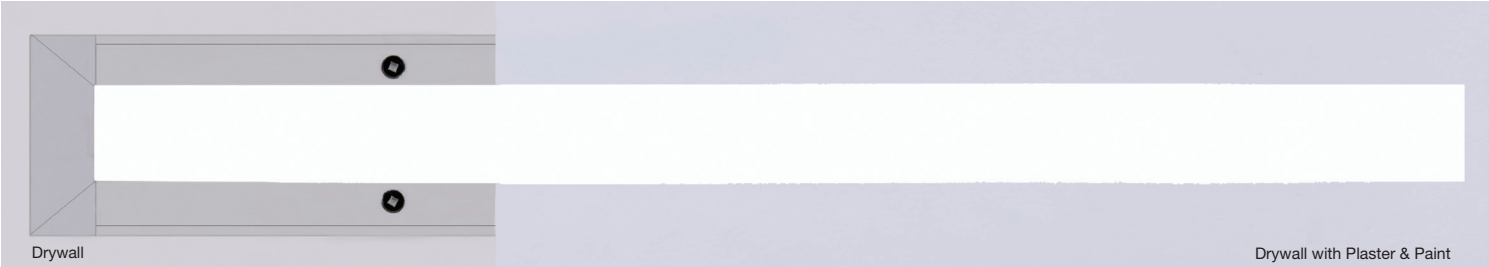
TruLine 1.6A 24VDC - BUILD-IT-YOURSELF PLASTER-IN LED SYSTEM

REV.01.10.19

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



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 a glare-free, smooth line of light, indoor architectural lighting. The system recesses into 5/8" thick drywall without joist modification. May be secured to studs that are spaced 13"-24" apart, or between studs with mounting clips provided. TruLine 1.6A is sold in 1' increments up to 40' (2x2.5WDC, White LEDs only), 20' (2x4.4WDC, White, 2K4K or RGB LEDs) or 16' (2x6.3WDC, RGB+W) and may be 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.

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 24K, 2K4K	92+CRI 27D, 30D	95+CRI 27K, 30K	RGB	RGB+W
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

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 or Room Wrapping Installations.

PICTURE FRAME INSTALLATION DESIGN NOTE

Picture Frame Miter is the style of installation in which the electrician may create 90° 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 the channel and bends within L-Shaped Channel Connectors to create continuous illumination on a wall or a ceiling.

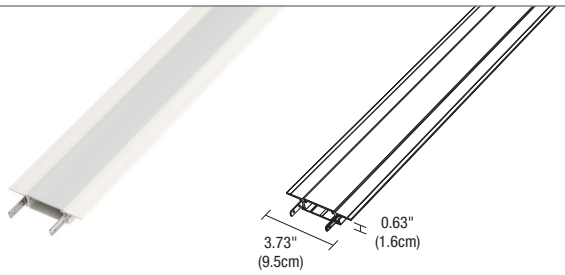
ROOM WRAPPING DESIGN NOTE

Room Wrapping is the style of installation in which the electrician may create 90° 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' 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

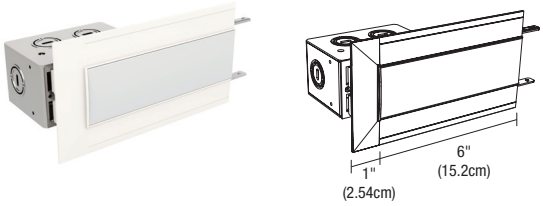
PROJECT		FIXTURE TYPE		DATE	



8' CHANNEL & LENS

8' Plaster-In Channel with Lens and two LED Soft Strips (not included) may be installed flat or on the side of the channel. Allows for the creation of Truline 1.6A BIY systems. Field cuttable to any length. Includes Channel Joiners.

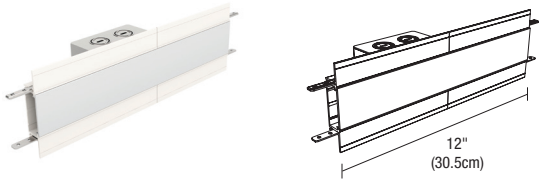
System		Component		Size
TL1.6A	–	CHLN	–	8FT
TL1.6A TruLine 1.6A		**CHLN** Channel and Lens		**8FT** 8'



END FEED POWER CHANNEL CONNECTOR

Allows 24VDC power to be fed from either end of the channel and two LED Soft Strips (not included) may be installed flat or on the side of the channel. Includes Lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, and Channel Solderless Snap & Light Power Connectors.

