

# TRULINE 1.6A 24VDC

## BUILD-IT-YOURSELF PLASTER-IN LED SYSTEM



Recesses into 5/8" Dry Wall

### Let The Drywall Be Your Canvas

#### DESCRIPTION

PureEdge pioneered the TruLine 1.6A BIY (Build-It-Yourself) Plaster-in, 24VDC LED system that recesses within 5/8" drywall, without any joist modification. Redefining the relationship between Lighting and Interior Design, this innovative and highly efficient system blends seamlessly into the drywall, becoming part of the architecture. The TruLine 1.6A BIY system makes creating complex configurations simple by using pre-formed components, streamlining the installation process. The slim extrusions, LED strips, and lenses are field-cuttable, running as long as 40' before re-feeding. Multiple runs of channel mount flawlessly together providing smooth and glare-free general illumination using two strips of Designer-grade color rendering LEDs (95+ CRI). With the ability to run in vertical, horizontal, and diagonal directions or wrap both inside and outside corners, the compositions are truly endless. TruLine 1.6A is offered in a broad range of wattages and color temperatures from 2400K through 4000K, Warm Dim (27D or 30D), Tunable White (2K6K or 27K6), Dynamic RGB, RGB+White in 2000K (special order in 27K, 30K and 40K), and TruColor™ RGBTW Color Changing RGB with Tunable White 2000K-6500K. Influenced by simplicity and elegance, the Truline 1.6A plaster-in system brings together a modern and dynamic appearance to Residential and Commercial environments, offering unlimited creativity, and empowering you to design one-of-a-kind, personalized spaces. Let the drywall be your canvas. Coordinate installation with electrical and drywall contractors. Includes a 5-year pro-rated warranty. For custom designs and quotes, send drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

#### ORDERING

Order TWO LED Strip Lengths, per total section run Length. Remote Power Supplies are Required and Sold Separately, In-Wall Mounting Kits are available for select options. Channels are sold in 8' increments, field-cuttable to any length, the LED strips are ordered in 1' increments, and can be cut every 2.4", 3", or 4" depending on the color temperature selection.

#### PRE-FORMED COMPONENTS

8' Channel and Lens, End Feed Power Connector, Center Feed Power Connector, L-Picture Frame Power Connector, Junction Box, Outside Corner Channel Connector, Inside Corner Channel Connector, Channel Joiners, Take-Up Box, Straight Joiner, In & Out Modular Ceiling or Suspension Connector.

#### APPLICATIONS

Designed for any Indoor space with drywall. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

#### LAMP

- Static White Color Temperatures ranging from **2400K** through **4000K**
- Warm Dim: **27D** and **30D** dim down to 1800K, resembling halogen light sources
- Tunable White: **2K6K** and **27K6** grants independent control for adjusting color temperature and intensity
- Dynamic RGB & RGB+White in 2000K (**RGB, RGB20K**) (special order in 27K, 30K and 40K)
- TruColor™ **RGBTW** Dynamic RGB with Tunable White 2000K-6500K
- Average life: 50,000 hours

#### DESIGN NOTE

TruLine 1.6A can be installed on a single surface, join runs on multiple planes from wall to ceiling, or from one wall to an adjacent wall. Use TruLine 1.6A Build-It-Yourself (**BIY**) (sold separately) to create desired configurations, including Mitered Picture Frame and Outside or Inside Corners for Room Wrapping installations. Create square or rectangular compositions with TruQuad 1.6A.

#### PICTURE FRAME INSTALLATION DESIGN NOTE

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 Strips are installed on the side of the channel and bends within L-Shaped Channel Connectors to create continuous illumination on walls and ceilings.

#### ROOM WRAPPING DESIGN NOTE

Room Wrapping is the style of installation in which you can create 90° angles with Inside Corner Channel Connectors (**TL1.6A-IC**) and Outside Corner Channel Connectors (**TL1.6A-OC**). The LED Strip is installed flat on the back wall of the channel, and bends within the inside or outside corners for seamless illumination across surfaces.

