



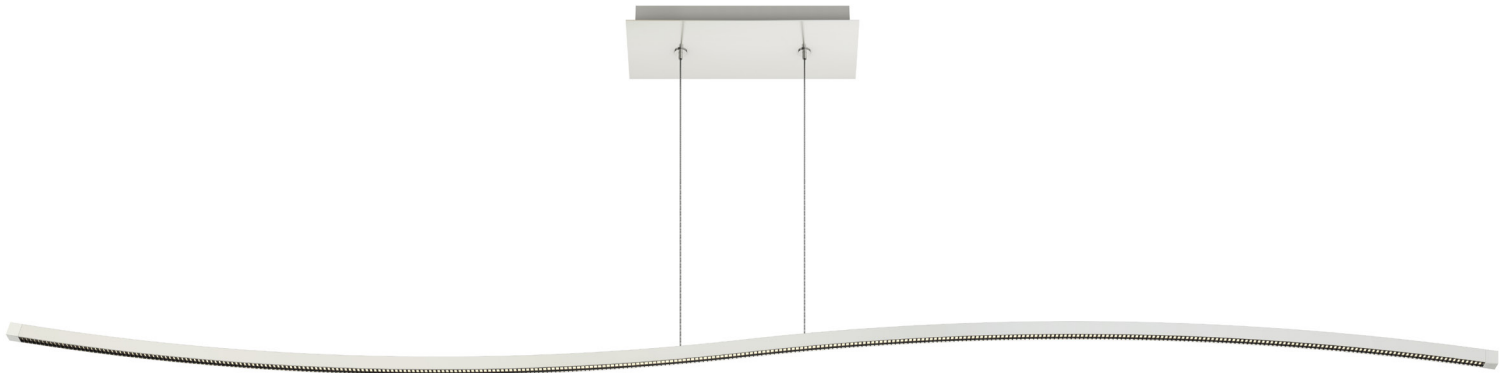
ZIPP WAVE

DYNAMIC/TUNABLE DOWNLIGHT WITH POWER - CENTER FEED



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 01.13.22



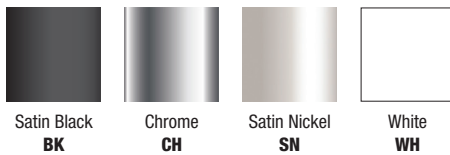
DESCRIPTION

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 Dynamic/Tunable White. Using the latest in LED Technology Dynamic/Tunable White you have full control over the color temperature from 2000K (Sunset) to 6500K (Cool White) and the ability to fine-tune the brightness independently. Requires Two dimmers (one for 2000K and one for 6500K) or, use our proprietary Tunable White Controller for fast and accurate adjustment and three pre-set scenes (**CDMX1**) ordered separately. Human-Centric lighting supports health, performance, and overall well-being by adjusting with your circadian cycle. Order **WSD_P** with power supplies included in the canopy or **WSD_R** remote power supplies, sold separately. Fast Jack 12V Port Canopy (**C1**) for mounting Fast Jack fixtures to easily accommodate a variety of moods and tasks. Fixture includes a 5-year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

INSTALLATION

- Optional Fast Jack ELV 12VAC port (C1) for mounting Fast Jack 12V fixtures on the canopy
- Remote Power: includes a 12" Linear Canopy for lengths up to 72" and a 26" linear canopy for longer lengths
- Power: includes a 26" linear canopy Includes adjustable 12' coaxial cables (fixtures exceeding 72" have additional aircraft cables)

FINISHES



LENSES

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

LAMP

- Tunable White: 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- 50,000 Hour Lamp Life

POWER & CANOPY SPECIFICATIONS

- Input Voltage: 120VAC - 277VAC
- 24VDC, Class 2 wiring
- Power Consumed: 5 or 10 watts per foot

ZSDP: POWER SUPPLY IN CANOPY (INCLUDED)

- **0-10V**: Requires two dimmers, one for intensity and one for color temperature