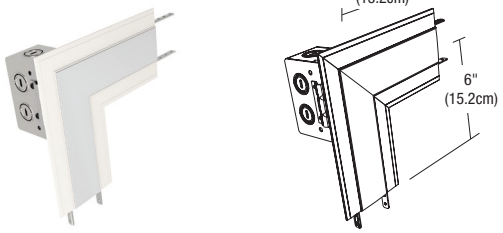
System		Component		Options
TL1.6A	–	EP	–	WHITE & RGB (LEAVE BLANK)
TL1.6A TruLine 1.6A		**EP** End Feed Power Channel Connector		**RGBW** Red, Green, Blue and 2000K White



CENTER FEED POWER CHANNEL CONNECTOR

Allows 24VDC power to be fed from the center of the channel and two 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.

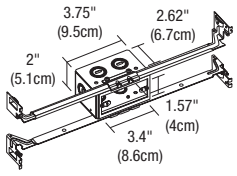
System		Component		Options
TL1.6A	–	CFP	–	WHITE & RGB (LEAVE BLANK)
TL1.6A TruLine 1.6A		**CFP** Center Feed Power Channel Connector		**RGBW** Red, Green, Blue and 2000K White



L-PICTURE FRAME POWER CHANNEL CONNECTOR

Allows 24VDC power to be fed from corners for 90° turns (with power) in Picture Frame Installations and two LED Soft Strips (not included) bends on the side within the connector to create continuous illumination on a wall or ceiling. LP2 version powers two separate LED Soft Strip sections. LED Soft Strip is installed on the side of the channel. Includes Lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, and Channel Solderless Snap & Light Power Connectors.

System		Component		Options
TL1.6A	–	LP	–	WHITE & RGB (LEAVE BLANK)
TL1.6A TruLine 1.6A		**LP** L-Picture Frame Power Channel Connector **LP2** L-Picture Frame Dual Feed Power Channel Connector		**RGBW** Red, Green, Blue and 2000K White

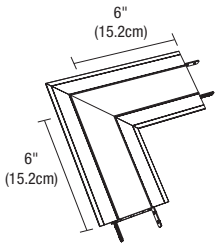


JUNCTION BOX

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.

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

PROJECT		FIXTURE TYPE		DATE	

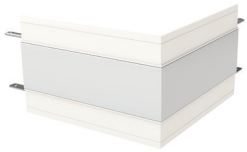


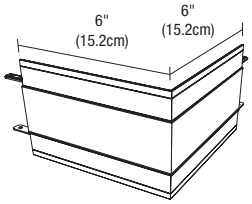
L-PICTURE FRAME CHANNEL CONNECTOR

Allows Picture Frame installation 90° turns and two LED Soft Strips (not included) bends on the side within the 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.

System		Component
TL1.6A	–	**L**

TL1.6A TruLine 1.6A
L L-Picture Frame Channel Connector



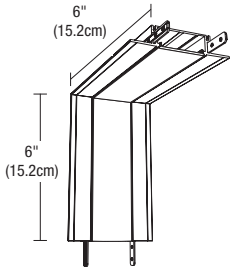


OUTSIDE CORNER CHANNEL CONNECTOR

Allows Room Wrapping installation 90° outside corners and two LED Soft Strips (not included) bends flat within the 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.

System		Component
TL1.6A	–	**OC**

TL1.6A TruLine 1.6A
OC Outside Corner Channel Connector

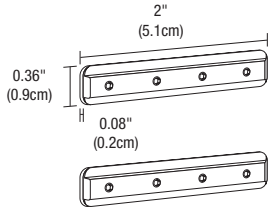


INSIDE CORNER CHANNEL CONNECTOR

Allows Room Wrapping installation 90° inside corners and two LED Soft Strips (not included) bends flat within the inside 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.

System		Component
TL1.6A	–	**IC**

TL1.6A TruLine 1.6A
IC Inside Corner Channel Connector

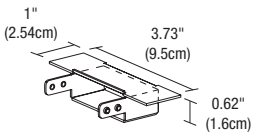


CHANNEL JOINERS

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.

