TruLine 1.6A BIY, 24VDC BUILD-IT-YOURSELF

Drywall

Drywall with Plaster & Paint

Description: TruLine 1.6A BIY (Build-It-Yourself) allows for creating more complex configurations using Pre-Formed Components for simplifying the installation process. The versatile 24VDC linear plaster-in LED system, creates glare-free, indoor architectural lighting. The system recesses into 5/8 inch thick drywall without joist modification. May be secured to studs that are spaced 13 – 24 inches apart, or between studs with mounting clips provided. TruLine 1.6A is sold in 1 foot increments up to 40 feet (5WDC, white LEDs only), 20 feet (10WDC, white, 2K4K or RGB LEDs) or 16 feet (12WDC, RGBW) and may be field-cut to any length. Several color temperature options are available, including 22K – 57K (ELV/010), Warm Dim (ELV), Tunable White (ELV/010/DMX), RGB and RGBW (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.

Applications: Indoor damp or dry locations only. General illumination and architectural accent for kitchens, offices, hospitality, retail, residences, libraries, hallways, and bath/vanity

Lamp: The average LED Life is 50,000 hours

Watts per Foot	Lumens per Watt	Lumens per Foot	85+CRI 22K, 35K, 40K, 57K	90+CRI 2K4K	92+CRI 27D, 30D	95+CRI 27K, 30K	RGB	RGBW
5WDC (2x2.5WDC)	77	386	•			•		
10WDC (2x5WDC)	71	698	•	•	•	•	•	
12WDC (2x6WDC)	N/A	N/A						•

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)

  *In-Wall Mounting Kits available for select power supplies

Picture Frame Installation Design Note:
TruLine 1.6A can be installed on a single surface (like a wall or ceiling), or on multiple planes that join runs from wall to ceiling, or from one wall to an adjacent wall. Add BIY Pre-Formed Components to create desired Picture Frame Installations.

Picture Frame Miter is the style of installation in which the electrician may create 90-degree turns on a single surface with L-Picture Frame Channel Connectors (TL1.6A-L) and/or L-Picture Frame Power Channel Connectors (TL1.6A-LP). The LED Soft Strip is installed on the side of channel and bends within L-shaped channel connectors to create continuous illumination on a wall or a ceiling.

Room Wrapping Design Note: TruLine can be installed on a single surface (like a wall or ceiling), or on multiple planes that join runs from wall to ceiling, or from one wall to an adjacent wall. Add BIY Pre-Formed Components to create desired Room Wrapping Installations.

Room Wrapping is the style of installation in which the electrician may create 90-degree angles with Inside Corner Channel Connectors (TL1.6A-IC) and/or Outside Corner Channel Connectors (TL1.6A-OC). The LED Soft Strip is installed flat in the back wall of the channel; and bend within inside or outside corners for seamless light across surfaces.

Pre-Formed Components: 8 Foot Channel and Lens, End Feed Power Channel Connector, Center Feed Power Channel Connector, L-Picture Frame Power Channel Connector, Junction Box, Outside Corner Channel Connector, Inside Corner Channel Connector, Channel Joiners, Take-Up Box, Channel Solderless Push & Light Straight Joiner Connector
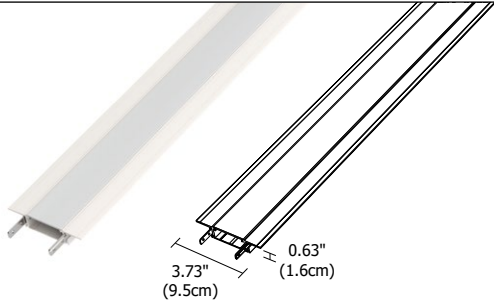
For custom design and layout assistance, send drawings to design@PureEdgeLighting.com

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TruLine 1.6A BIY, 24VDC BUILD-IT-YOURSELF PRE-FORMED COMPONENTS

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8 Foot Channel and Lens: 8-foot plaster-in channel with lens. (2) LED Soft Strips (not included) may be installed flat or on side of the channel. Allows for the creation of Truline 1.6A BIY systems. May be field-cut to any length, includes Channel Joiners.