ZSDR: REMOTE POWER SUPPLIES, DIMMERS & CONTROLS (SOLD SEPARATELY)*

24VDC, Class 2 wiring

- **0-10V**: Requires two dimmers, one for intensity and one for color temperature
- **DMX Dynamic Color Changing**: Must be used with PureEdge [Controllers](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

OPTIONAL FAST JACK PORT

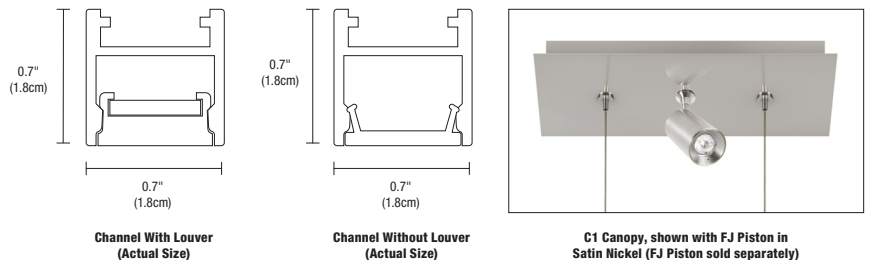
12VAC electronic low voltage LED power supply

APPLICATIONS

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

APPROVALS

Damp Location, ETL Listed, Class 2 wiring, Made in America



System	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
WSDP	5W	C	120	2K6K	SN
WSDP Zipp Wave Suspension Diffused Lens with Power	5W 4.6 Watts	C Center Feed	48-120 Order in various increments from 48" to 120". Maximum shipping length for Chrome is 84"	2K6K 2000K-6500K Tunable White (5W Only)	BK Black CH Chrome SN Satin Nickel WH White
WSDWP Zipp Wave Suspension Diffused Lens with White Louver, with Power		C1 Center Feed with FJ Connector			
WSDBP Zipp Wave Suspension Diffused Lens with Black Louver, with Power					
WSDR Zipp Wave Suspension Diffused Lens, order Remote Power separately					
WSDWR Zipp Wave Suspension Diffused Lens with White Louver, order Remote Power separately					
WSDBR Zipp Wave Suspension Diffused Lens with Black Louver, order Remote Power separately					

*See length chart for exact dimensions (pg. 2)

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										
2K6K 5W (4.6 watts)										
DESCRIPTION										
WATTS PER FOOT										
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	
LUMENS PER FOOT (lm/ft)	185	193	201	208	216	231	247	250	252	
LUMENS PER WATT (lm/w)	40	40	42	43	45	48	52	52	55	
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	

WSDWP										
100° DIFFUSED WHITE LENS WITH WHITE LOUVER										
2K6K 5W (4.6 watts)										
DESCRIPTION										
WATTS PER FOOT										
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	
LUMENS PER FOOT (lm/ft)	115	119	124	129	134	143	153	155	156	
LUMENS PER WATT (lm/w)	25	25	26	27	28	30	32	32	34	
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	

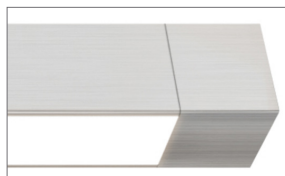
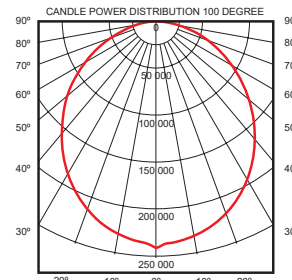
WSDBP										
100° DIFFUSED WHITE LENS WITH BLACK LOUVER										
2K6K 5W (4.6 watts)										
DESCRIPTION										
WATTS PER FOOT										
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	
LUMENS PER FOOT (lm/ft)	71	74	76	79	82	88	94	95	96	
LUMENS PER WATT (lm/w)	15	15	16	17	17	18	20	20	21	
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	

