

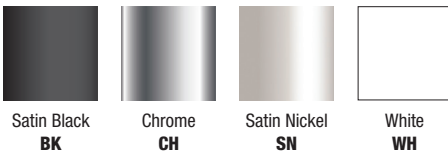
### DESCRIPTION

Add curves and volume to any space with the Zipp Wave Suspension Downlight. This contemporary, curvy, linear LED fixture offers lighting that is crisp and spot-free. It is available in a range of increments from 48" to 120" (10'), a 100° beam spread, optional adjustable white or black louver, multiple finishes, and a spectrum of color temperatures including Warm Dim and Tunable White. 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 12" rectangle canopy with 120V/24VDC Electronic Low Voltage LED power supply
- Optional Fast Jack 12V port (**C1**) for mounting Fast Jack 12V fixtures, off center of canopy
- Adjustable 12' coaxial and aircraft cables included; additional aircraft cables included support when fixture exceeds 72"

### FINISHES



C1 Canopy, shown with FJ Piston in Satin Nickel (FJ Piston sold separately)

### LENSES

- Available in a Diffused White Lens with 100° beam spread
- Optional Black or White louver available

### APPLICATIONS

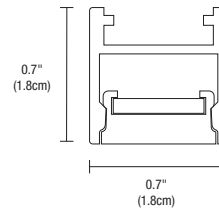
Designed for indoor use only. Ideal environments include: restaurants, hallways, conference rooms, kitchens and dining rooms.

### LAMPING

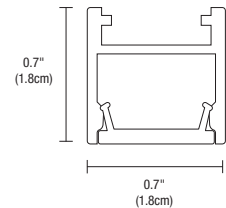
- Choose from 9 different color temperatures from 22K - 57K including Warm Dim options
- Warm Dim: 2700K to 2000K (**27D**) or 3000K to 2000K (**30D**)
- 50,000 Hour Lamp Life

### POWER SUPPLIES

- Electronic Low Voltage Dimming (**ELV**): 60 & 100 watt



Channel With Louver (Actual Size)



Channel Without Louver (Actual Size)

System	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
<b>WSDP</b>	<b>5W</b>	<b>C</b>	<b>120</b>	<b>22K</b>	<b>SN</b>

<b>WSDP</b> Zipp Wave Suspension Diffused Lens with Power	<b>5W</b> 5 Watts	<b>C</b> Center Feed	<b>48-120</b> Order in various increments from 48" to 120". Maximum shipping length for Chrome is 84" <small>*See length chart for exact dimensions (pg. 2)</small>	<b>22K</b> 2200K Candle White	<b>BK</b> Black
<b>WSDWP</b> Zipp Wave Suspension Diffused Lens with White Louver, with Power	<b>7W</b> 7.5 Watts	<b>C1</b> Center Feed with FJ Connector		<b>24K</b> 2400K Very Warm White	<b>CH</b> Chrome
<b>WSDBP</b> Zipp Wave Suspension Diffused Lens with Black Louver, with Power				<b>27K</b> 2700K Incandescent White	<b>SN</b> Satin Nickel
				<b>27D</b> 2700K Warm Dim (5W only)	<b>WH</b> White
				<b>30K</b> 3000K Warm White	
				<b>30D</b> 3000K Warm Dim (5W only)	
			<b>35K</b> 3500K Neutral White		
			<b>40K</b> 4000K Cool White		
			<b>57K</b> 5700K Daylight White		

PROJECT		FIXTURE TYPE		DATE	
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### Lamp Data: Lamp data for Zipp Wave Suspension Downlight with Power - Center Feed

WSDP																
100° DIFFUSED WHITE LENS WITHOUT LOUVER																
DESCRIPTION	5W (4.4 watts)									7W (7.5 watts)						
WATTS PER FOOT	5W (4.4 watts)									7W (7.5 watts)						
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	265	265	268	305	279	318	320	337	357	409	409	413	430	494	521	551
LUMENS PER WATT (lm/w)	60	60	61	64	63	66	73	77	81	56	56	57	59	68	71	75
CRI	92+	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

