

# TIE STIX SUSPENSION

## POWER, CENTER FEED DIRECT DOWN LIGHT

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.17.20



### DESCRIPTION:

Tie Stix Center Feed Suspension features a direct flat, milky White Lens with 100° beam spread. The light channel is available in 5 wood finish options or 5 metal finish options. Canopy and Hardware are available in 5 metal finish options. It features adjustable (up to 12') cables. The 5 or 7 watt versions contain high 95+ CRI LEDs. Warm Dim options are 2700K (**27D**) or 3000K (**30D**) at 100% and dim to 2000K. Includes Center Feed Canopy with 120V/24VDC Universal Dimming (TRIAC, ELV or 0-10V) Power Supply, which can also be ordered with optional Fast Jack 12VAC port (**C1**) for mounting Fast Jack 12V fixtures. Channel lengths are available in various increments from 39"-96".

### ELECTRICAL:

**Power Supply:** 120V/24V Uni-Drivers 96 watt; Universal Dimming (ELV, Triac (Magnetic) or 0-10V dimming) Power supply in Canopy (included). Optional C1 Canopy offers 12VAC FJ connection at the center of the surface mount canopy with ELV dimming only.

**Power Consumption:** 4.4 Watts or 7.3 Watts per Ft.

**LEDs per Foot:** Static White 35 total LEDs

**LEDs per Foot:** Warm Dim 35+35 70 total LEDs

**Dimming:** Dimmable with ELV (Electronic Low Voltage), Triac (Magnetic) or 0-10V. With C1 Fast Jack ELV only Dimmers sold separately.

**Approvals:** Damp Location Suitable, ETL listed. Assembled in America.

### LUMEN PERFORMANCE @3000K 100% 4.4W per Foot

Lumen Output per foot: 320 Lm/ft.  
 Lumen Output per Watt: 73 Lm/W  
 CRI: 95+

### LUMEN PERFORMANCE @3000K 100% 7.3W PER FOOT

Lumen Output per foot: 503 Lm/ft.  
 Lumen Output per Watt: 70 Lm/W  
 CRI: 95+  
 Warm Dim: 2700K (**27D**) or 3000K (**30D**) at 100% and dims to 2000K. 5 Watt only. Dim to warm.

### PHYSICAL ATTRIBUTES:

**Mounting Options:** C (center feed) or C1 (Center Feed with 12V Fast Jack connection).

**Ordering Increments:** Order in sizes ranging from 39" to 96". Max length for Chrome Channel is 84"

**Material:** Real Hardwood, Cast Aluminum

**Average LED Life:** 50,000 hours @ normal use

**Compliance:** ETL listed, Title 24

**Warranty:** PureEdge's 5 year pro-rated warranty, backed by over 30 years of precision manufacturing and design.

### APPLICATIONS:

Hospitality, Hotels, Retail, Flagship Stores, High Rises, Condo Buildings, Residential Vanity or Wall

System	Wattage Per Foot	Power Feed	Nominal Size (L)	Color Temperature	Canopy & Hardware Finish	Channel Finish
<b>TXSP</b>	<b>5W</b>	<b>C</b>	<b>39</b>	<b>27K</b>	<b>S</b>	<b>SN</b>
<b>TXSP</b> Tie Stix Suspension With ELV Power in Canopy	<b>5W</b> 4.4 Watts <b>7W</b> 7.3 Watts	<b>C</b> Center Feed <b>C1</b> Center Feed with Fast Jack Port	<b>39</b> 39.9" <b>48</b> 49.5" <b>60</b> 61.5" <b>72</b> 73.5" <b>84</b> 85.5" <b>96</b> 97.5" <b>*For Metal Only -.4" off exact size*</b>	<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 to 2000K (DIM-TO-WARM) 5 Watt Only <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim to 2000K (DIM-TO-WARM) 5 Watt Only <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White <b>57K</b> 5700K Daylight White	<b>S</b> Satin Nickel <b>C</b> Chrome <b>Z</b> Antique Bronze <b>B</b> Satin Black <b>W</b> White	<b>WM</b> Wood Maple <b>WN</b> Wood Walnut <b>WC</b> Wood Cherry <b>WO</b> Wood White Oak <b>WE</b> Wood Espresso <b>SN</b> Satin Nickel <b>CH</b> Chrome <b>BZ</b> Antique Bronze <b>BK</b> Satin Black <b>WH</b> White <b>SB</b> Satin Brass

PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

# TIE STIX SUSPENSION

## POWER, CENTER FEED DIRECT DOWN LIGHT

REV 03.17.20

### LAMP DATA Lamp Data for Tie Stix Suspension

WATTS PER FOOT	TXSUP													
	5W (4.4 watts)							7W (7.3 watts)						
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	240	268	293	320	366	398	424	377	421	461	503	576	627	667
LUMENS PER WATT (lm/w)	55	61	67	73	83	91	96	52	58	63	69	79	86	91
CRI	85+	90+	95+	95+	90+	85+	85+	85+	90+	95+	95+	90+	85+	85+

### LENGTH CHART Actual Lengths for Wood & Metal finishes

ORDERING CODE (Nominal Size)	ACTUAL SIZE	
	WOOD CHANNEL OVERALL LENGTH (Inches)	METAL CHANNEL OVERALL LENGTH (Inches)
39	39.9"	39.5"
48	49.5"	49.1"
60	61.5"	61.1"
72	73.5"	73.1"
84*	85.5"	85.1"
96	97.5"	97.1"

\*Maximum length for Chrome finish

### WOOD FINISHING OPTION EXAMPLES



SATIN NICKEL WITH CHERRY WOOD



CHROME WITH ESPRESSO WOOD



SATIN BLACK WITH MAPLE WOOD



SATIN NICKEL WITH WALNUT WOOD



CHROME WITH WHITE OAK WOOD

### METAL FINISHING OPTION EXAMPLES



SATIN NICKEL WITH ANTIQUE BRONZE CHANNEL



SATIN BLACK WITH CHROME CHANNEL



WHITE WITH SATIN BLACK CHANNEL



CHROME WITH CHROME CHANNEL



BLACK WITH SATIN BRASS CHANNEL



ANTIQUe BRONZE CANOPY



CHROME CANOPY



SATIN BLACK CANOPY



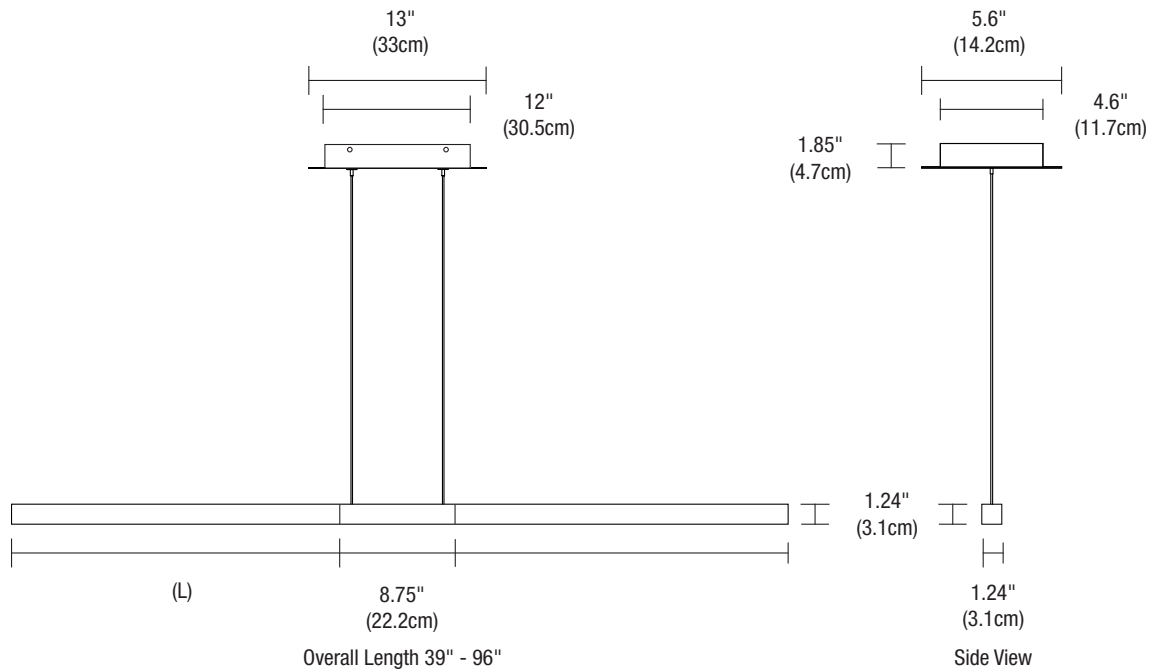
SATIN NICKEL CANOPY



WHITE CANOPY

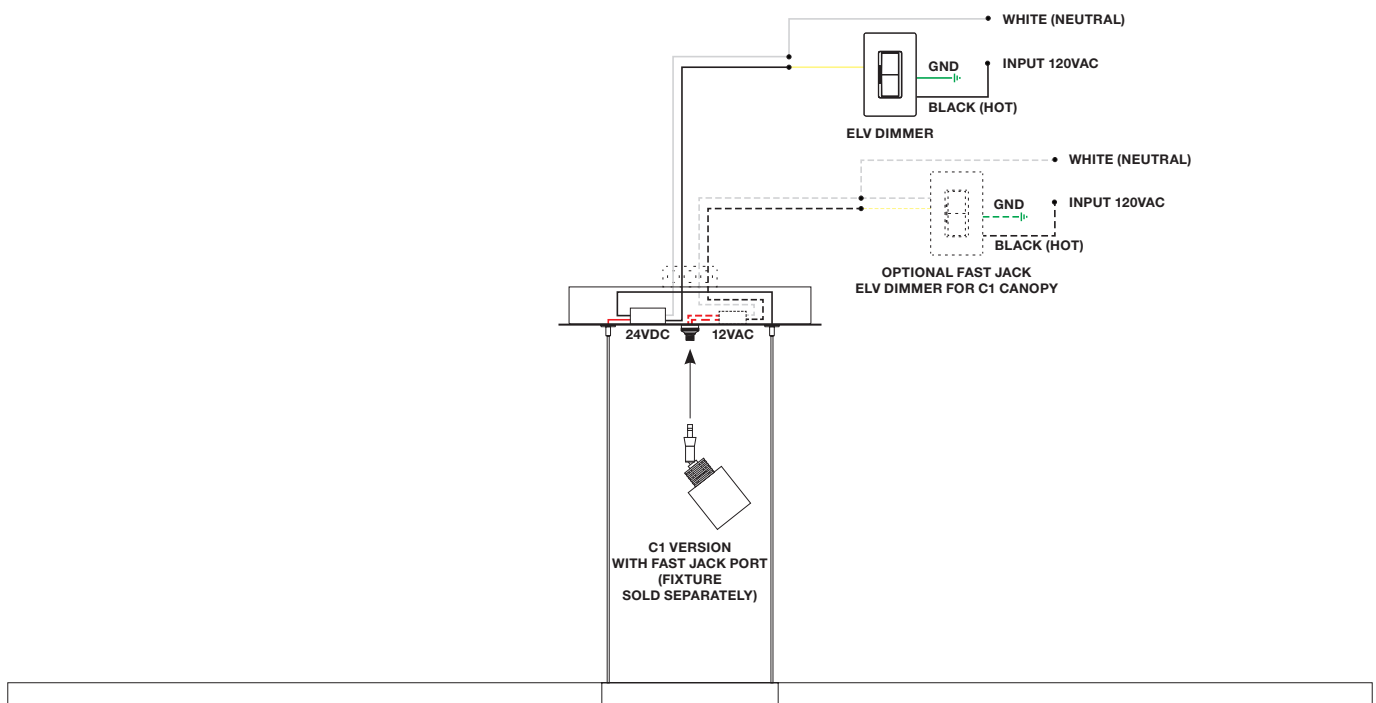
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