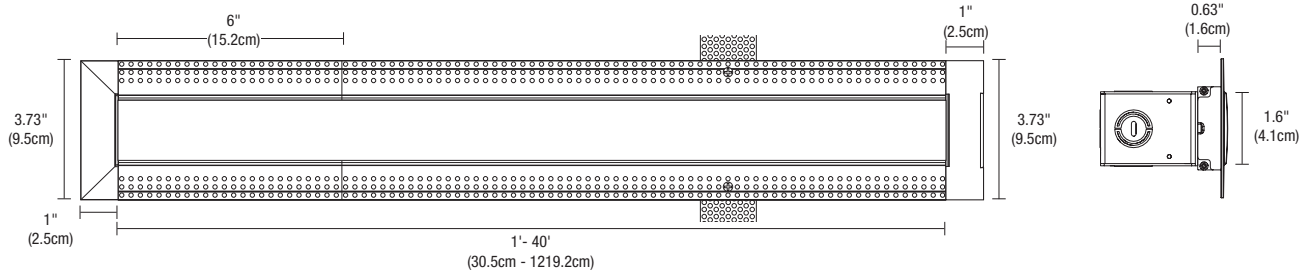
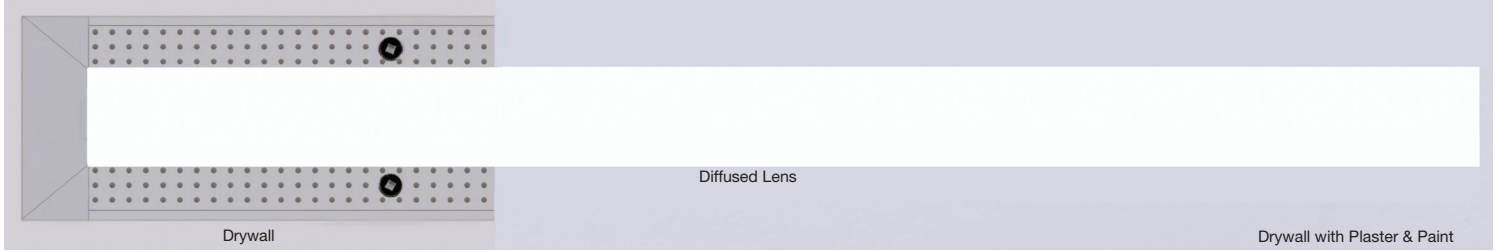
To determine the necessary wire gauge use our [Voltage Drop Calculator](#).

#### COMPLIANCE

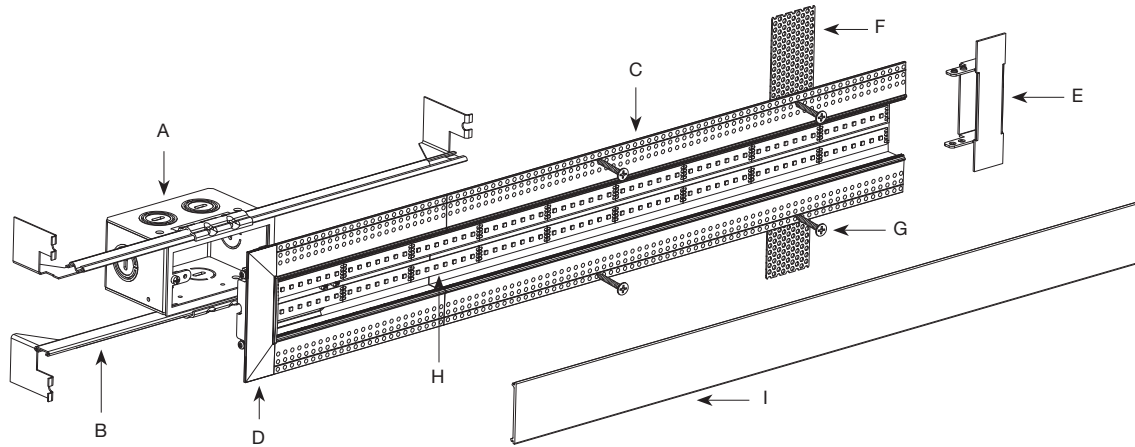
ETL Listed, RoHS, Class 2, Title 24 JA8 listed for 2700K CCT and above when used with PureEdge remote Universal power supplies Damp Location, Made in USA. to access our full Title 24 compliance listings: [pureedgelighting.com/resources](http://pureedgelighting.com/resources)

PureEdge is the Original Designer of 5/8" Drywall Lighting Products with the Most Experience in the industry.