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

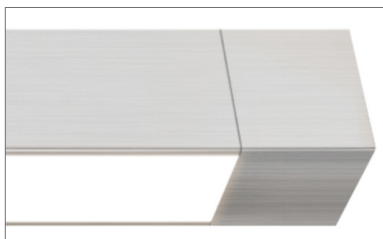
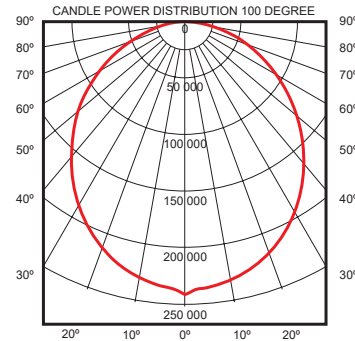
WSDWP																
100° DIFFUSED WHITE LENS WITH WHITE LOUVER																
DESCRIPTION	5W (4.4 watts)									7W (7.5 watts)						
WATTS PER FOOT	5W (4.4 watts)									7W (7.5 watts)						
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	164	164	166	189	173	197	198	209	221	253	253	256	266	306	322	341
LUMENS PER WATT (lm/w)	37	37	38	39	39	41	45	47	50	35	35	35	37	42	44	47
CRI	92+	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

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

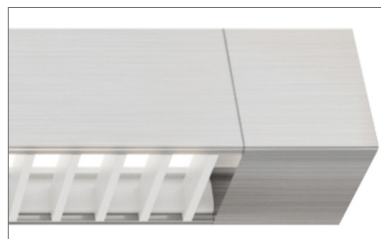
WSDBP																
100° DIFFUSED WHITE LENS WITH BLACK LOUVER																
DESCRIPTION	5W (4.4 watts)									7W (7.5 watts)						
WATTS PER FOOT	5W (4.4 watts)									7W (7.5 watts)						
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	101	101	102	116	106	121	122	128	136	156	156	157	164	188	198	210
LUMENS PER WATT (lm/w)	23	23	23	24	24	25	28	29	31	21	21	22	22	26	27	29
CRI	92+	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

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

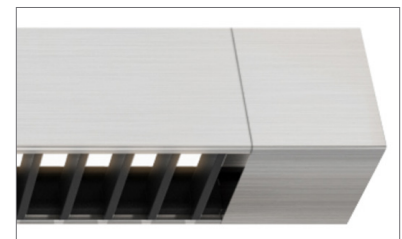
5W DIFFUSED WHITE			
Distance	Foot Candles 5W	Beam Width Vert. Spread 101.1°	Beam Width Horiz. Spread 97.4°
1.7ft	120fc	4.1ft	3.9ft
3.3ft	39fc	8.0ft	7.5ft
5.0ft	16fc	12.1ft	11.4ft
6.7ft	10fc	16.3ft	15.3ft
8.3ft	6fc	20.2ft	18.9ft
10.0ft	4fc	24.3ft	22.8ft



Shown without Louver



Shown with White Louver



Shown with Black Louver

PROJECT	FIXTURE TYPE	DATE
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# ZIPP WAVE