LENGTH CHART Actual lengths for Zipp Wave Suspension

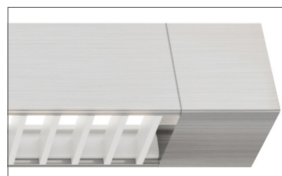
Ordering Code (Nominal Size)	Actual Length	5W (2K6K)					5W (2K6K)						
		2K Watts	4K Watts	Power Supply	2K6K DMX Wattage	Power Supply	2K Watts	4K Watts	Power Supply	2K6K DMX Wattage	Power Supply		
48	48.6	20	20	PSB-2x40W-UNI-24VDC	20	PSB-100W-24VDC-2XK	87	86.8	36	36	PSB-2x40W-UNI-24VDC	36	PSB-100W-24VDC-2XK
51	51.0	21	21	PSB-2x40W-UNI-24VDC	21	PSB-100W-24VDC-2XK	89	89.2	37	37	PSB-2x40W-UNI-24VDC	37	PSB-100W-24VDC-2XK
53	53.4	22	22	PSB-2x40W-UNI-24VDC	22	PSB-100W-24VDC-2XK	92	91.6	38	38	PSB-2x40W-UNI-24VDC	38	PSB-100W-24VDC-2XK
56	55.8	23	23	PSB-2x40W-UNI-24VDC	23	PSB-100W-24VDC-2XK	94	94.0	39	39	PSB-2x40W-UNI-24VDC	39	PSB-100W-24VDC-2XK
58	58.1	24	24	PSB-2x40W-UNI-24VDC	24	PSB-100W-24VDC-2XK	96	96.4	40	40	PSB-2x60W-UNI-24VDC	40	PSB-100W-24VDC-2XK
60	60.5	25	25	PSB-2x40W-UNI-24VDC	25	PSB-100W-24VDC-2XK	99	98.7	41	41	PSB-2x60W-UNI-24VDC	41	PSB-100W-24VDC-2XK
63	62.9	26	26	PSB-2x40W-UNI-24VDC	26	PSB-100W-24VDC-2XK	101	101.1	42	42	PSB-2x60W-UNI-24VDC	42	PSB-100W-24VDC-2XK
65	65.3	27	27	PSB-2x40W-UNI-24VDC	27	PSB-100W-24VDC-2XK	104	103.5	43	43	PSB-2x60W-UNI-24VDC	43	PSB-100W-24VDC-2XK
68	67.7	28	28	PSB-2x40W-UNI-24VDC	28	PSB-100W-24VDC-2XK	106	105.9	44	44	PSB-2x60W-UNI-24VDC	44	PSB-100W-24VDC-2XK
70	70.1	29	29	PSB-2x40W-UNI-24VDC	29	PSB-100W-24VDC-2XK	108	108.3	45	45	PSB-2x60W-UNI-24VDC	45	PSB-100W-24VDC-2XK
72	72.5	30	30	PSB-2x40W-UNI-24VDC	30	PSB-100W-24VDC-2XK	111	110.7	46	46	PSB-2x60W-UNI-24VDC	46	PSB-100W-24VDC-2XK
75	74.9	31	31	PSB-2x40W-UNI-24VDC	31	PSB-100W-24VDC-2XK	113	113.1	47	47	PSB-2x60W-UNI-24VDC	47	PSB-100W-24VDC-2XK
77	77.2	32	32	PSB-2x40W-UNI-24VDC	32	PSB-100W-24VDC-2XK	116	115.4	48	48	PSB-2x60W-UNI-24VDC	48	PSB-100W-24VDC-2XK
80	79.6	33	33	PSB-2x40W-UNI-24VDC	33	PSB-100W-24VDC-2XK	118	117.8	49	49	PSB-2x60W-UNI-24VDC	49	PSB-100W-24VDC-2XK
82	82.0	34	34	PSB-2x40W-UNI-24VDC	34	PSB-100W-24VDC-2XK	120**	120.2	50	50	PSB-2x60W-UNI-24VDC	50	PSB-100W-24VDC-2XK
84*	84.4	35	35	PSB-2x40W-UNI-24VDC	35	PSB-100W-24VDC-2XK							