3.73" (9.5cm)   0.63" (1.6cm)

| System		Component		Size
TL1.6A	-	**CHLN**	-	**8FT**
TL1.6A TruLine 1.6A		**CHLN** Channel and Lens		**8FT** 8 Feet
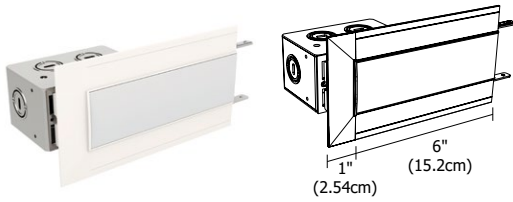
End Feed Power Channel Connector: Allows 24VDC power to be fed from either end of the channel. (2) LED Soft Strips (not included) may be installed flat or on side of the channel. Includes lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, and Channel Solderless Snap & Light Power Connectors.

6" (15.2cm)   1" (2.54cm)

| System		Component		Options
TL1.6A	-	**EP**	-	White & RGB (Leave Blank)
TL1.6A TruLine 1.6A	**EP** End Feed Power Channel Connector		**RGBW** Red, Green, Blue, and 2000K White	
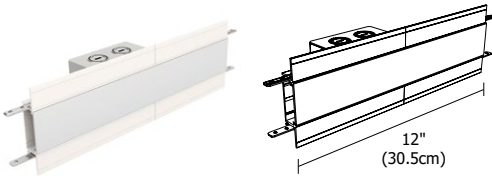
Center Feed Power Channel Connector: Allows 24VDC power to be fed from the center of the channel. (2) LED Soft Strips (not included) may be installed flat or on side of the channel. Includes lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, and Channel Solderless Snap & Light Power Connectors.

12" (30.5cm)

System		Component		Options
TL1.6A	-	**CFP**	-	White & RGB (Leave Blank)
TL1.6A TruLine 1.6A	**CFP** Center Feed Power Channel Connector		**RGBW** Red, Green, Blue, and 2000K White	
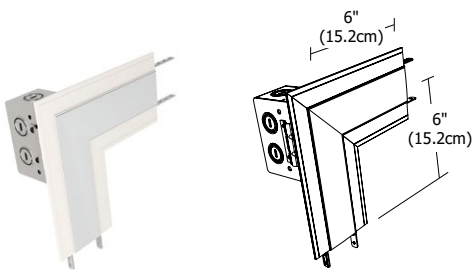
L-Picture Frame Power Channel Connector: Allows 24VDC power to be fed from corners for 90-degree turns (with power) in Picture Frame Installations. (2) LED Soft Strips (not included) bends on the side within connector to create continuous illumination on a wall or ceiling. LP2 version powers 2 separate LED Soft Strip sections. LED Soft Strip is installed on the side of channel. Includes lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, and Channel Solderless Snap & Light Power Connectors.

6" (15.2cm)   6" (15.2cm)

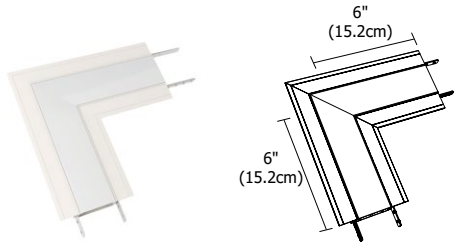| System		Component		Options
TL1.6A	-	LP	-	White & RGB (Leave Blank)
TL1.6A TruLine 1.6A	**LP** L-Picture Frame Power Channel Connector		**RGBW** Red, Green, Blue, and 2000K White	
	LP2 L-Picture Frame Dual Feed Power Channel Connector			
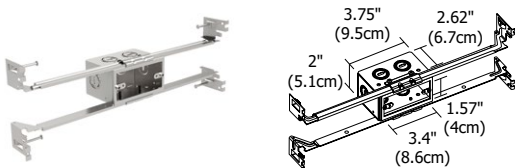
Junction Box: Included with End Feed Power Channel Connector, Center Feed Power Channel Connector, and L-Picture Frame Power Channel Connector. Mounts behind drywall with Adjustable Mounting Bars. Low voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is covered by the channel, and required at the beginning of each run. Quick shipment available to rough-in electrical wiring before drywall installation.

3.75" (9.5cm)   2.62" (6.7cm)   2" (5.1cm)   1.57" (4cm)   3.4" (8.6cm)

System		Size		Component
TL1.6A	-	**1RE**	-	**JBOX**
TL1.6A TruLine 1.6A		**1RE** 1" Rectangle		**JBOX** Junction Box

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L-Picture Frame Channel Connector: Allows for Picture Frame Installations on 90 degree turns. (2) LED Soft Strips (not included) bends on the side within connector to create continuous illumination on a wall or ceiling. LED Soft Strip is installed on the side of the channel. Includes lens and Channel Joiners.