Product		Component
LCR	–	**SC**

LCR TruLine Channel Joiner
SC Straight Connector

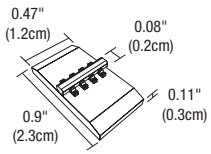


TAKE-UP BOX

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

System		Component
TL1.6A	–	**TBOX**

TL1.6A TruLine 1.6A
TBOX Take-Up Box



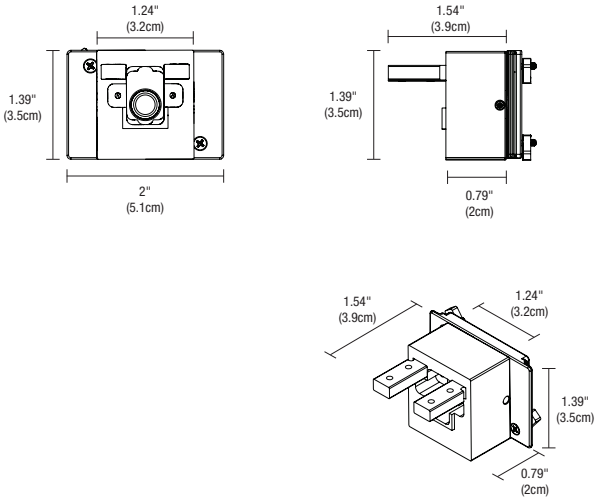
SOFT STRIP SOLDERLESS SNAP & LIGHT STRAIGHT JOINER

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

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)

PROJECT		FIXTURE TYPE		DATE	

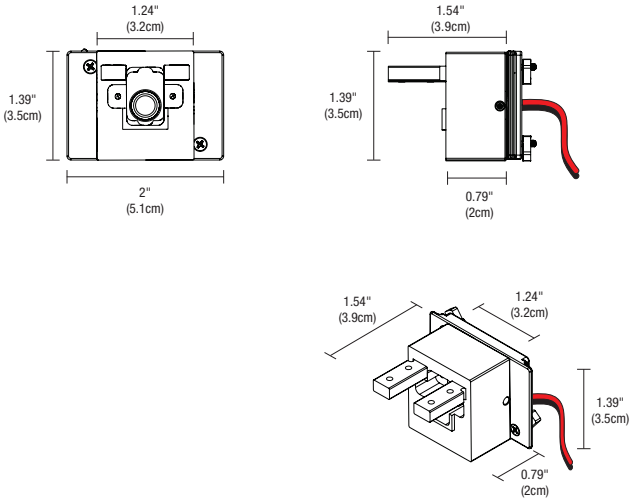


IN & OUT CONNECTOR TO NOVA MODULAR CEILING & SUSPENSION

TruLine 1.6A In & Out Connector joins the end of PureEdge 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



IN & OUT POWER CONNECTOR TO NOVA MODULAR CEILING & SUSPENSION

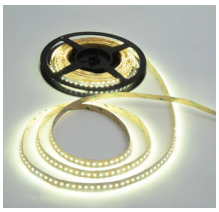
TruLine 1.6A In & Out Connector joins and provides power from the end of PureEdge Lighting's Nova Modular Ceiling or Suspension systems to TruLine 1.6A recessed extrusion.

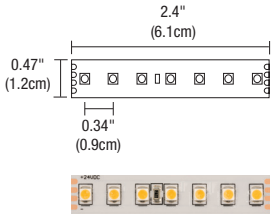
System		Type		Finish
TL1.6A-IO-NOV	–	**CAP**	–	**SN**

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

PROJECT		FIXTURE TYPE		DATE	

LED SOFT STRIP





PL2C 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).

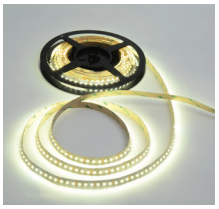
System		Voltage		Length in Feet		Color Temperature
PL2C	–	24V	–	40	–	27K

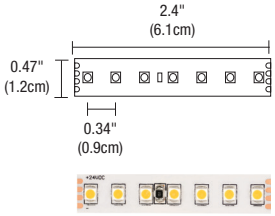
PL2C 2.5W LED Soft Strip

24V 24 Volt

1-40 1' increments up to 40'

22K 2200K Amber White
24K 2400K Very Warm White
27K 2700K Incandescent White
30K 3000K Warm White (Halogen)
35K 3500K Neutral White
40K 4000K Cool White
57K 5700K Daylight White





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).