*Maximum Chrome Length **Maximum Shipping Length

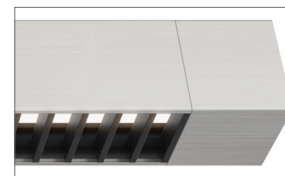
5W DIFFUSED WHITE			
Distance	Foot Candles 5W	Beam Width Vert. Spread 101.1°	Beam Width Horiz. Spread 97.4°
1.7ft	120fc	4.1ft	3.9ft
3.3ft	39fc	8.0ft	7.5ft
5.0ft	16fc	12.1ft	11.4ft
6.7ft	10fc	16.3ft	15.3ft
8.3ft	6fc	20.2ft	18.9ft
10.0ft	4fc	24.3ft	22.8ft



Shown without Louver



Shown with White Louver



Shown with Black Louver

PROJECT		FIXTURE TYPE		DATE	
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ZIPP WAVE

DYNAMIC/TUNABLE DOWNLIGHT WITH POWER - CENTER FEED



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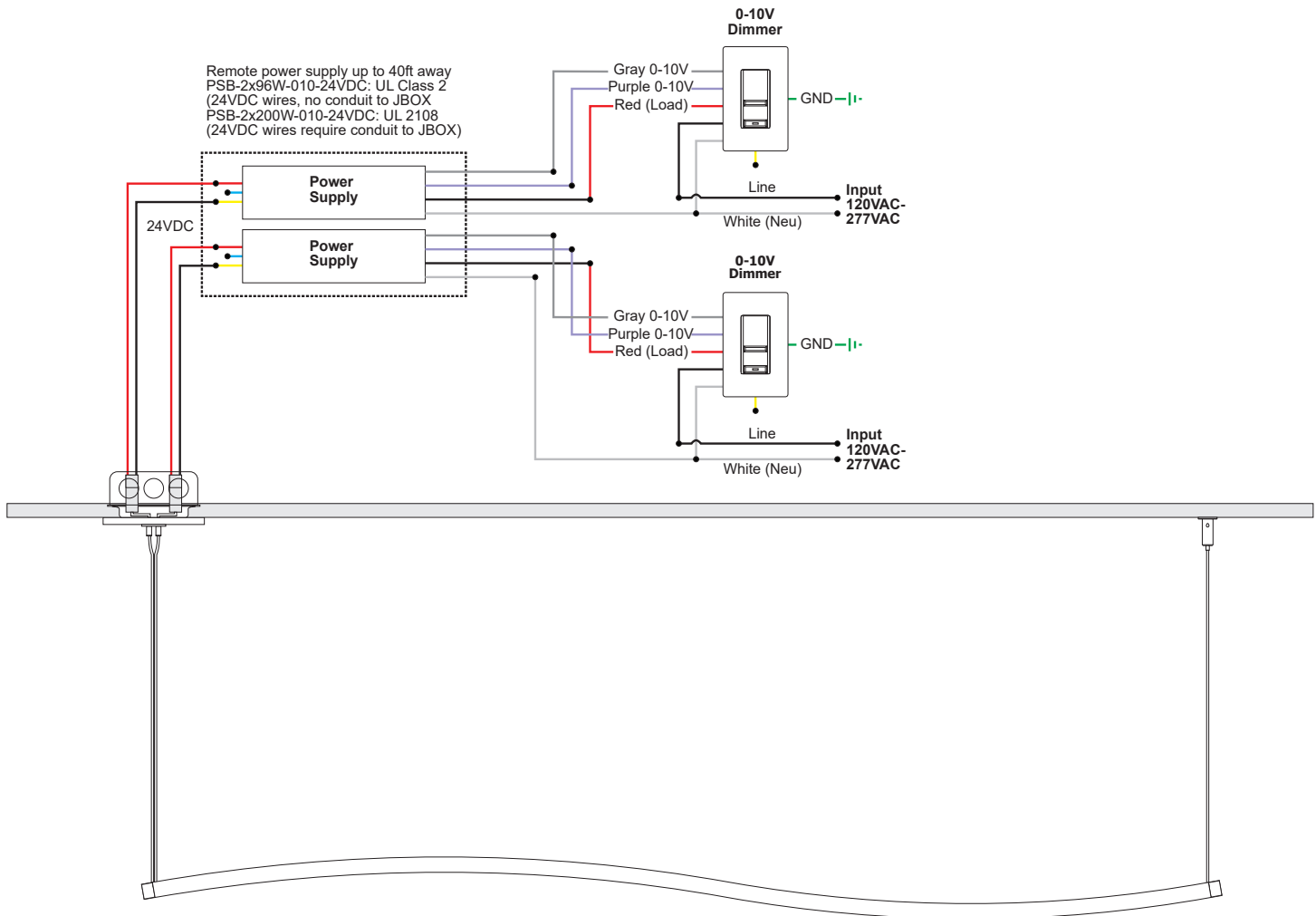
Wiring Diagram: Wiring diagram for Tunable White with Dual 0-10 Volt Dimmers