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**PRE-FORMED COMPONENTS**



**A. JUNCTION BOX**

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 channel. Required at the beginning of each run and necessary to rough-in electrical before TruLine installation.

**B. ADJUSTABLE MOUNTING BARS**

Provide flexibility for mounting in a variety of spaces and orientations. May be secured to studs that are spaced 13"-24" apart.

**C. TRULINE 1.6A CHANNEL**

5/8" deep extrusion house for two rows of LED Strip.

**D. POWER END CAP**

Provides a finished look and prevents light leak at feed-end of runs where LED Strip enters the channel.

**E. TAKE-UP BOX**

Prevents dark spots at the end of a run by tucking excess LED Strip safely behind wall.

**F. MOUNTING STRAP**

Secures channel to drywall when wall stud is unavailable.

**G. DRYWALL SCREW**

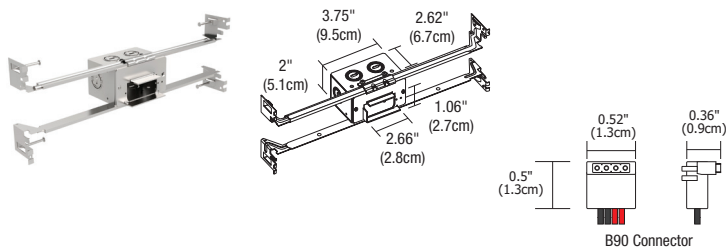
Secures channel to drywall and stud.

**H. LED STRIP**

Your choice of PureEdge LED Strip. **Order TWO LED Strip Lengths, per total section run Length** (Include End Feeds, Center Feeds, Corner Connectors, L-Picture Frames and all Channel Lengths).

**I. LENS**

1.6" wide diffused white lens projects a clean line of light without pixelation.

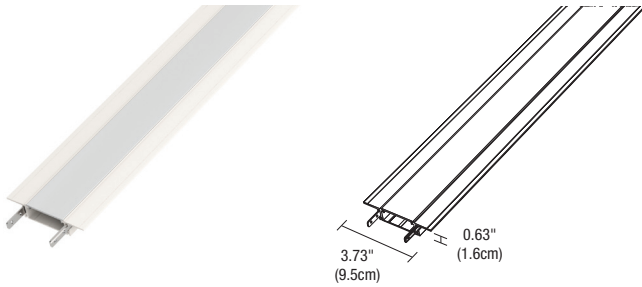


**JUNCTION BOX ROUGH-IN COMPONENT**

Junction box for rough-in electrical wiring before drywall installation. Includes B90 connector 8 Inches long. Quick shipment available. Required Component.

System	Size	Component	Option
<b>TL.5A</b>	<b>1RE</b>	<b>JBOX</b>	<b>BLANK</b>
TL.5A TruLine .5A	1RE 1" Rectangle	JBOX Junction Box	<b>RGBW</b> Red, Green, Blue, and White <b>RGBTW</b> Red, Green, Blue, and Tunable White *Leave blank for all other color temperatures

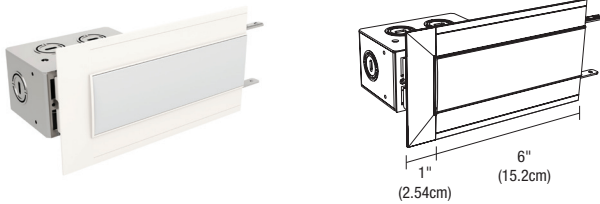
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**8' CHANNEL & LENS**

8' Plaster-In Channel with Lens and two LED 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 and mounting straps.