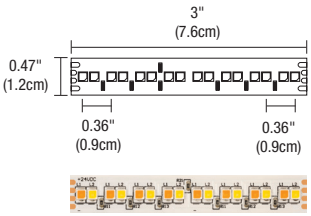
System		Voltage		Length in Feet		Color Temperature
PL5C	–	24V	–	20	–	27K

PL5C 4.4W LED Soft Strip

24V 24 Volt

1-20 1' increments up to 20'

22K 2200K Amber White
24K 2400K Very Warm White
27K 2700K Incandescent White
30K 3000K Warm White (Halogen)
35K 3500K Neutral White
40K 4000K Cool White
57K 5700K Daylight White



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.

System		Voltage		Length in Feet		Color Temperature
PL5C	–	24V	–	20	–	27D

PL5C 5W LED Soft Strip

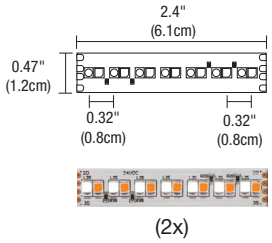
24V 24 Volt

1-20 1' increments up to 20'

27D 2700K Very Warm Dim
30D 3000K Warm White

PROJECT		FIXTURE TYPE		DATE	

LED SOFT STRIP



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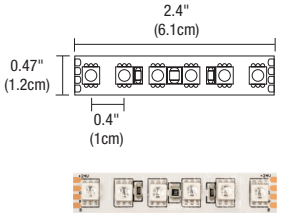
PL5C TUNABLE WHITE LED SOFT STRIP