6" (15.2cm)
6" (15.2cm)

| System		Component	
TL1.6A	-	**L**	
TL1.6A TruLine 1.6A		**L**	L-Picture Frame Channel Connector
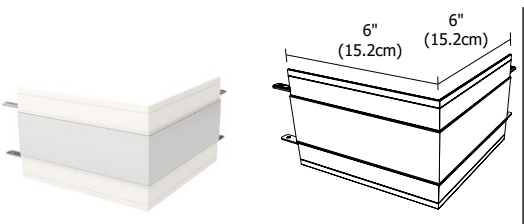
Outside Corner Channel Connector: Allows for Room Wrapping Installations on 90 degree outside corners. (2) LED Soft Strips (not included) bends flat within outside corners for seamless light across surfaces. For use from wall to ceiling or from one wall to an adjacent wall. Includes lens and Channel Joiners.

6" (15.2cm)
6" (15.2cm)

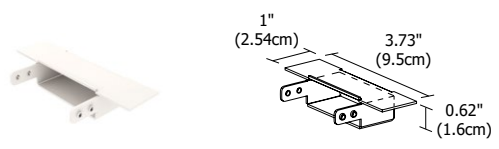| System		Component	
TL1.6A	-	**OC**	
TL1.6A TruLine 1.6A		**OC**	Outside Corner Channel Connector
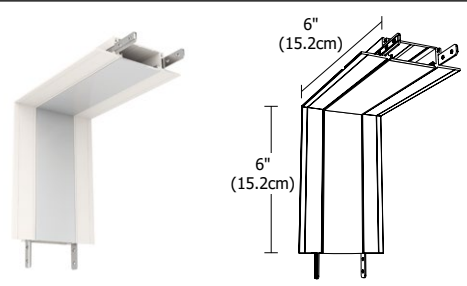
Inside Corner Channel Connector: Allows for Room Wrapping Installations on 90 degree inside corners. Includes lens and Channel Joiners. (2) LED Soft Strips (not included) bends flat within inside corners for seamless light across surfaces. For use from wall to ceiling or from one wall to an adjacent wall.

6" (15.2cm)
6" (15.2cm)

| System		Component	
TL1.6A	-	**IC**	
TL1.6A TruLine 1.6A		**IC**	Inside Corner Channel Connector
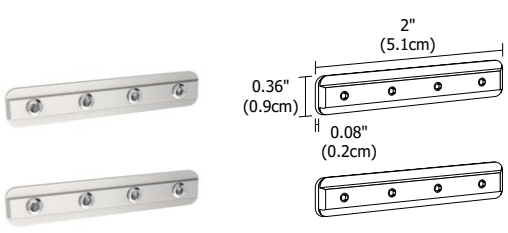
Channel Joiners: Included with straight channel, channel connectors, power feeds and Take-Up Box. Channel Joiners ship as a pair to connect two channels together. Additional channel joiners may be necessary based on lighting design.

2" (5.1cm)
0.36" (0.9cm)
0.08" (0.2cm)

Product		Type	
LCR	-	**SC**	
LCR TruLine Channel Joiner		**SC**	Straight Connector

Take-Up Box: Prevents dark spots at end of run by tucking excess LED Soft Strip safely behind wall. Includes Channel Joiners.

1" (2.54cm)
3.73" (9.5cm)
0.62" (1.6cm)

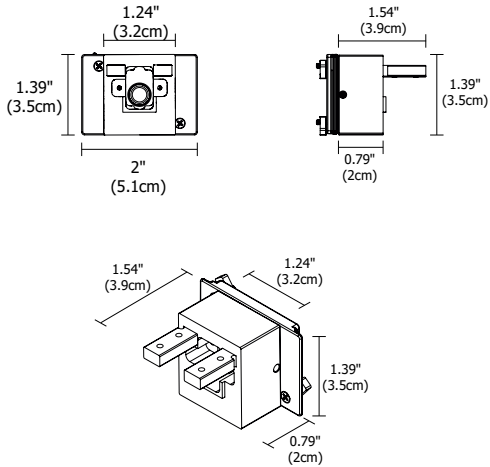| System		Component	
TL1.6A	-	**TBOX**	
TL1.6A TruLine 1.6A		**TBOX**	Take-Up Box
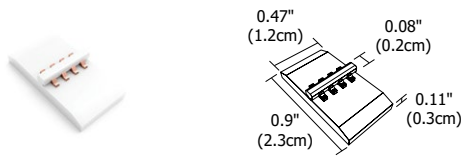
Soft Strip Solderless Snap & Light Straight Joiner: Sold separately, and joins 2 sections of LED Soft Strip in the channel. Used when replacing a section of LED Soft Strip.