## LED SUSPENSION DOWNLIGHT WITH POWER - CENTER FEED



REV 11.10.21

### LENGTH CHART Actual lengths for Cirrus Suspension R1

22K, 24K, 27K, 30K, 35K, 40K & 57K					
Ordering Code (Nominal Size)	Actual Length	5W (4.4 Watts)	Power Supply	7W (7.4 Watts)	Power Supply
48	48.6	20	PSB-40W-UNI-24VDC	30	PSB-40W-UNI-24VDC
51	51.0	21	PSB-40W-UNI-24VDC	32	PSB-40W-UNI-24VDC
53	53.4	22	PSB-40W-UNI-24VDC	33	PSB-40W-UNI-24VDC
56	55.8	23	PSB-40W-UNI-24VDC	35	PSB-40W-UNI-24VDC
58	58.1	24	PSB-40W-UNI-24VDC	36	PSB-40W-UNI-24VDC
60	60.5	25	PSB-40W-UNI-24VDC	38	PSB-40W-UNI-24VDC
63	62.9	26	PSB-40W-UNI-24VDC	39	PSB-40W-UNI-24VDC
65	65.3	27	PSB-40W-UNI-24VDC	41	PSB-60W-UNI-24VDC
68	67.7	28	PSB-40W-UNI-24VDC	43	PSB-60W-UNI-24VDC
70	70.1	29	PSB-40W-UNI-24VDC	44	PSB-60W-UNI-24VDC
72	72.5	30	PSB-40W-UNI-24VDC	45	PSB-60W-UNI-24VDC
75	74.9	31	PSB-40W-UNI-24VDC	47	PSB-60W-UNI-24VDC
77	77.2	32	PSB-40W-UNI-24VDC	48	PSB-60W-UNI-24VDC
80	79.6	33	PSB-40W-UNI-24VDC	50	PSB-60W-UNI-24VDC
82	82.0	34	PSB-40W-UNI-24VDC	51	PSB-60W-UNI-24VDC
84*	84.4	35	PSB-40W-UNI-24VDC	53	PSB-60W-UNI-24VDC
87	86.8	36	PSB-40W-UNI-24VDC	54	PSB-60W-UNI-24VDC
89	89.2	37	PSB-40W-UNI-24VDC	56	PSB-60W-UNI-24VDC
92	91.6	38	PSB-40W-UNI-24VDC	58	PSB-60W-UNI-24VDC
94	94.0	39	PSB-40W-UNI-24VDC	59	PSB-60W-UNI-24VDC
96	96.4	40	PSB-60W-UNI-24VDC	60	PSB-96W-UNI-24VDC
99	98.7	41	PSB-60W-UNI-24VDC	62	PSB-96W-UNI-24VDC
101	101.1	42	PSB-60W-UNI-24VDC	63	PSB-96W-UNI-24VDC
104	103.5	43	PSB-60W-UNI-24VDC	65	PSB-96W-UNI-24VDC
106	105.9	44	PSB-60W-UNI-24VDC	66	PSB-96W-UNI-24VDC
108	108.3	45	PSB-60W-UNI-24VDC	68	PSB-96W-UNI-24VDC
111	110.7	46	PSB-60W-UNI-24VDC	69	PSB-96W-UNI-24VDC
113	113.1	47	PSB-60W-UNI-24VDC	71	PSB-96W-UNI-24VDC
116	115.4	48	PSB-60W-UNI-24VDC	73	PSB-96W-UNI-24VDC
118	117.8	49	PSB-60W-UNI-24VDC	74	PSB-96W-UNI-24VDC
120**	120.2	50	PSB-60W-UNI-24VDC	75	PSB-96W-UNI-24VDC