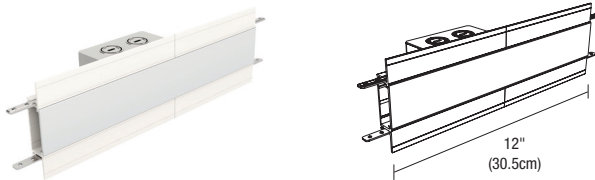
System	Component	Size
<b>TL1.6A</b>	<b>CHLN</b>	<b>8FT</b>
TL1.6A TruLine 1.6A	CHLN Channel and Lens	8FT 8'



**END FEED POWER CHANNEL CONNECTOR**

Allows 24VDC power to be fed from either end of the channel and two LED 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 Power Connectors.

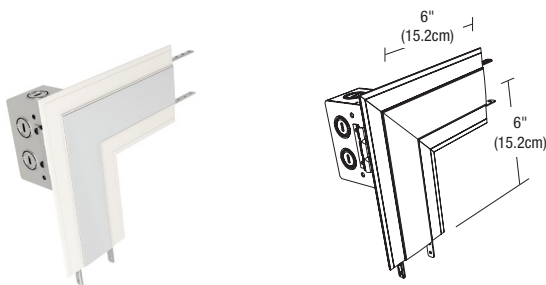
System	Component	Options
<b>TL1.6A</b>	<b>EP</b>	<b>BLANK</b>
TL1.6A TruLine 1.6A	EP End Feed Power Channel Connector	<b>RGBW</b> Red, Green, Blue, and White <b>RGBTW</b> Red, Green, Blue, and Tunable White *Leave blank for all other color temperatures



**CENTER FEED/DUAL POWER CHANNEL CONNECTOR**

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

System	Component	Options
<b>TL1.6A</b>	<b>CFP</b>	<b>BLANK</b>
TL1.6A TruLine 1.6A	CFP Center Feed Power Channel Connector	<b>RGBW</b> Red, Green, Blue, and White <b>RGBTW</b> Red, Green, Blue, and Tunable White *Leave blank for all other color temperatures

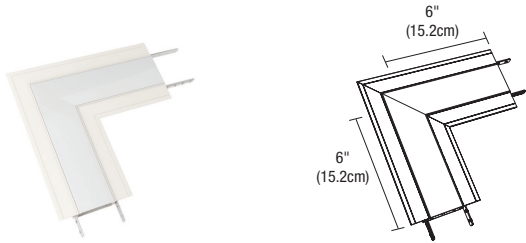


**L-PICTURE FRAME POWER CHANNEL CONNECTOR**

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

System	Component	Options
<b>TL1.6A</b>	<b>LP</b>	<b>BLANK</b>
TL1.6A TruLine 1.6A	<b>LP</b> L-Picture Frame Power Channel Connector <b>LP2</b> L-Picture Frame Dual Feed Power Channel Connector	<b>RGBW</b> Red, Green, Blue, and White <b>RGBTW</b> Red, Green, Blue, and Tunable White *Leave blank for all other color temperatures

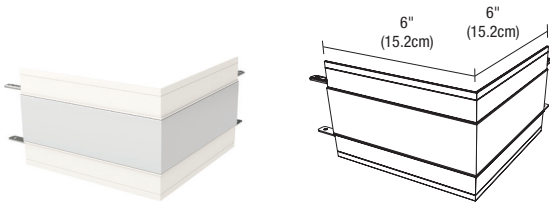
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**L-PICTURE FRAME CHANNEL CONNECTOR**

Allows for Picture Frame installation 90° turns and two LED Strips (not included) bends on the side within the connector to create continuous illumination on a wall or ceiling. LED Strip is installed on the side of the channel. Includes Lens and Channel Joiners.

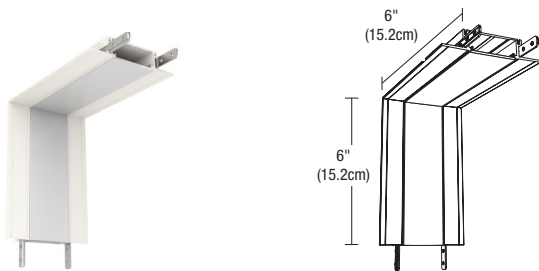
System	Component
<b>TL1.6A</b>	<b>L</b>
TL1.6A TruLine 1.6A	L L-Picture Frame Channel Connector



**OUTSIDE CORNER CHANNEL CONNECTOR**

Outside corners for 90° Room Wrapping installation. The two LED 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.