Provides variable color temperatures of commercial-grade, two 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).

System	Voltage	Length in Feet	Color Temperature
PL5C	24V	20	2K4K
PL5C 2x5W LED Soft Strip	**24V** 24 Volt	**1-20** 1' increments up to 20'	**2K4K** Tunable White 2000K-4000K



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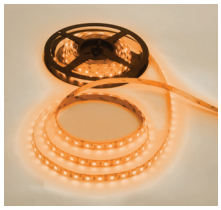
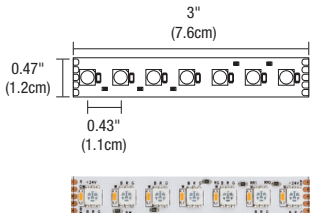
PL5 RGB LED SOFT STRIP

Two 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).

System	Voltage	Length in Feet	Color Temperature
PL5	24V	20	RGB
PL5 2x5W LED Soft Strip	**24V** 24 Volt	**1-20** 1' increments up to 20'	**RGB** Red, Green, and Blue





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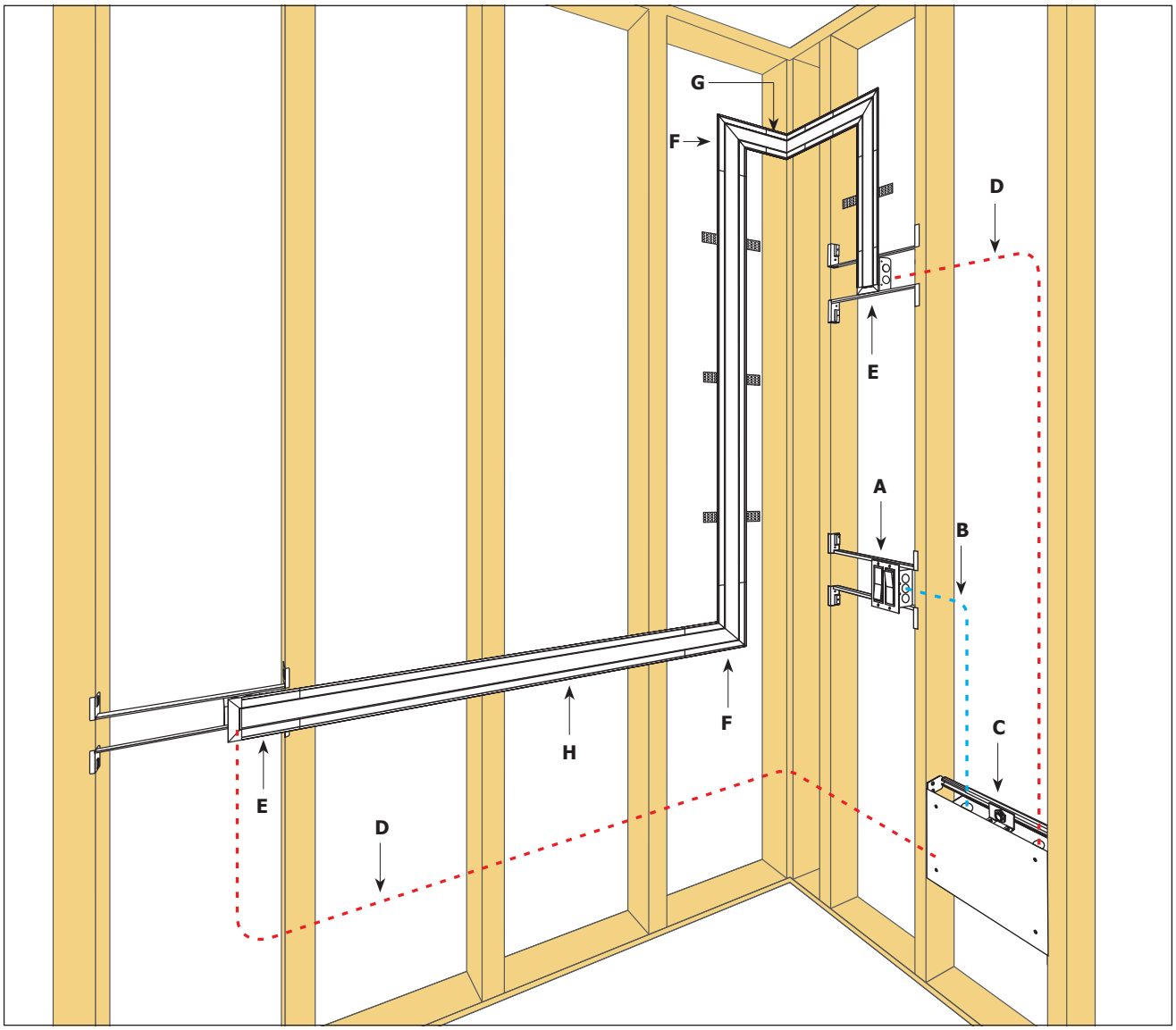
PL6 RGBW LED SOFT STRIP