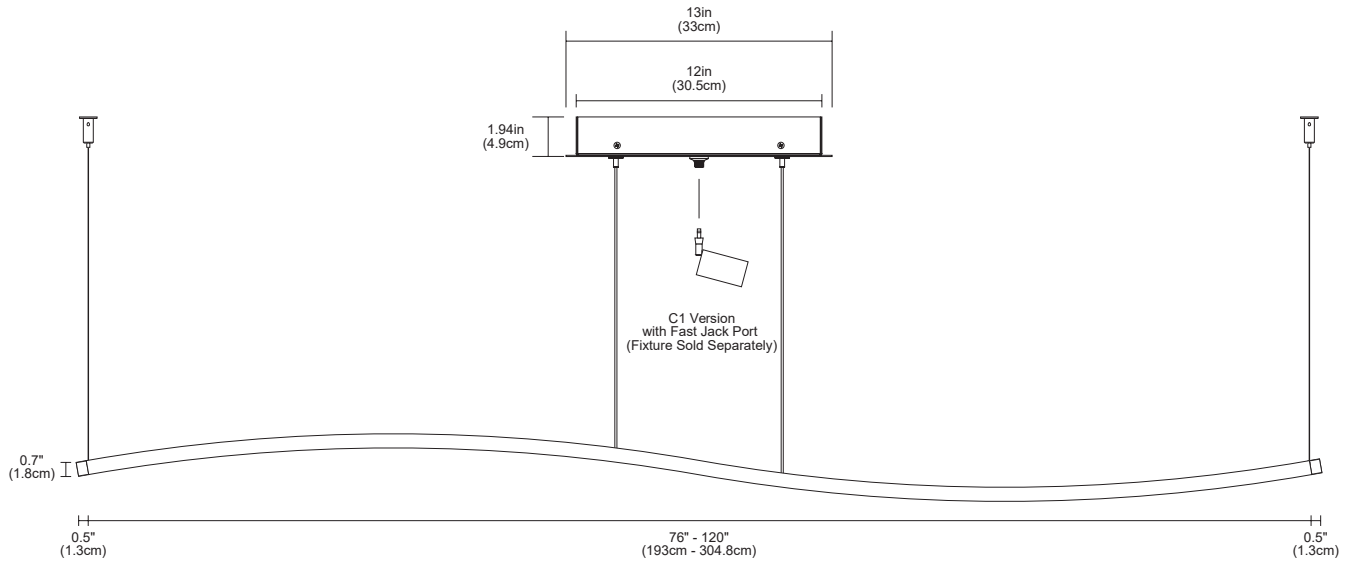
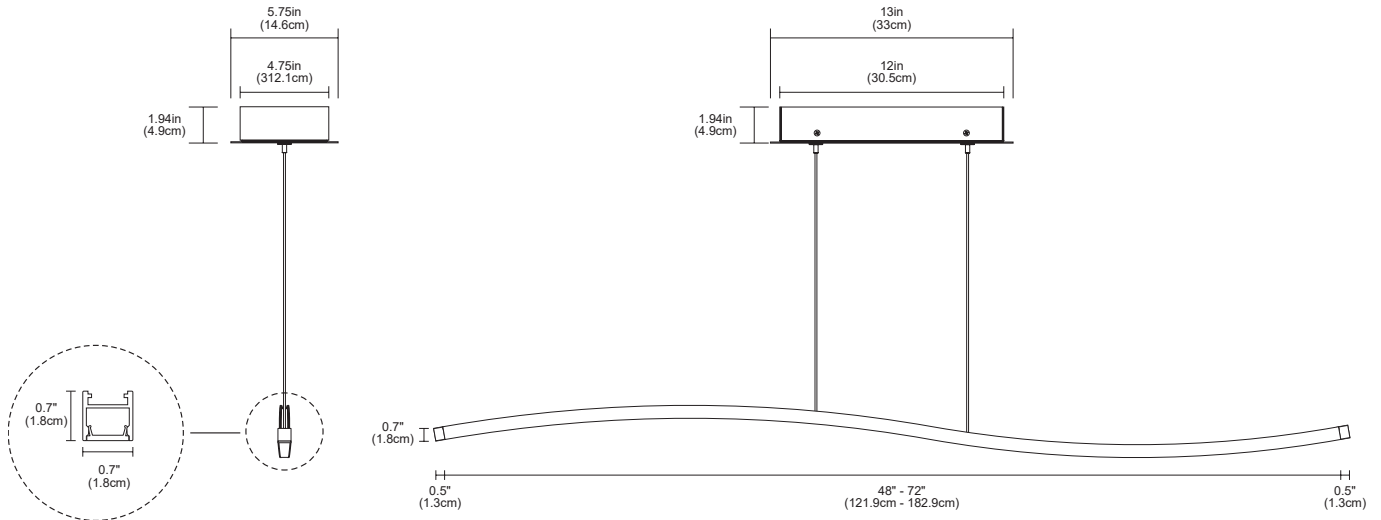
\*Maximum Chrome Length \*\*Maximum Shipping Length

