



REV.09.25.18 DESIGNED BY GREGORY KAY I ASSEMBLED IN AMERICA



DESCRIPTION

Reveal Wall Wash, a 24VDC linear LED system, features a shallow, plaster-in aluminum extrusion no thicker than drywall. The system may be secured directly to studs without joist modification and plastered into 5/8" thick drywall, or between studs with mounting clips provided. Must be mounted 18"-24" away from projected wall. Sold in 1' increments up to 20' (5WDC), 16' (6WDC), 12' (7WDC), or 10' (10WDC) and field cuttable to any length. Several color temperature options are available, including 2200K-5700K (ELV/010), Warm Dim (ELV), Tunable White (ELV/010/DMX), RGB and RGB+W (DMX). High CRI commercial-grade White or Dynamic Color Changing LED Soft Strip projects a clean line of light. Coordinate installation with electrician and drywall contractors. Includes a 5 year pro-rated warranty.

DESIGN NOTE

Reveal Wall Wash is an ideal wall washing solution for contemporary spaces. Multiple runs of channel mount seamlessly together and may wrap inside corners to wash surrounding walls with uniform controlled illumination up to 95+ CRI.

APPLICATIONS

Indoor damp or dry locations only. Wall Wash, General, and Retail

LAMP

The average LED Life is 50,000 hours.

WATTS PER FOOT	FINISH	LUM PER WATT	IENS PER FOOT	85+CRI 22K, 35K, 40K, 57K	90+CRI 2K4K	92+CRI 27D, 30D	95+CRI 27K 30K		RGB+W
5WDC	SA/WH	51	210	•	•	•	•	•	
6WDC	SA/WH	N/A	N/A						•
7WDC (7.5WDC)	SA/WH	48	320	•			•		
10WDC	SA	35	371	•			•		
10WDC	WH	42	529	•	•		•		

Lumen values are based on the 3000K LED test.

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

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

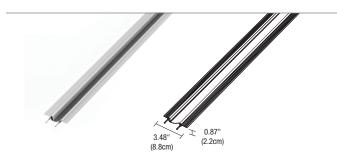
INCLUDED COMPONENTS

8' Channel, End Feed Power Channel Connector, Junction Box, Center Feed Power Connector, L-Shaped Outside Corner Channel Connector, L-Shaped Inside Corner Channelo Connector, Take-Up Box, Channel Joiners, Soft Strip Solderless Snap & Light Straight Joiner, LED Soft Strip(s)

^{*}In-Wall Mounting Kits available for select power supplies



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8' CHANNEL & LENS

8' Plaster-In Channel with Lens. LED Soft Strip (not included) may be installed flat in the channel. Allows for the creation of Reveal Wall Wash BIY systems. Field cuttable to any length. Includes Channel Joiners.



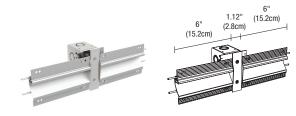




END FEED POWER CONNECTOR

Used when there is only one 24VDC power location. LEDs not included. Includes Junction Box, Adjustable Mounting Bars, Channel Joiners, and Channel Solderless Snap & Light Power Connectors.





CENTER FEED POWER CONNECTOR

Used in longer runs that require additional power feeds. LEDs not included. Includes Junction Box, Adjustable Mounting Bars, Channel Joiners, and Channel Solderless Snap & Light Power Connectors.



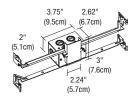


CHANNEL JOINERS

Ships as a pair to connect two channels together. Channel, Channel Connectors, and Power Feeds include Channel Joiners. Additional Channel Joiners may be necessary based on lighting design.







JUNCTION BOX

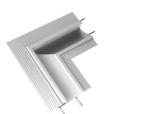
Included with each Reveal Wall Wash Channel order. Mounts behind drywall with Adjustable Mounting Bars. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is covered by Reveal Wall Wash Junction Box cover. Required at the beginning of each run and necessary to rough-in electrical before Reveal Wall Wash installation.







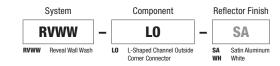
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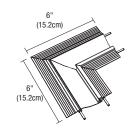


L-SHAPED OUTSIDE CORNER CHANNEL CONNECTOR

Allows for seamless runs following the contour of an outside corner. The Outside Corner Channel Connector comes in two Reflector Finish options and includes Channel Joiners. Does not include LEDs.