Application: 0-10V dimming for Zipp Wave Suspension Downlight with Remote Power, End Feed Canopy, Tunable White 2000K-6500K

Remote Power: Class 2, 24VDC output: 120/277 VAC input

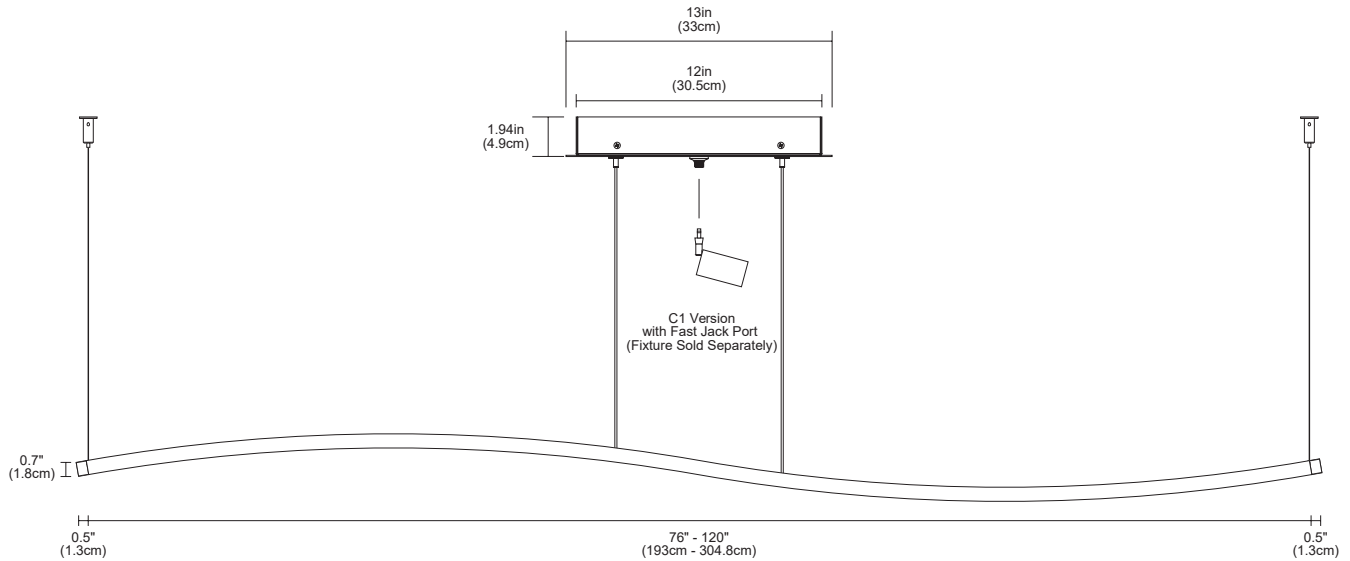