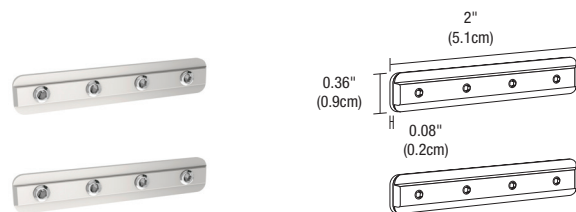
System	Component
<b>TL1.6A</b>	<b>OC</b>
TL1.6A TruLine 1.6A	OC Outside Corner Channel Connector



**INSIDE CORNER CHANNEL CONNECTOR**

Inside corners for 90° Room Wrapping installation. The two LED Strips (not included) bend flat within the inside corners for seamless illumination across surfaces. For use from wall to ceiling or from one wall to an adjacent wall. Includes Lens and Channel Joiners.

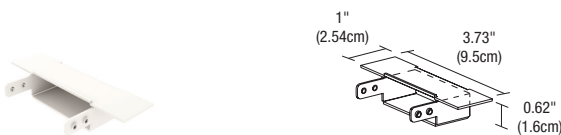
System	Component
<b>TL1.6A</b>	<b>IC</b>
TL1.6A TruLine 1.6A	IC Inside Corner Channel Connector



**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
<b>LCR</b>	<b>SC</b>
LCR TruLine Channel Joiner	SC Straight Connector



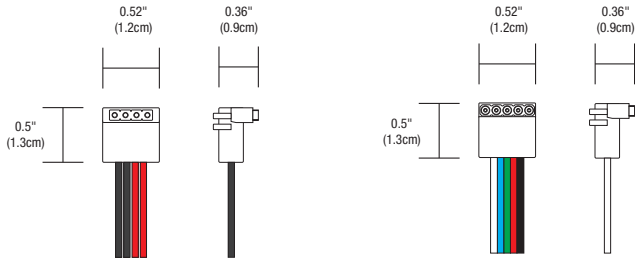
**TAKE-UP BOX**

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

System	Component
<b>TL1.6A</b>	<b>TBOX</b>
TL1.6A TruLine 1.6A	TBOX Take-Up Box

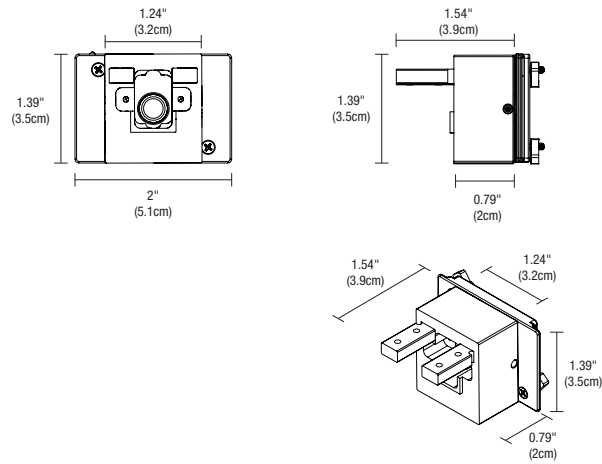
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ADDITIONAL COMPONENTS



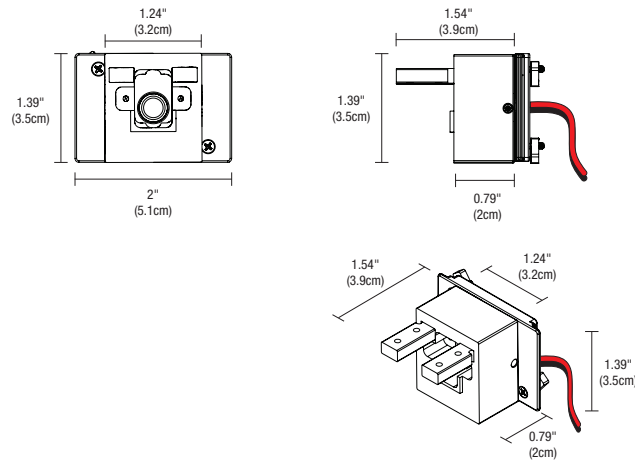
**B90 POWER END CONNECTOR**  
 8" 90°, 24VDC Class 2.