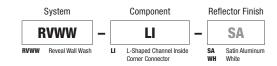






L-SHAPED INSIDE CORNER CHANNEL CONNECTOR

Allows for seamless runs following the contour of an inside corner. The Inside Corner Channel Connector comes in two Reflector Finish options and includes Channel Joiners. Does not include LEDs.





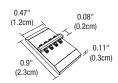


TAKE-UP BOX

Included with each order of Straight Channel and may also be ordered separately. Take-Up Box prevents dark spots at end of run and houses excess LED Soft Strip. LEDs not included.







SOFT STRIP SOLDERLESS SNAP & LIGHT STRAIGHT JOINER

Sold separately and joins two sections of LED Soft Strip in the channel. Used when replacing a section of LED Soft Strip.



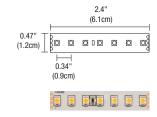




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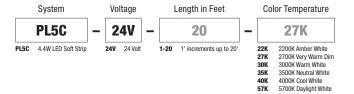
LED SOFT STRIP



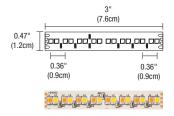


PL5C WHITE LED SOFT STRIP

Commercial-grade LED Soft Strip with high CRI LEDs, offering superior color rendering and enhanced color. Flexible copper strip with optically clear protective coating, and industrial strength 3M[™] tape backing. Dims with ELV or 0-10V dimmers (sold separately).





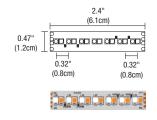


PL5C WARM DIM LED SOFT STRIP

Commercial-grade LED Soft Strip with high CRI LEDs, offering superior color rendering and enhanced color. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Dims with ELV dimmers (sold separately) and dim to 2200K.





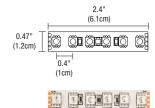


PL5C TUNABLE WHITE LED SOFT STRIP

Provides variable color temperatures of commercial-grade high CRI LEDs. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Compatible with DMX controls.

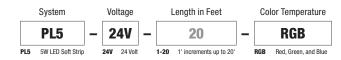






PL5 RGB LED SOFT STRIP

Provides dynamic color effects with Red, Green, and Blue LEDs. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Compatible with DMX controls.



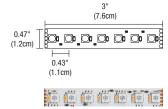




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LED SOFT STRIP



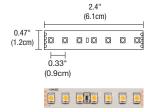


PL6 RGBW LED SOFT STRIP

Provides dynamic color effects with Red, Green, Blue, and White LEDs. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Compatible with DMX controls.

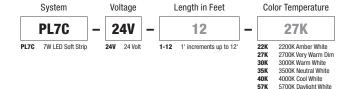




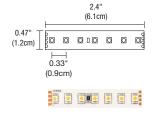


PL7C WHITE LED SOFT STRIP

Commercial-grade LED Soft Strip with high CRI LEDs, offering superior color rendering and enhanced color. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Dims with ELV or 0-10V dimmers (sold separately).

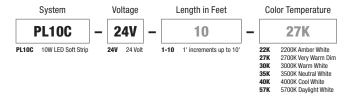




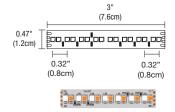


PL10C WHITE LED SOFT STRIP

Commercial-grade LED Soft Strip with high CRI LEDs, offering superior color rendering and enhanced color. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Dims with ELV or 0-10V dimmers (sold separately). Only for use with Reveal BIY.