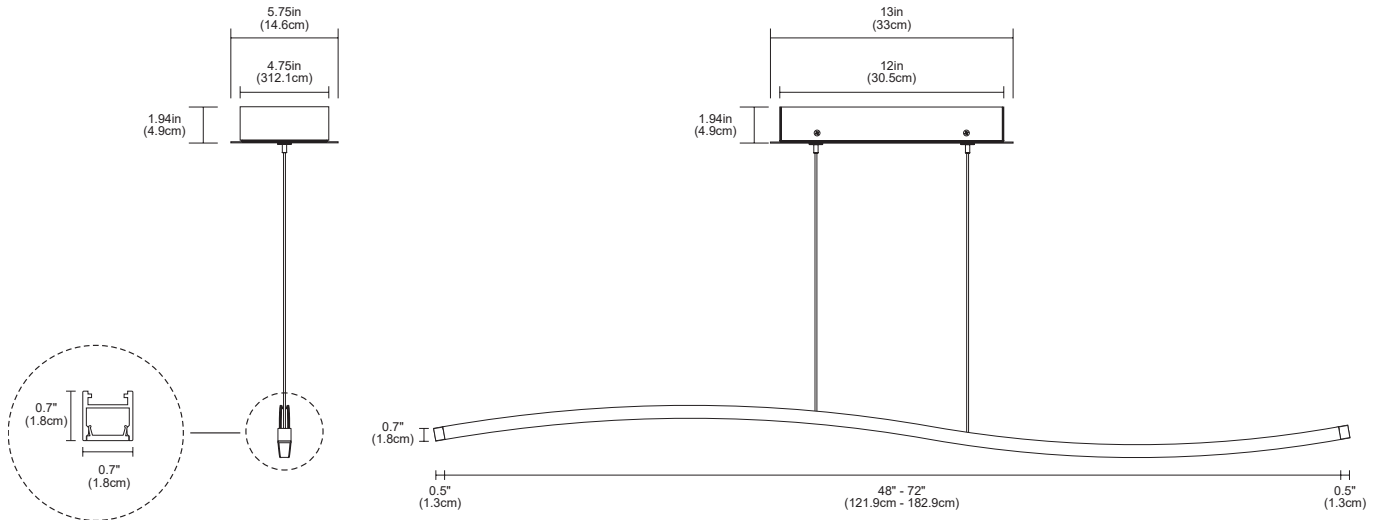
Supplies: PSB-2X96W-010-24VDC: Class 2 (24VDC wires, no conduit to Jbox)
PSB-2X200W-010-24VDC: UL 2108 (24VDC wires require conduit to Jbox)