0.47" (1.2cm)
0.08" (0.2cm)
0.11" (0.3cm)
0.9" (2.3cm)

Product		Type	
CH	-	**SLC**	
CH Channel	**SLC**		Snap & Light Straight Joiner, 4 wire (27K-57K, 27D, 30D, and 2K4K)
	SLC-RGBW		Snap & Light Straight Joiner, 5 wire (RGB+W)

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1.24"
(3.2cm)

1.54"
(3.9cm)

1.39"
(3.5cm)

1.39"
(3.5cm)

2"
(5.1cm)

0.79"
(2cm)

1.54"
(3.9cm)

1.24"
(3.2cm)

1.39"
(3.5cm)

0.79"
(2cm)
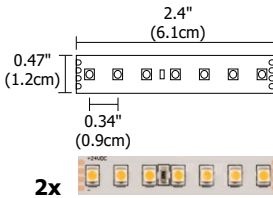
In and Out Connector to Nova Modular Ceiling and Suspension:
TruLine 1.6A In and Out Connector joins the end of Edge Lighting's Nova Modular Ceiling or Suspension systems to TruLine 1.6A recessed extrusion.

System		Type		Finish
TL1.6A-IO-NOV	**-**	**CA**	**-**	**SN**
TL1.6A-IO-NOV	TruLine 1.6A to Nova Modular Ceiling or Suspension	**CA** End Cap	**SN**	Satin Nickel

1.24"
(3.2cm)

1.54"
(3.9cm)

1.39"
(3.5cm)

1.39"
(3.5cm)

2"
(5.1cm)

0.79"
(2cm)

1.54"
(3.9cm)

1.24"
(3.2cm)

1.39"
(3.5cm)

0.79"
(2cm)
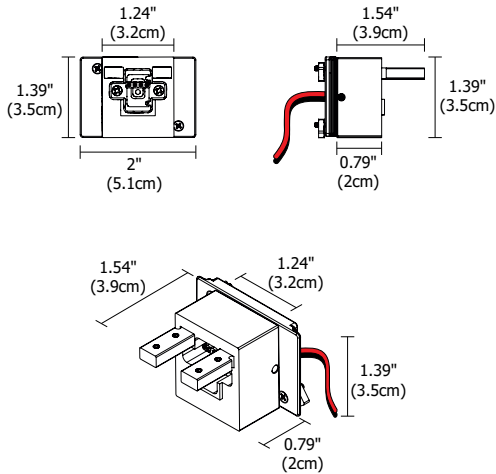
In and Out Power Connector to nova Modular Ceiling or Suspension:
TruLine 1.6A In and Out Connector joins and provides power from the end of Edge Lighting's Nova Modular Ceiling or Suspension systems to TruLine 1.6A recessed extrusion.

System		Type		Finish
TL1.6A-IO-NOV	**-**	**CAP**	**-**	**SN**
TL1.6A-IO-NOV	TruLine 1.6A to Nova Modular Ceiling or Suspension	**CAP** End Cap Power	**SN**	Satin Nickel

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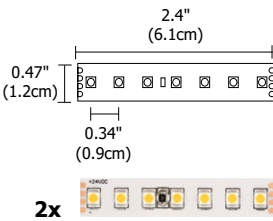
LED SOFT STRIP

2.4"
(6.1cm)

0.47"
(1.2cm)

0.34"
(0.9cm)

2x

SS2C White LED Soft Strip: Commercial-grade (2) LED Soft Strips 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).

| System	Voltage	Length in Feet	Color Temperature	
SS2C	- **24V**	- **40**	- **27K**	
SS2C 2x2.5W LED Soft Strip	**24V** 24 Volt	**1-40** 1 foot increments up to 40 feet	**22K** 2200K Amber White **27K** 2700K Very Warm White **30K** 3000K Warm White	**35K** 3500K Neutral White **40K** 4000K Cool White **57K** 5700K Daylight White

2.4"
(6.1cm)

0.47"
(1.2cm)

0.34"
(0.9cm)

2x

SS5C White LED Soft Strip: Commercial-grade (2) LED Soft Strips 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).