WARM DIM (27D & 30D)			
Ordering Code (Nominal Size)	Actual Length	5W (4.4 Watts)	Power Supply
48	48.6	20	PSB-40W-UNI-24VDC
51	51.0	21	PSB-40W-UNI-24VDC
54	53.4	23	PSB-40W-UNI-24VDC
57	55.8	24	PSB-40W-UNI-24VDC
60	58.1	25	PSB-40W-UNI-24VDC
63	60.5	26	PSB-40W-UNI-24VDC
66	62.9	28	PSB-40W-UNI-24VDC
69	65.3	29	PSB-40W-UNI-24VDC
72	67.7	30	PSB-40W-UNI-24VDC
75	70.1	31	PSB-40W-UNI-24VDC
78	72.5	33	PSB-40W-UNI-24VDC
81	74.9	34	PSB-40W-UNI-24VDC
84*	77.2	35	PSB-40W-UNI-24VDC
87	79.6	36	PSB-40W-UNI-24VDC
90	82.0	38	PSB-40W-UNI-24VDC
93	84.4	39	PSB-40W-UNI-24VDC
96	86.8	40	PSB-60W-UNI-24VDC
99	89.2	41	PSB-60W-UNI-24VDC
102	91.6	43	PSB-60W-UNI-24VDC
105	94.0	44	PSB-60W-UNI-24VDC
108	96.4	45	PSB-60W-UNI-24VDC
111	98.7	46	PSB-60W-UNI-24VDC
114	101.1	48	PSB-60W-UNI-24VDC
117	103.5	49	PSB-60W-UNI-24VDC
120**	105.9	50	PSB-60W-UNI-24VDC

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

PROJECT		FIXTURE TYPE		DATE	
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**Drawings:** Dimension drawings for the Zipp Wave Suspension Downlight with Power - Center Feed fixtures



FOR FIXTURES OVER 6FT

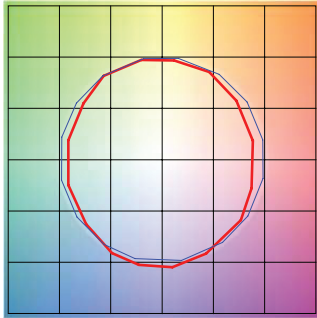
PROJECT	FIXTURE TYPE	DATE
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# TM30 DATA

## LED SUSPENSION 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

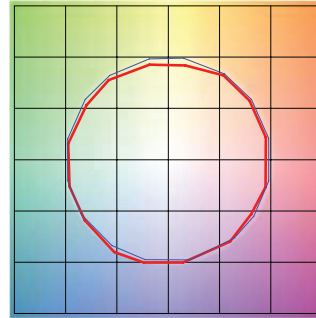
**2200K** | Rf: 83.9 | Rg: 94.9  
Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

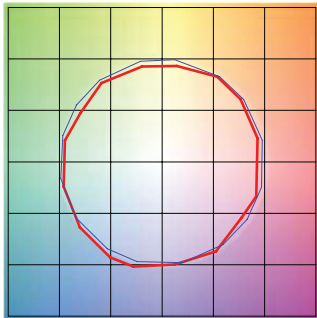
**2400K** | Rf: 91.2 | Rg: 96.8  
Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

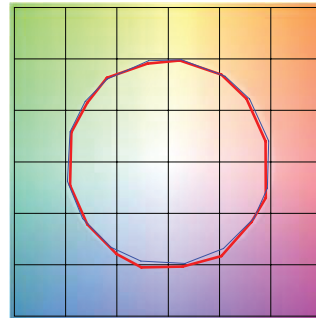
**2700K** | Rf: 87.7 | Rg: 96.1  
Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

