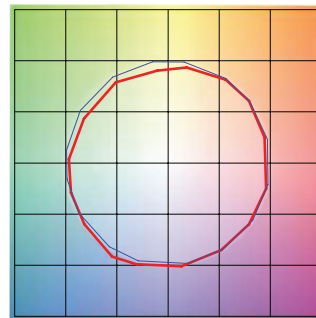
**3500K** | Rf: 86.1 | Rg: 95.5  
Color Vector Graphic



■ 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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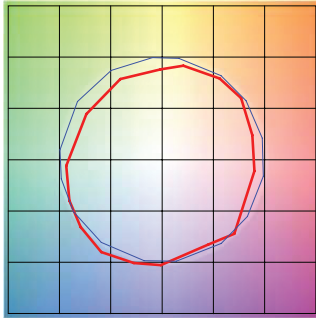
# TM30 DATA

## 24VDC LED SUSPENSION WITH POWER

**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.

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

Color Vector Graphic

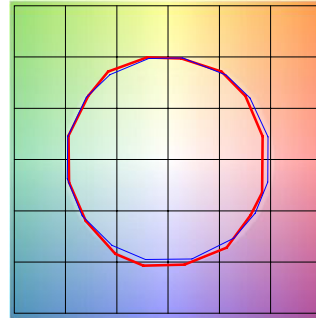


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%

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

Color Vector Graphic

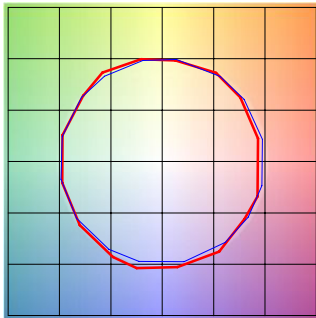


■ Test ■ Reference

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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