System	Voltage	Length in Feet	Color Temperature	
SS5C	- **24V**	- **20**	- **27K**	
SS5C 2x4.4W LED Soft Strip	**24V** 24 Volt	**1-20** 1 foot increments up to 20 feet	**22K** 2200K Amber White **27K** 2700K Very Warm White **30K** 3000K Warm White	**35K** 3500K Neutral White **40K** 4000K Cool White **57K** 5700K Daylight White

3"
(7.6cm)

0.47"
(1.2cm)

0.36"
(0.9cm)

0.36"
(0.9cm)

2x
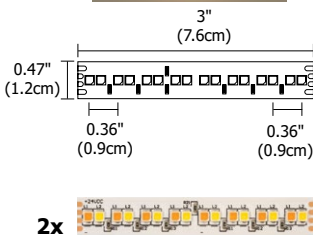
SS5C Warm Dim LED Soft Strip: Commercial-grade (2) LED Soft Strips with high CRI LEDs, offering superior color rendering and enhanced color. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Dims with ELV dimmers (sold separately) and dim to 2200K.

System	Voltage	Length in Feet	Color Temperature
SS5C	- **24V**	- **20**	- **27D**
SS5C 2x5W LED Soft Strip	**24V** 24 Volt	**1-20** 1 foot increments up to 20 feet	**27D** 2700K Warm Dim **30D** 3000K Warm Dim

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LED SOFT STRIP
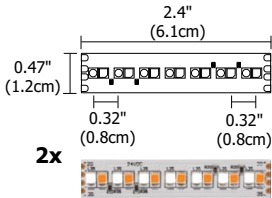
SS5C Tunable White LED Soft Strip: Provides variable color temperatures of commercial-grade (2) LED Soft Strips with high CRI LEDs. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Compatible with DMX controls (sold separately).

2.4"
(6.1cm)

0.47"
(1.2cm)

0.32"
(0.8cm)

0.32"
(0.8cm)

2x

System	Voltage	Length in Feet	Color Temperature
SS5C	- **24V**	- **20**	- **2K4K**
SS5C 2x5W LED Soft Strip	**24V** 24 Volt	**1-20** 1 foot increments up to 20 feet	**2K4K** Tunable White 2000K - 4000K
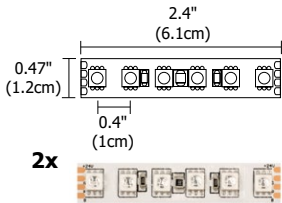
SS5 RGB LED Soft Strip: (2) LED Soft Strips provide dynamic color effects with red, green and blue LEDs. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing. Compatible with DMX controls (sold separately)

2.4"
(6.1cm)

0.47"
(1.2cm)

0.4"
(1cm)

2x

System	Voltage	Length in Feet	Color Temperature
SS5	- **24V**	- **20**	- **RGB**
SS5 2x5W LED Soft Strip	**24V** 24 Volt	**1-20** 1 foot increments up to 20 feet	**RGB** Red, Green, and Blue

SS6 RGBW LED Soft Strip: (2) LED Soft Strips provide 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 (sold separately).

3"
(7.6cm)

0.47"
(1.2cm)

0.43"
(1.1cm)

2x

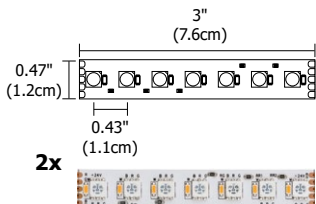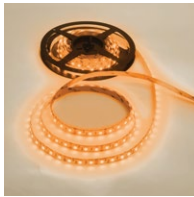| System	Voltage	Length in Feet	Color Temperature
SS6	- **24V**	- **16**	- **RGB+W**
SS6 6.3W LED Soft Strip	**24V** 24 Volt	**1-16** 1 foot increments up to 16 feet	**RGB+W** Red, Green, Blue, and 2000K White

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TruLine 1.6A BIY, 24VDC BUILD-IT-YOURSELF PRE-FORMED COMPONENTS