Two 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).

System	Voltage	Length in Feet	Color Temperature
PL6	24V	16	RGB+W
PL6 2x6.3W LED Soft Strip	**24V** 24 Volt	**1-16** 1' increments up to 16'	**RGB+W** Red, Green, Blue, and 2000K White

PROJECT		FIXTURE TYPE		DATE	

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

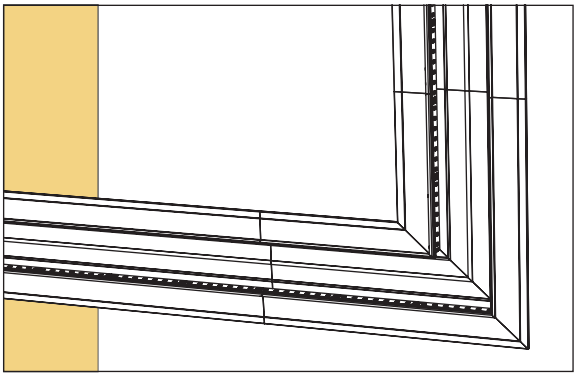
D. 24VDC, CLASS 2 WIRING

E. END FEED POWER CHANNEL CONNECTOR WITH JUNCTION BOX

F. L-PICTURE FRAME CHANNEL CONNECTOR

G. INSIDE CORNER CHANNEL CONNECTOR

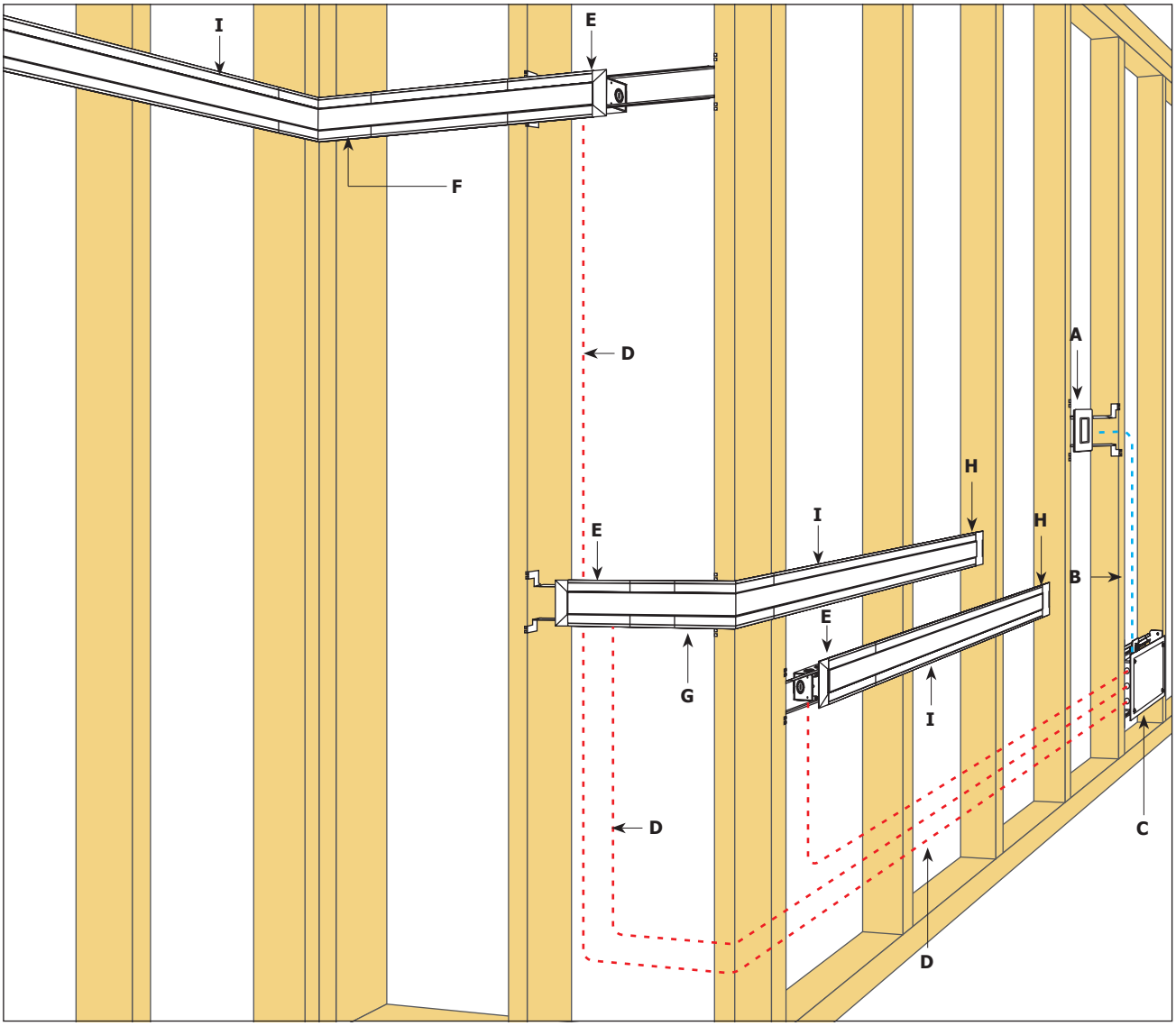
H. TruLine CHANNEL, LENS & LED SOFT STRIP