PL10C TUNABLE WHITE LED SOFT STRIP

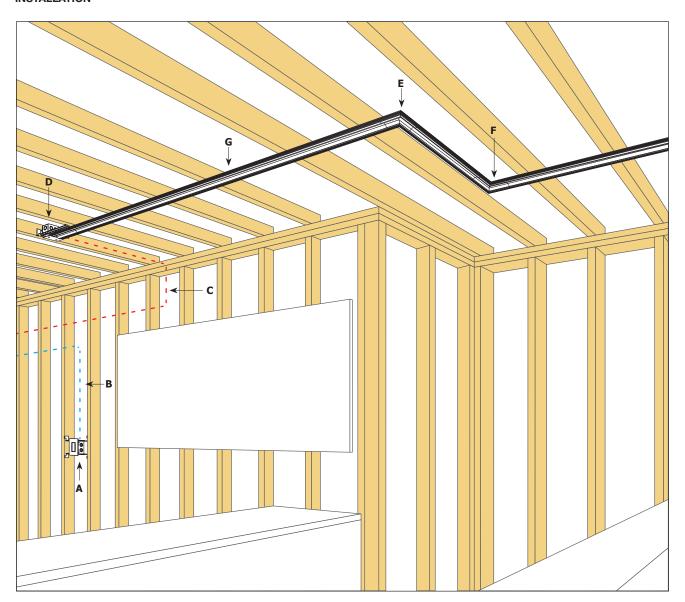
Provides variable color temperatures of commercial-grade high CRI LEDs. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Compatible with Dynamic Color Changing controls (sold separately). Only for use with Reveal BIY.



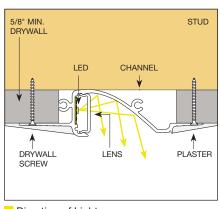


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INSTALLATION



- A. DIMMER OR SWITCH
- B. 120VAC WIRING TO 120V/24VDC REMOTE POWER SUPPLY, FOR IN-WALL MOUNTING KIT
- C. 24VDC, CLASS 2 WIRING
- D. END FEED POWER CONNECTOR WITH JUNCTION BOX
- E. L-SHAPED OUTSIDE CORNER CHANNEL CONNECTOR
- F. L-SHAPED INSIDE CORNER CHANNEL CONNECTOR
- G. REVEAL WALL WASH CHANNEL



Direction of Light





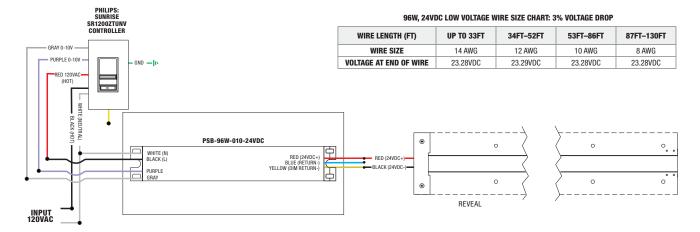
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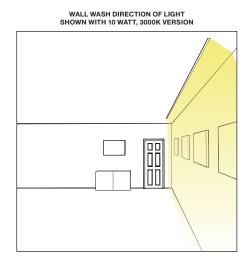
APPLICATION 0-10V dimming for Reveal BIY

POWER SUPPLY PSB-96W-010-24VDC (24VDC 96W output) | PSB-2X96W-010-24VDC (24VDC 2X96W output)

DIMMING Radio Ra2 (with GRX-TVI), Grafik Eye Qs (with GRX-TVI), Diva (with PP20); Nova T;

Philips: Sunrise SR1200ZTUNV; Leviton: IP710-LF









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5 WATTS PER FOOT - 22K, 27K, 27D, 30K, 30D, 35K, 40K, 57K, 2K4K AND RGB LEDS

LENGTH IN FEET	WATTS
1	5
2	10
3	16
4	20
5	24

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

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

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

6 WATTS PER FOOT - RGBW LEDS

LENGTH IN FEET	WATTS
1	6
2	12
3	18
4	24

LENGTH IN FEET	WATTS
5	30
6	36
7	42
8	48

LENGTH IN FEET	WATTS
9	54
10	60
11	66
12	72

LENGTH IN FEET	WATTS
13	78
14	84
15	90
16	96

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

LENGTH IN FEET	WATTS
1	8
2	15
3	23

LENGTH IN FEET	WATTS
4	30
5	38
6	45

LENGTH IN FEET	WATTS
7	53
8	60
9	68

LENGTH IN FEET	WATTS		
10	75		
11	83		
12	90		

10 WATTS PER FOOT - 22K, 27K, 30K, 35K, 40K, 57K AND 2K4K LEDS

LENGTH IN FEET	WATTS
1	10
2	20
3	30

WATTS
40
50
60

LENGTH IN FEET	WATTS			
7	70			
8	80			
9	90			

LENGTH IN FEET	WATTS
10	100





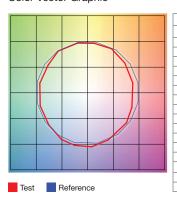
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TM-30-15 DATA