PICTURE FRAME INSTALLATION

A. Dimmer or Switch

B. 120VAC wiring

C. 120V/24VDC remote power supply with In-Wall Mounting Kit, for more remote power supplies

D. 24VDC, Class 2 wiring

E. End Feed Power Channel Connector with Junction Box

F. L-Picture Frame Channel Connector

G. Inside Corner Channel Connector
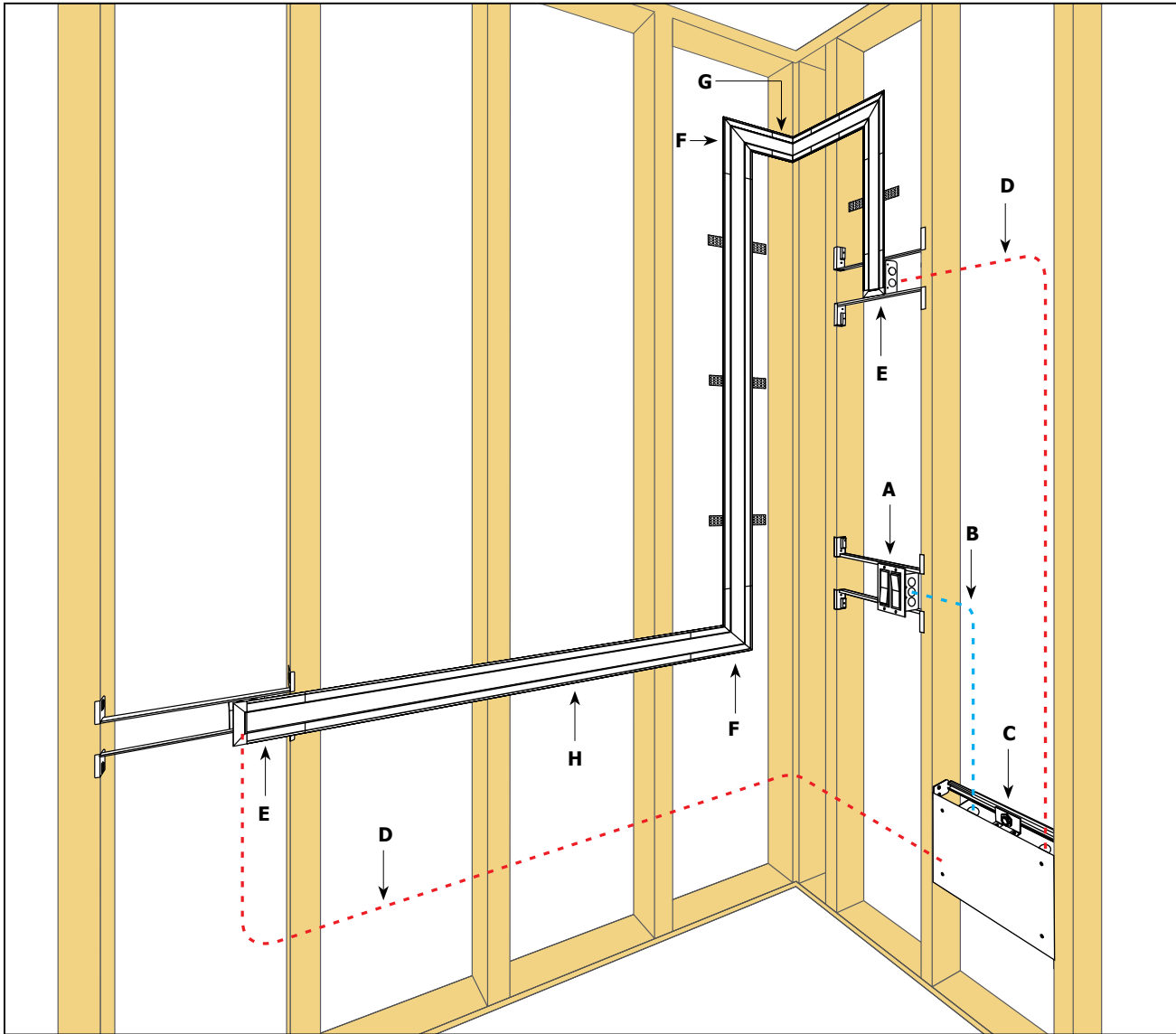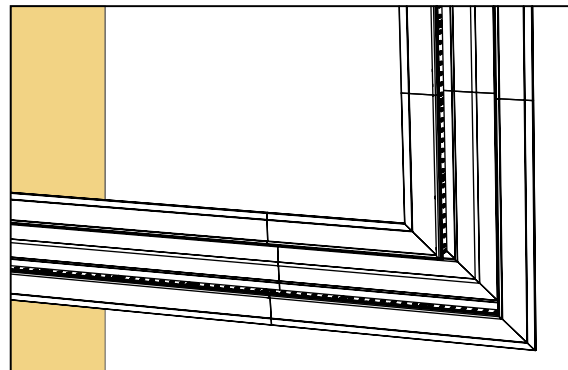
H. TruLine Channel

LEDs on Side of Channel

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TruLine 1.6A BIY, 24VDC BUILD-IT-YOURSELF PRE-FORMED COMPONENTS