**Drawings:** Dimension drawings for the Tie Stix LED Suspension, Center Feed



**WIRING DIAGRAM**

**APPLICATION** Dual ELV dimming for Tie Stix Suspension Center Feed Canopy with Fast Jack Port (C1)  
**DIMMING** Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# TIE STIX SUSPENSION

## POWER, CENTER FEED DIRECT DOWN LIGHT



**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



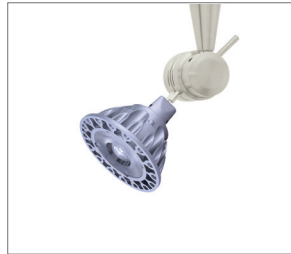
**FJ-FOR-SQ-3-PN**  
**FJ-FOR-RD-3-PN**  
Fast Jack Form Round or Square  
Fixture Finishes: SN, PN



**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
-----------	--------------	-----------	-----------------	-----------	----------------	-----------	-------	-----------	-------

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# 12VAC LED MR16

REV 03.17.20

## 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-NF-27KWD-SL	8	97+	85	24	30,000	2700K dims to 1800K	390	50	12V	Title 24 Compliant, low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-FL-27KWD-SL	8	97+	85	36	30,000	2700K dims to 1800K	427	55	12V	Title 24 Compliant, low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-NF-30KWD-SL	8	97+	85	24	30,000	3000K dims to 1800K	410	53	12V	Title 24 Compliant, low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-FL-30KWD-SL	8	97+	85	36	30,000	3000K dims to 1800K	450	58	12V	Title 24 Compliant, 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	JA8-2016-E, 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	JA8-2016-E, 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	JA8-2016-E, 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

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# 12VAC LED MR16


REV 03.17.20

## 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	JA8-2016-E, 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	JA8-2016-E, 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	JA8-2016-E, 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	JA8-2016-E, 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	JA8-2016-E, 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	JA8-2016-E, 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

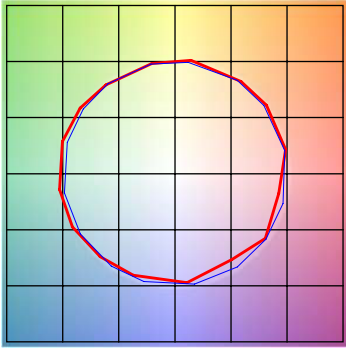
8MR16/LED/40/35K/90CRI/12V 8 watt; LED MR16; 3500K; 40° beam spread; GU5.3 base; 12 volts. Features: Silver back MR16 reflector. Direct replacements for 75 watt Halogen lamps - uses only 8 watts. Dimmable. No UV or IR radiation. Approved for enclosed fixtures.

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

**SORAA VIVID MR16 36° FL**

**3000K** | Rf: 90.4 | Rg: 99.5

Color Vector Graphic



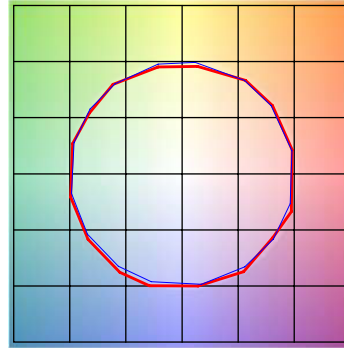
■ Test ■ Reference

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



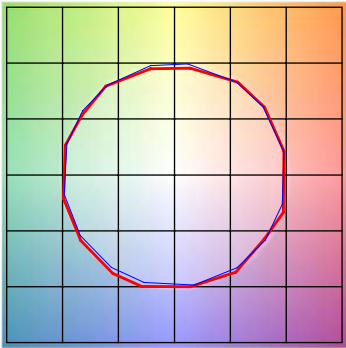
■ Test ■ Reference

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



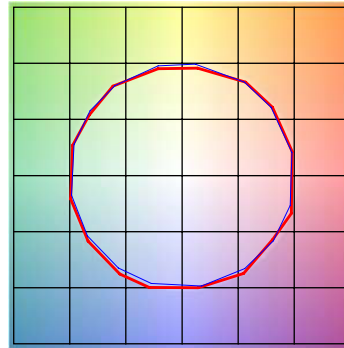
■ Test ■ Reference

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
---------	--------------	------