Product	Type	Option	Option
<b>LC</b>	<b>PFE</b>	<b>B90</b>	<b>BLANK</b>
LC LED Connector	PFE Power Feed	B90 Bends 90°	RGBW Red, Green, Blue and White RGBTW Red, Green, Blue and Tunable White *Leave blank for all other color temperatures



**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.

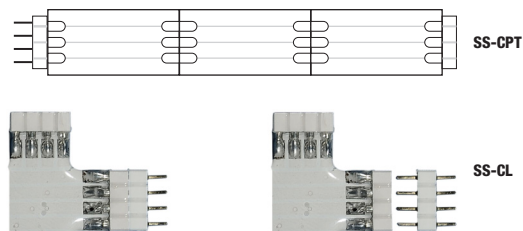
System	Type	Finish
<b>TL1.6A-IO-NOV</b>	<b>CA</b>	<b>SN</b>
TL1.6A-IO-NOV TruLine 1.6A to Nova Modular Ceiling or Suspension	CA End Cap	SN Satin Nickel



**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. Not available for RGBW or RGBTW.

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



**ADDITIONAL CONNECTORS**

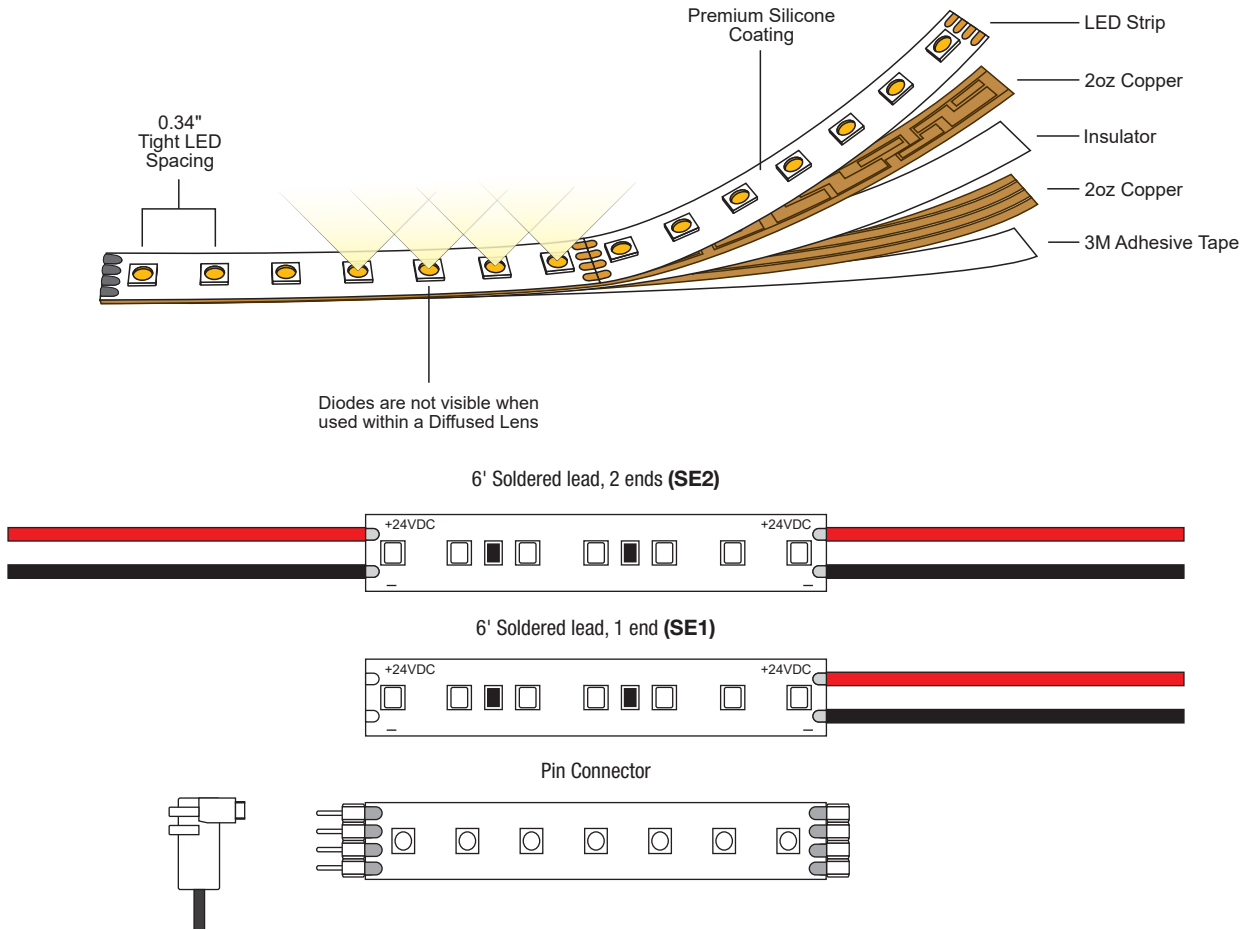
Additional Blank Flexible Connectors used in conjunction. Connector L is used for side mounting applications.