LEDs on the sides of the Channel for L-Turn

PROJECT		FIXTURE TYPE		DATE	

ROOM WRAPPING 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

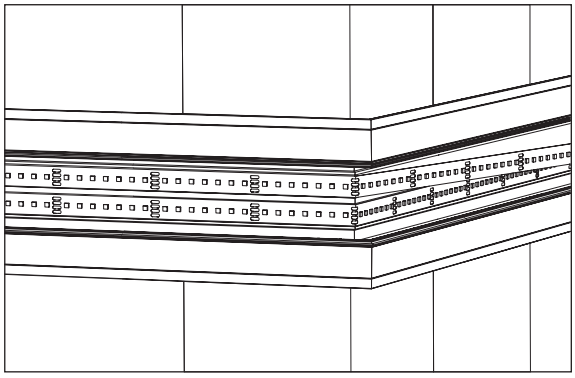
E. END FEED POWER CHANNEL CONNECTOR WITH JUNCTION BOX

F. INSIDE CORNER CHANNEL CONNECTOR

G. OUTSIDE CORNER CHANNEL CONNECTOR

H. TAKE-UP BOX

I. TruLine CHANNEL, LENS, & 2 LED SOFT STRIPS



LEDs mounted to the back of the Channel for outside Channel Connector

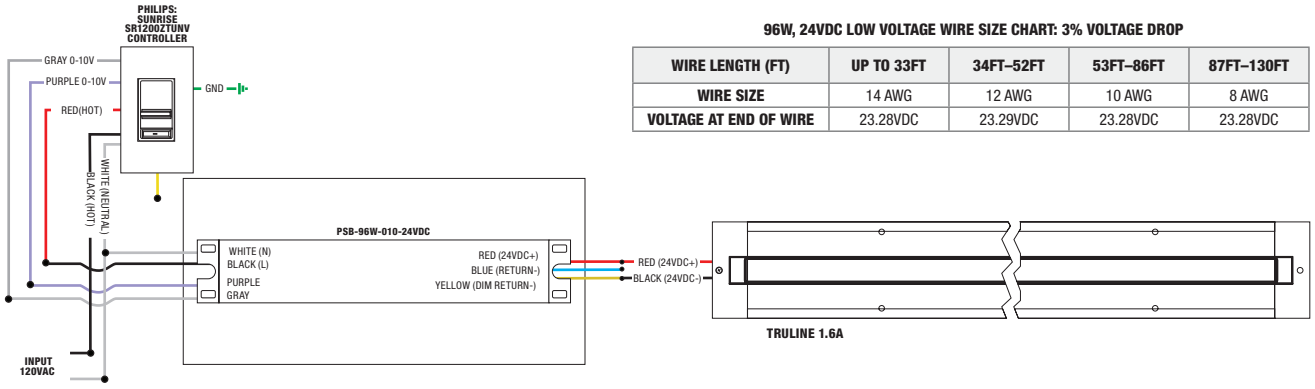
PROJECT		FIXTURE TYPE		DATE	

TruLine 1.6A 24VDC - BUILD-IT-YOURSELF PLASTER-IN LED SYSTEM

APPLICATION 0-10V dimming for TruLine 1.6A

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

5 WATTS PER FOOT - 22K, 24K, 27K, 30K, 35K, 40K AND 57K WHITE LEDS

LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS
1	5	11	53	21	2 x 51	31	2 x 74
2	10	12	58	22	2 x 53	32	2 x 77
3	14	13	63	23	2 x 55	33	2 x 79
4	19	14	67	24	2 x 58	34	2 x 82
5	24	15	72	25	2 x 60	35	2 x 84
6	29	16	77	26	2 x 62	36	2 x 86
7	34	17	82	27	2 x 65	37	2 x 89
8	38	18	87	28	2 x 67	38	2 x 91
9	43	19	91	29	2 x 70	39	2 x 94
10	48	20	96	30	2 x 72	40	2 x 96

10 WATTS PER FOOT - 22K, 24K, 27K, 27D, 30K, 30D, 35K, 40K, 57K, 2K4K AND RGB LEDS

LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS
1	10	6	58	11	2 x 53	16	2 x 77
2	19	7	67	12	2 x 58	17	2 x 82
3	29	8	77	13	2 x 62	18	2 x 87
4	38	9	86	14	2 x 67	19	2 x 91
5	48	10	96	15	2 x 72	20	2 x 96

12 WATTS PER FOOT - RGBW LEDS

LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS
1	12	3	36	5	60	7	84
2	24	4	48	6	72	8	96

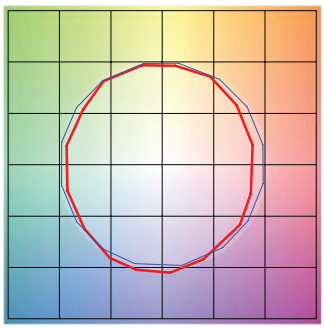
PROJECT		FIXTURE TYPE		DATE	

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

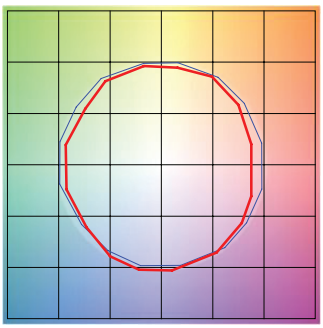
Color Vector Graphic



		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%

2400K | Rf: 84.5 | Rg: 94.4

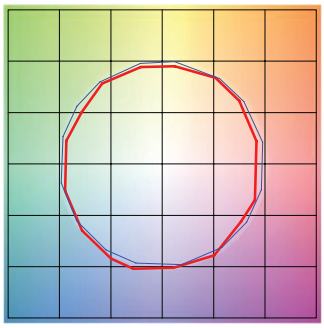
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	81.1	-7.7%	3.0%
2	84.9	-5.7%	4.9%
3	85.3	-2.3%	6.1%
4	87.7	-5.5%	-0.5%
5	92.5	-3.9%	0.5%
6	91.1	-3.4%	0.1%
7	86.0	-7.7%	0.5%
8	87.1	-6.0%	4.3%
9	80.1	-3.9%	9.8%
10	79.0	-0.9%	11.8%
11	82.3	5.5%	10.1%
12	87.6	5.4%	-0.5%
13	84.7	3.3%	-12.0%
14	78.0	0.8%	-13.7%
15	86.9	-5.5%	-4.3%
16	78.1	-7.5%	-10.8%