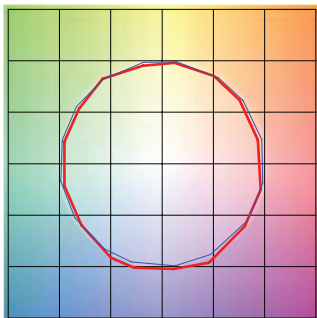
**3000K** | Rf: 88.1 | Rg: 99.7  
Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

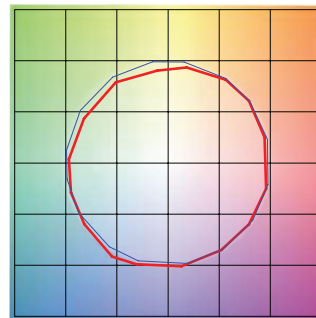
**3500K** | Rf: 86.1 | Rg: 95.5  
Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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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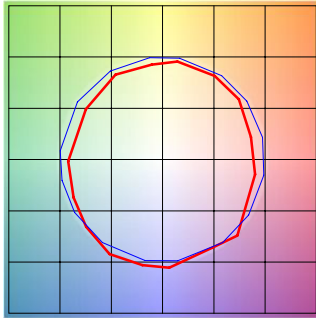
# TM30 DATA

## LED SUSPENSION 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

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

Color Vector Graphic

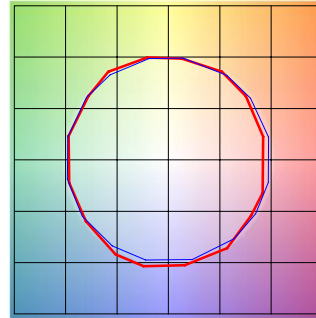


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%

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

Color Vector Graphic

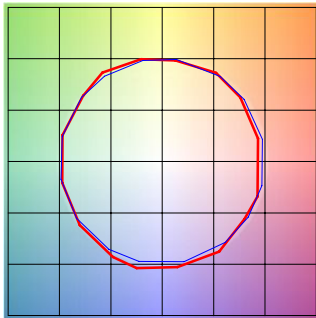


■ Test ■ Reference

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

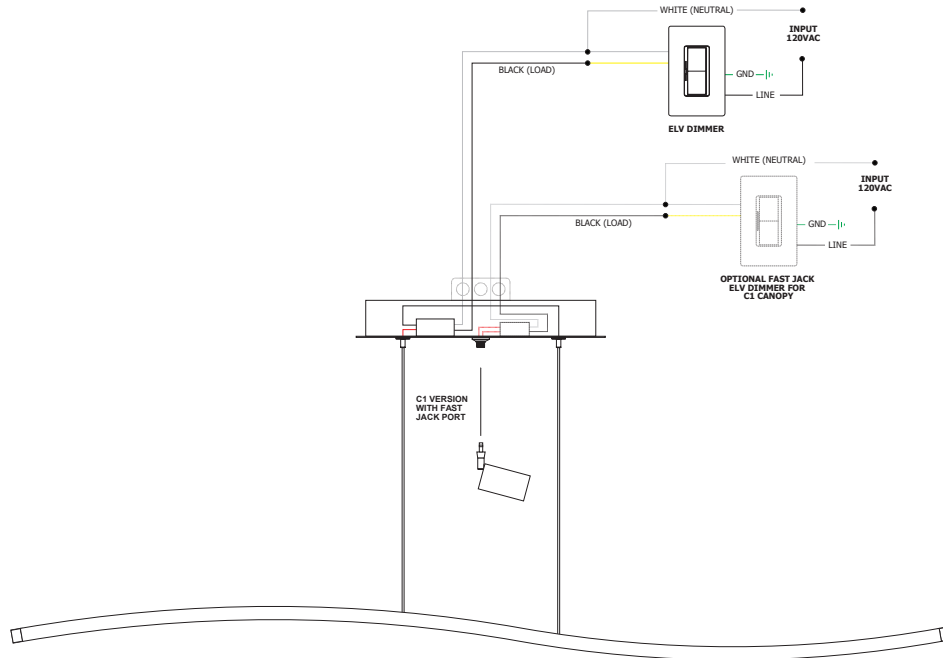
HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9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