ROOM WRAPPING INSTALLATION

LEDs on Back of Channel

A. Dimmer or Switch

B. 120VAC wiring

C. 120V/24VDC remote power supply with In-Wall Mounting Kit, for more remote power supplies

D. 24VDC, Class 2 wiring

E. End Feed Power Channel Connector with Junction Box

F. Inside Corner Channel Connector

G. Outside Corner Channel Connector

H. Take-Up Box

I. TruLine Channel

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TruLine 1.6A BIY, 24VDC BUILD-IT-YOURSELF PRE-FORMED COMPONENTS
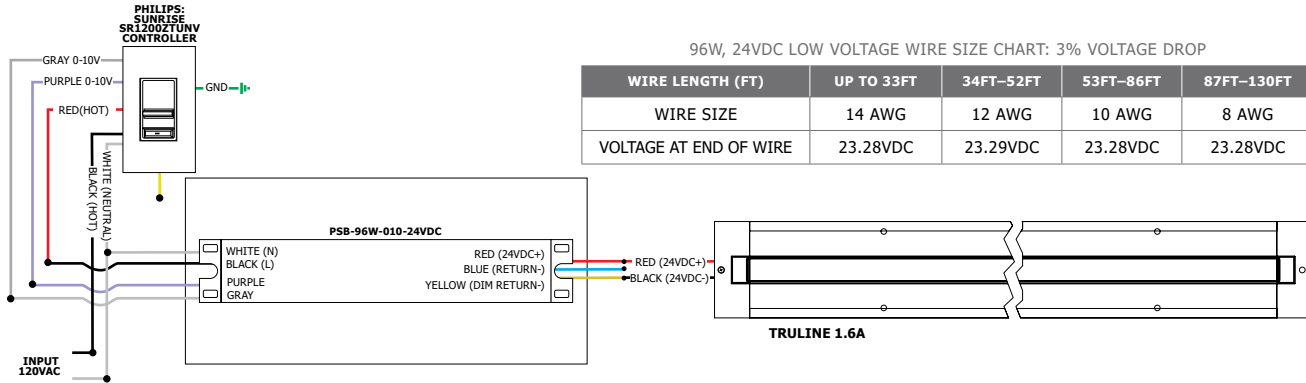
Application: 0-10V dimming for TruLine .5A

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.

96W, 24VDC LOW VOLTAGE WIRE SIZE CHART: 3% VOLTAGE DROP

WIRE LENGTH (FT)	UP TO 33FT	34FT–52FT	53FT–86FT	87FT–130FT
WIRE SIZE	14 AWG	12 AWG	10 AWG	8 AWG
VOLTAGE AT END OF WIRE	23.28VDC	23.29VDC	23.28VDC	23.28VDC

PHILIPS: SUNRISE SR1200ZTUNV CONTROLLER

GRAY 0-10V
PURPLE 0-10V
RED(HOT)
WHITE (NEUTRAL)
BLACK (HOT)
GND

PSB-96W-010-24VDC

WHITE (N)
BLACK (L)
PURPLE
GRAY

RED (24VDC+)
BLUE (RETURN-)
YELLOW (DIM RETURN-)

RED (24VDC+)
BLACK (24VDC-)

INPUT 120VAC

TRULINE 1.6A

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

LENGTH IN FEET	WATTS
1	3
2	5
3	8
4	10
5	13
6	15
7	17
8	20
9	22
10	24

LENGTH IN FEET	WATTS
11	27
12	29
13	32
14	34
15	37
16	39
17	41
18	44
19	46
20	48

LENGTH IN FEET	WATTS
21	51
22	54
23	56
24	58
25	61
26	63
27	66
28	68
29	70
30	72

LENGTH IN FEET	WATTS
31	75
32	78
33	80
34	82
35	85
36	87
37	90
38	92
39	94
40	96

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	30
7	34
8	40
9	44
10	48

LENGTH IN FEET	WATTS
11	54
12	58
13	64
14	68
15	72

LENGTH IN FEET	WATTS
16	78
17	82
18	88
19	92
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

COMPANY		FIXTURE TYPE		DATE	
PROJECT		APPROVED BY			

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PURE LIGHTING

TruLine 1.6A BIY, 24VDC BUILD-IT-YOURSELF PRE-FORMED COMPONENTS

TM-30-15 DATA: The data below is for SS2C and SS5C 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.