2700K | Rf: 87.7 | Rg: 96.1

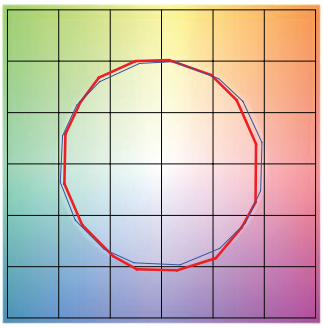
Color Vector Graphic



		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

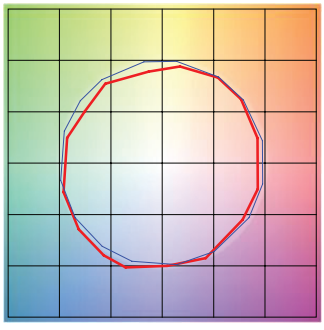
Color Vector Graphic



		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

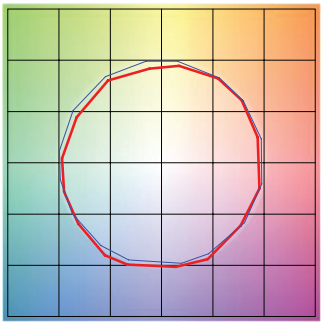
Color Vector Graphic



		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%

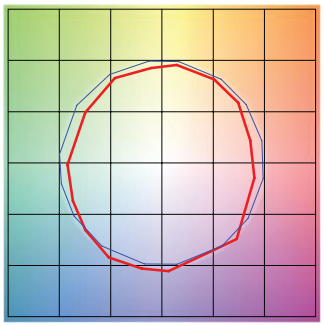
PROJECT		FIXTURE TYPE		DATE	

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.

5700K | Rf: 80.3 | Rg: 91.5

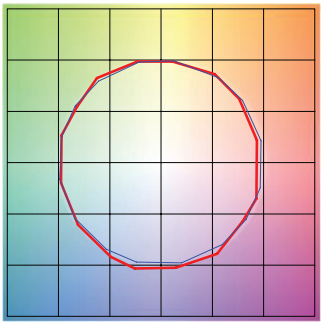
Color Vector Graphic



		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%

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

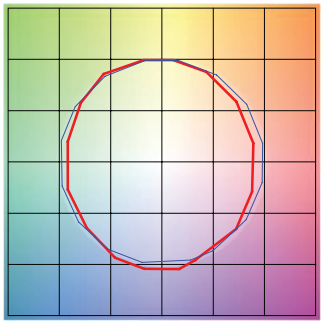
Color Vector Graphic



		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%

2000K ONLY (2K4K) | Rf: 84.3 | Rg: 96.9

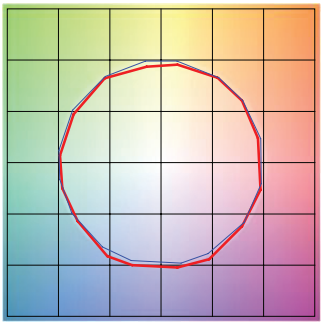
Color Vector Graphic



		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%

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

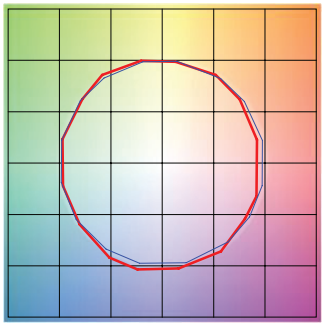
Color Vector Graphic



		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%

2700D | Rf: 89.5 | Rg: 100.8

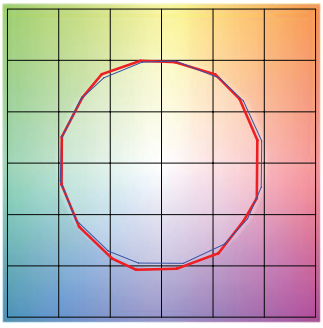
Color Vector Graphic



		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%

PROJECT		FIXTURE TYPE		DATE	