System	Type	Size	Option
<b>SS</b>	<b>CPT</b>	<b>SS-CL</b> (LEAVE BLANK)	<b>BLANK</b>
SS Soft Strip	CPT Connector Power Tape CL Connector L	3IN 3 Inches	RGBW Red, Green, Blue and White RGBTW Red, Green, Blue and Tunable White *Leave blank for all other color temperatures

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# TRULINE 1.6A 24VDC

## BUILD-IT-YOURSELF PLASTER-IN LED SYSTEM



### DELIVERED LUMENS

DESCRIPTION	ST2A					ST5A							ST7A				
WATTS PER FOOT	5W (2 x 2.5W)					10W (2 x 4.4W (*4.8W Warm Dim))							14W (2 x 7.3W)				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	456	461	480	551	581	843	852	972	887	1012	1018	1073	1301	1315	1370	1572	1572
LUMENS PER WATT (lm/w)	91	92	96	110	116	96	97	101	101	105	116	122	89	90	94	108	108
CRI	92+	92+	92+	92+	92+	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+	92+	92+

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

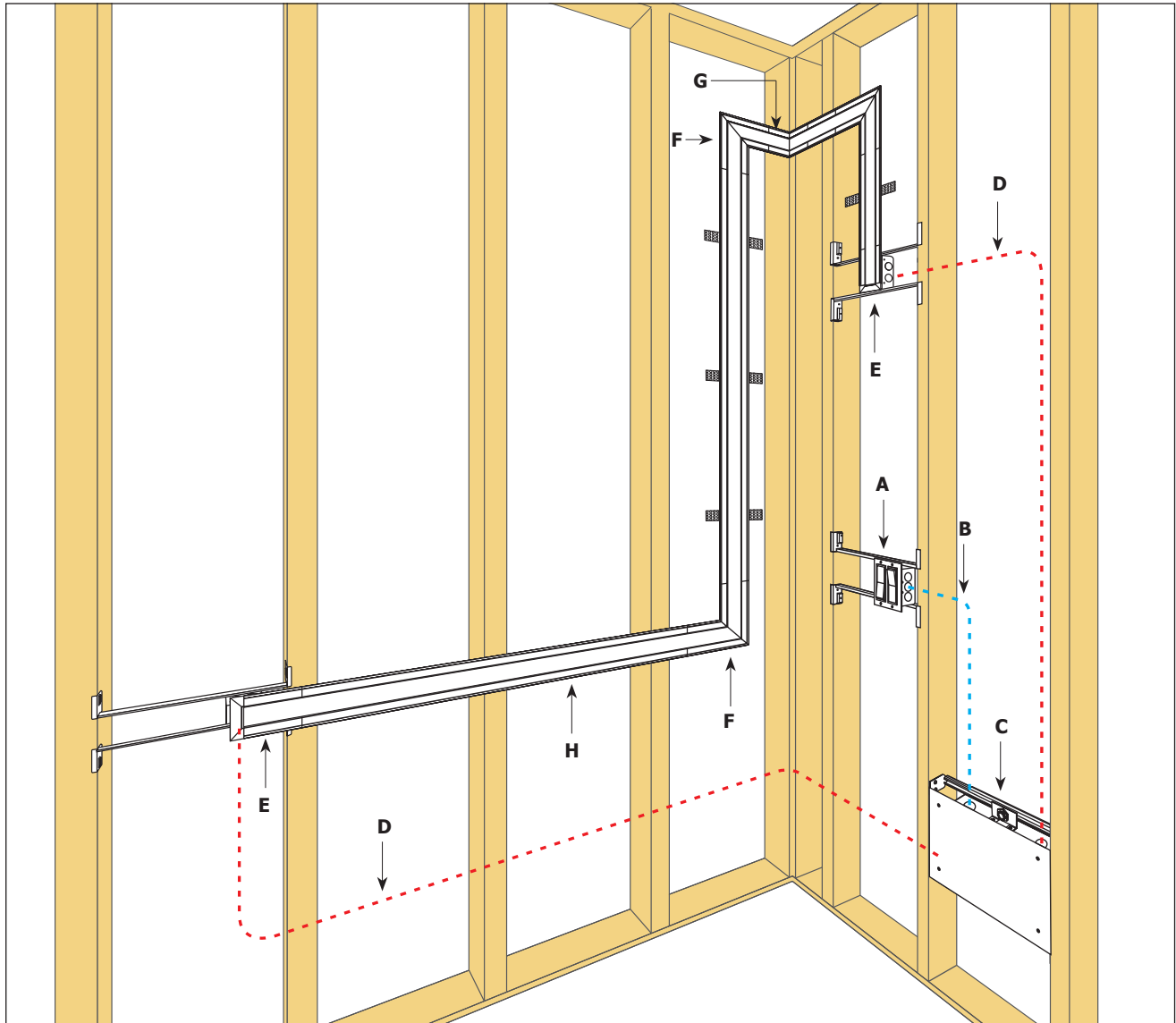
DESCRIPTION	ST2A - 2K6K									ST5A - 2K6K									ST7A - 2K6K								