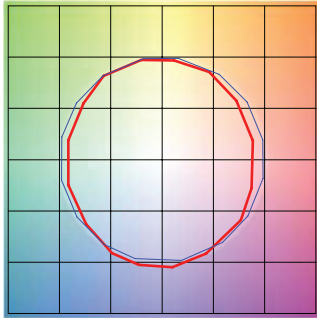
# SUSPENSION TM30 DATA

## POWER, CENTER FEED DIRECT DOWN LIGHT

**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.

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

Color Vector Graphic

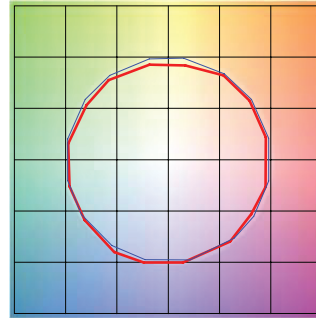


■ Test ■ Reference

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

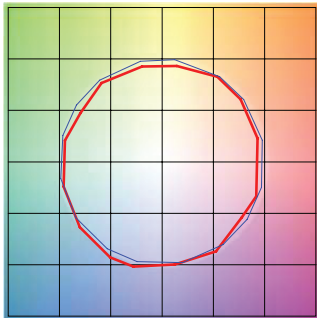


■ Test ■ Reference

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

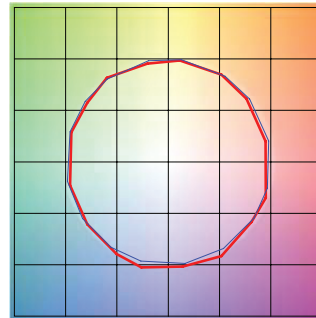


■ Test ■ Reference

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

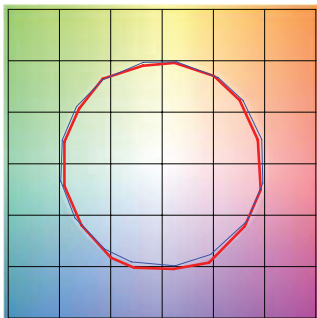


■ Test ■ Reference

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

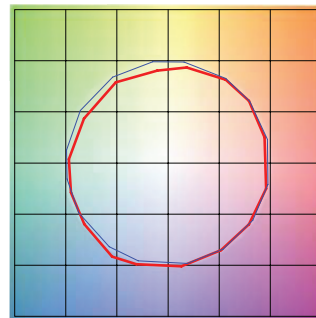


■ Test ■ Reference

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
---------	--------------	------



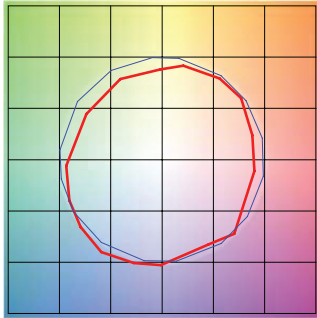
# SUSPENSION TM30 DATA

## POWER, CENTER FEED DIRECT DOWN LIGHT

**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

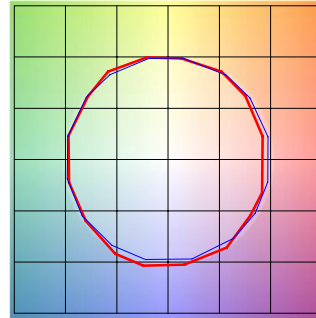


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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

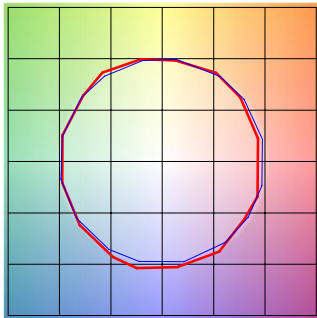


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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

GRAPHIC SHIFTS %			
HUE BIN	Rf	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
---------	--------------	------