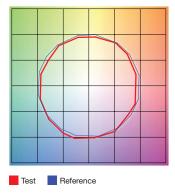
The data below is for SS2C, SS5C, SS7C, and SS10C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

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



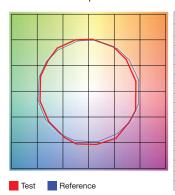
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%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

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



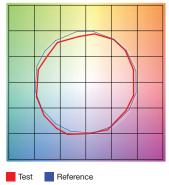
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	86.4	-5.6%	2.3%
2	89.7	-3.3%	3.1%
3	90.5	-1.5%	3.8%
4	90.0	-4.3%	1.1%
5	92.9	-3.7%	0.2%
6	93.5	-2.5%	-0.8%
7	86.3	-7.2%	2.5%
8	90.7	-4.0%	3.2%
9	85.2	-2.4%	8.1%
10	81.7	0.9%	10.8%
11	85.4	4.5%	8.9%
12	88.7	5.7%	-1.4%
13	88.3	1.3%	-7.9%
14	85.1	2.4%	-10.4%
15	88.1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

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



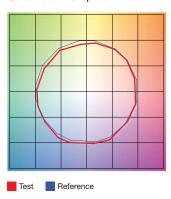
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.9%	-0.3%
2	87.9	-4.4%	4.3%
3	82.9	-1.2%	7.9%
4	89.9	0.6%	4.7%
5	92.7	3.0%	3.5%
6	92.7	3.6%	-1.7%
7	90.8	-1.3%	-4.4%
8	93.7	-2.5%	-2.2%
9	91.7	-3.7%	2.3%
10	85.5	-2.8%	7.8%
11	83.3	0.7%	11.0%
12	86.4	5.5%	3.8%
13	90.6	4.6%	-3.6%
14	85.6	5.9%	-8.4%
15	89.5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

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



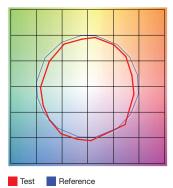
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%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

4000K | Rf: 87.6 | Rg: 96.8 Color Vector Graphic



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

5700K | Rf: 80.3 | Rg: 91.5 Color Vector Graphic



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



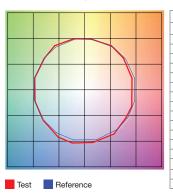


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TM-30-15 DATA

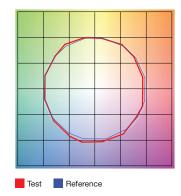
The data below is for SS2C, SS5C, SS7C, and SS10C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2700D | Rf: 89.5 | Rg: 100.8 Color Vector Graphic



		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%

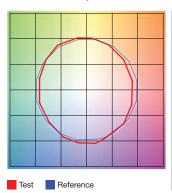
3000D | Rf: 89.8 | Rg: 101.4 Color Vector Graphic



		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%

2000K ONLY (2K4K) | Rf: 84.8 | Rg: 97.9

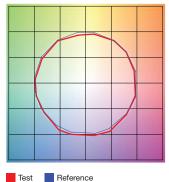
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	81.1	-8.7%	1.2%
2	79.8	-6.9%	7.9%
3	78.5	-2.6%	10.3
4	88.9	1.3%	6.2%
5	94.7	3.2%	2.2%
6	91.4	4.1%	-0.7%
7	88.1	-1.1%	-7.1%
8	90.3	-5.4%	-2.6%
9	88.3	-4.8%	2.6%
10	84.1	-3.8%	7.7%
11	84.8	2.3%	8.8%
12	86.2	4.8%	3.4%
13	86.0	6.4%	-12.2%
14	62.1	-1.0%	-18.9%
15	79.8	-2.7%	-13.1%
16	79.1	-7.8%	-10.4%

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

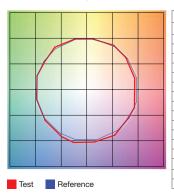
Color Vector Graphic



		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%

2K4K (3000K) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic



		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%