Dimming: Dimmable with 0-10 dimmer: Philips: Sunrise SR1200ZTUNV; Lutron: Diva DDTV-WH, Nova-T NTSTV-DV-XX, Grafix Eye QS QSGRJ-XP, Radio RA2 RRD-1-ND; Leviton: LEV40050, IP710-LFZ; Legrand ADPD4FBL3P2W4



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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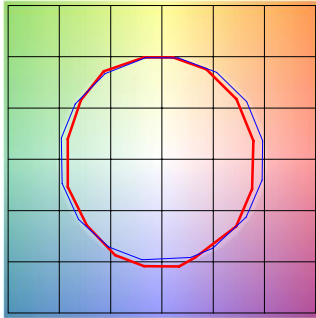
TM30 DATA

DYNAMIC/TUNABLE 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

2000K ONLY (2K6K/27K6) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

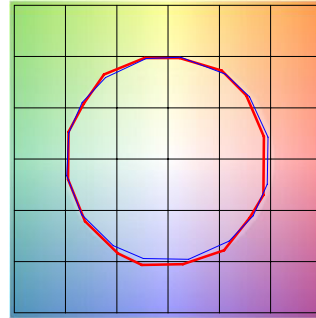


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

3000K (2K6K/27K6) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

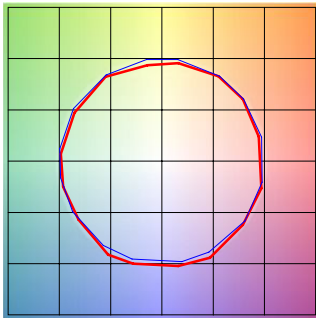


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

4000K ONLY (2K6K/27K6) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic

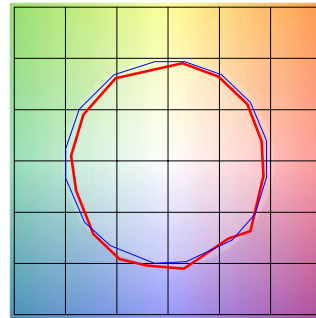


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

6500K ONLY (2K6K/27K6) | Rf: 86.8 | Rg: 96.8

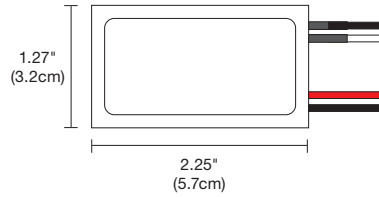
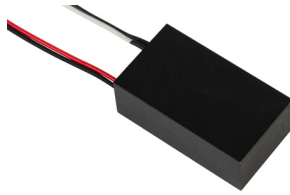
Color Vector Graphic



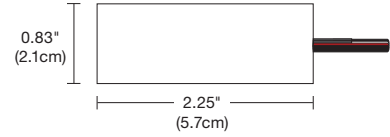
■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	86.5	-4.7%	0.8%
2	91.9	-2.5%	3.1%
3	91.2	-2.0%	1.9%
4	91.2	-1.6%	1.4%
5	85.7	-6.2%	-0.9%
6	92.9	-3.5%	-1.0%
7	92.1	-4.7%	0.7%
8	85.2	-5.8%	4.9%
9	82.8	-6.2%	14.3%
10	77.1	-0.7%	15%
11	72.1	5.8%	14.1%
12	91.6	4.0%	1.0%
13	89.9	5.6%	-2.3%
14	90.5	-1.8%	-3.7%
15	81.6	6.5%	-13.9%
16	92.8	-3.6%	-0.4%

PROJECT		FIXTURE TYPE		DATE	
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Top View



Side View

DESCRIPTION

Compact, lightweight remote electronic 60W/24V LED Power Supply* converts standard 120VAC voltage to 24VDC and features a Soft Start, built in short circuit protection, overload protection, and thermal overload protection. The low voltage output may be dimmed using an electronic low voltage dimmer (Reverse Phase/Trailing Edge). The Power Supply is certified to be used inside a standard Junction Box enclosure. Indoor applications only. 40 watt options available for 240V and 277V inputs.

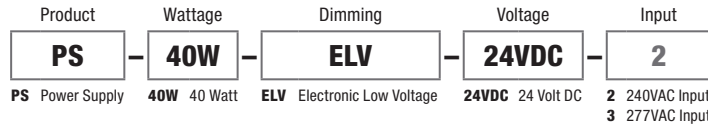
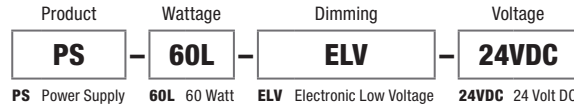
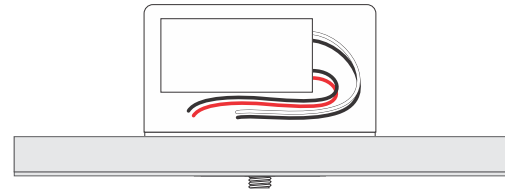
*Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use UNI driver power supplies with this breaker.
**ELV power supplies are not compatible with nLight, use only 0-10 volt or Uni driver power supplies

APPLICATIONS

Indoor*

*Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.