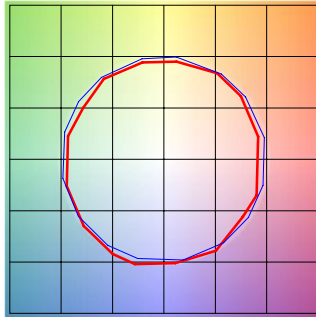## 2200K | Rf: 83.9 | Rg: 94.9

COLOR VECTOR GRAPHIC
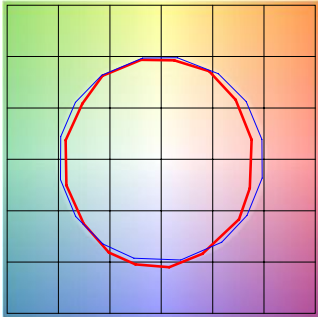
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	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

■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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
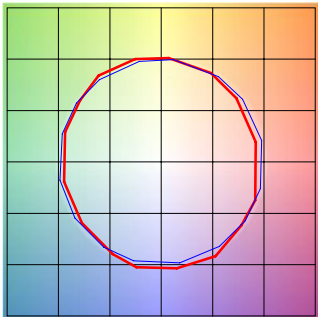
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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
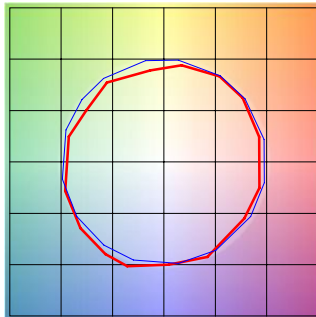
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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
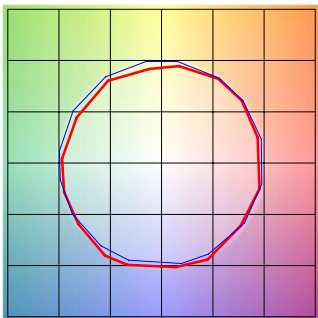
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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
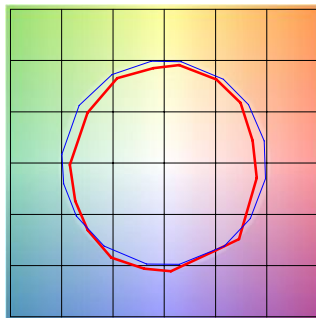
■ Test ■ Reference

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%

COMPANY		FIXTURE TYPE		DATE	
PROJECT		APPROVED BY			

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PURE LIGHTING

TruLine 1.6A BIY, 24VDC BUILD-IT-YOURSELF PRE-FORMED COMPONENTS

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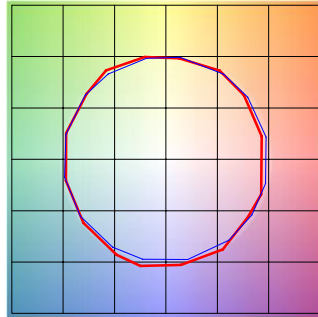## 2700D | Rf: 89.5 | Rg: 100.8

COLOR VECTOR GRAPHIC
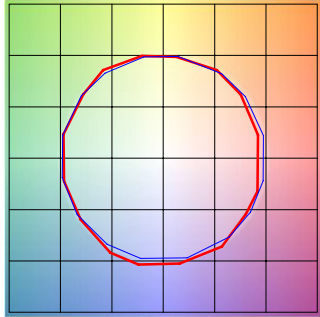
Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	GRAPHIC SHIFTS % 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	GRAPHIC SHIFTS % 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: 84.3 | Rg: 96.9

COLOR VECTOR GRAPHIC
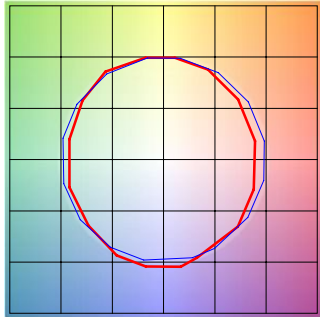
Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	GRAPHIC SHIFTS % 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%

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

COLOR VECTOR GRAPHIC
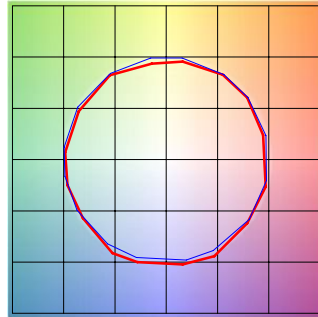
Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	GRAPHIC SHIFTS % 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	-0.0%	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
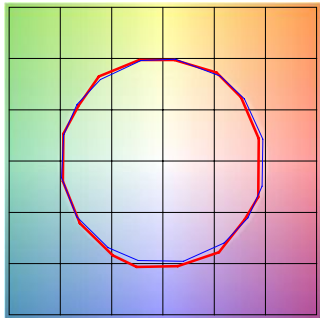
Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	GRAPHIC SHIFTS % 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%

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PURE LIGHTING