PROJECT	FIXTURE TYPE	DATE
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### Wiring Diagram: Wiring diagram for dual ELV Dimmers

**Application:** ELV dimming for Zipp Wave Suspension Downlight with Power, Center Feed Canopy with Fast Jack Port (C1)

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



PROJECT	FIXTURE TYPE	DATE
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**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



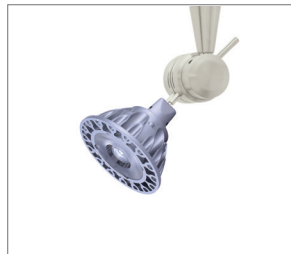
**FJ-FOR-SQ-3-PN**  
**FJ-FOR-RD-3-PN**  
Fast Jack Form Round or Square  
Fixture Finishes: SN, PN



**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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PROJECT		FIXTURE TYPE		DATE	
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# 12VAC LED MR16

REV 11.10.21

## 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

PROJECT		FIXTURE TYPE		DATE	
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# 12VAC LED MR16

REV 11.10.21

## 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

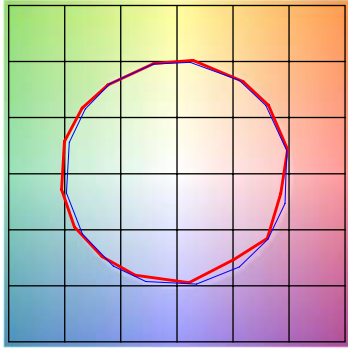
## SATCO 3500K COLOR TEMPERATURE MR16 INDOOR/OUTDOOR

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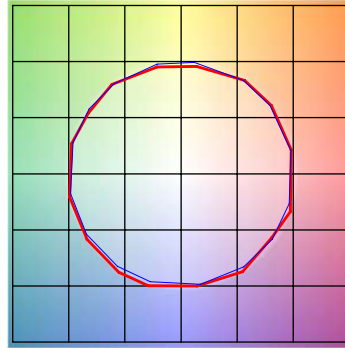
**SORAA VIVID MR16 36° FL**  
**3000K** | Rf: 90.4 | Rg: 99.5  
 Color Vector Graphic



■ 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%

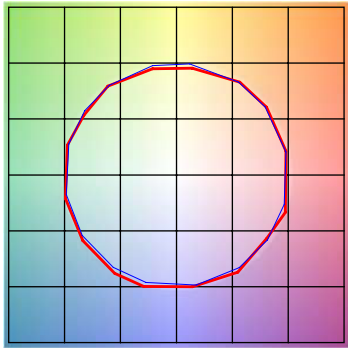
**SOL-LIGHT WARM DIM MR16 36° FL**  
**3000K** | Rf: 94.2 | Rg: 101.2  
 Color Vector Graphic



■ 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%

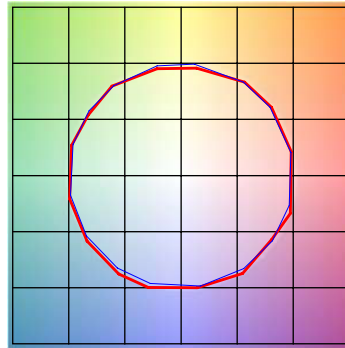
**SORAA VIVID MR16 25° NFL**  
**3000K** | Rf: 94.0 | Rg: 101.0  
 Color Vector Graphic



■ 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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