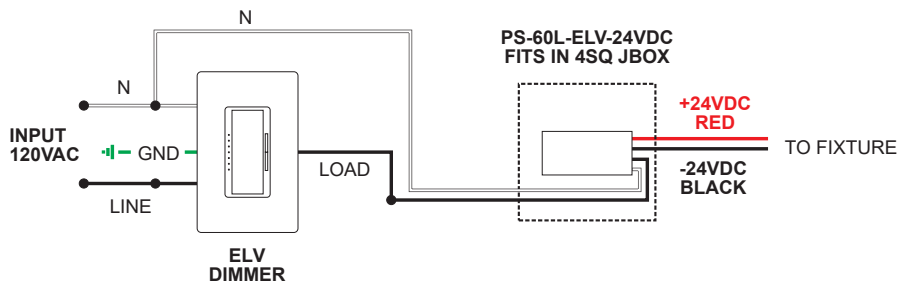
POWER INPUT	120 volts AC, 60Hz
POWER OUTPUT	Class 2; 24 volts DC 2.5A 60 watt maximum, 40 watt for 240V or 277V inputs
DIMENSIONS	2.25" x 1.27" x 0.83"
DIMMER TYPE	Electronic Low Voltage Dimmer Lutron: Diva #DVELV-300P; Skylark #SELV-300P; Maestro #MAELV-600; Legrand Adorne ADTP703TU



SAMPLE WIRING DIAGRAMS 24VDC ELV

Application: ELV dimming (Reverse Phase/Trailing Edge) for Static White

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	
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ZIPP WAVE

DYNAMIC/TUNABLE DOWNLIGHT WITH POWER - CENTER FEED



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

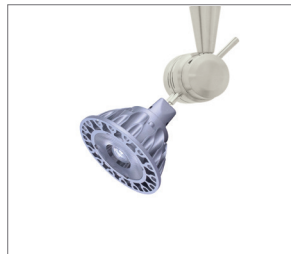
Fast Jack Form
Round or Square 2-Head
Fixture Finishes: SN, PN



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

SN	Satin Nickel	PN	Polished Nickel	BZ	Antique Bronze	WH	White	BK	Black
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PROJECT		FIXTURE TYPE		DATE	
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12VAC LED MR16

REV 01.13.22

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	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	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	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	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 01.13.22

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

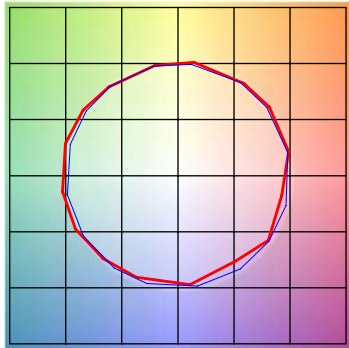
8MR16/LED/40/35K/90CRI/12V 8 watt; LED MR16; 3500K; 40° beam spread; GU5.3 base; 12 volts. Features: Silver back MR16 reflector. Direct replacements for 75 watt Halogen lamps - uses only 8 watts. Dimmable. No UV or IR radiation. Approved for enclosed fixtures.

PROJECT		FIXTURE TYPE		DATE	
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SORAA VIVID MR16 36° FL

3000K | Rf: 90.4 | Rg: 99.5

Color Vector Graphic



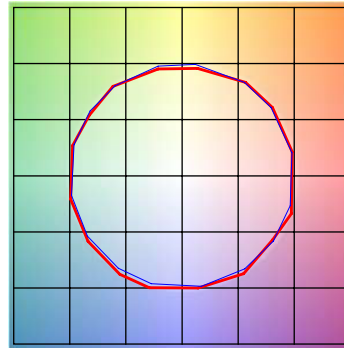
■ Test ■ Reference

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



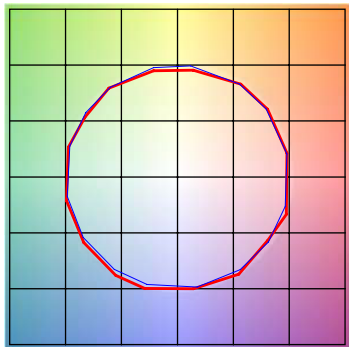
■ Test ■ Reference

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



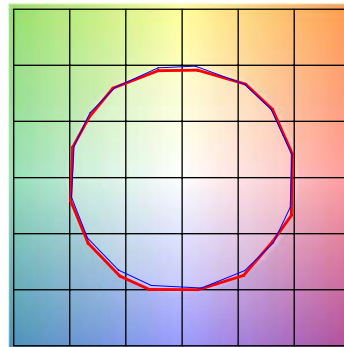
■ Test ■ Reference

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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