WATTS PER FOOT	5W (2 x 2.5 watts)									10W (4.6 watts)									14W (7.5 watts)								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	249	253	256	260	263	270	295	318	340	604	628	653	677	702	751	805	813	820	840	879	918	958	997	1076	1133	1145	1156
LUMENS PER WATT (lm/w)	135	126	128	130	132	135	90	159	189	131	131	136	141	146	156	168	169	178	131	122	128	133	138	149	157	159	181
CRI	91+	91+	91+	91+	91+	94+	94+	94+	91+	91+	91+	91+	91+	91+	94+	94+	94+	91+	91+	91+	91+	91+	91+	94+	94+	94+	91+

DESCRIPTION	ST2A - 27K6									ST5A - 27K6									ST7A - 27K6									
WATTS PER FOOT	5W (2 x 2 watts)									10W (2 x 4.8 watts)									14W (2 x 7.2 watts)									
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	264	313	322	330	361	389	370	659	674	699	724	716	710	708	889	910	944	978	967	959	956	922	922	922	95+	93+	93+	93+
LUMENS PER WATT (lm/w)	71	78	80	83	90	97	100	82	73	76	79	78	77	89	69	63	66	68	67	67	75	92+	92+	92+	95+	93+	93+	93+
CRI	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+

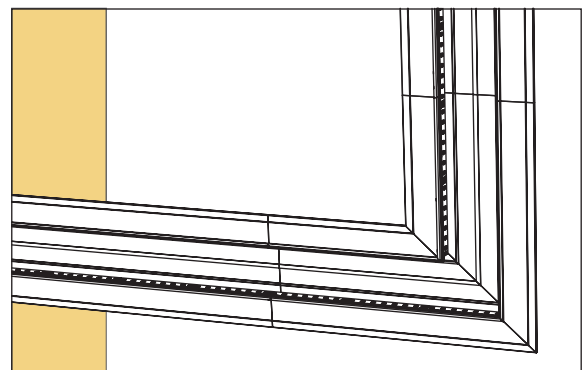
DESCRIPTION	SSW5									SSW7								
WATTS PER FOOT	4.6 Watts									6.4 Watts								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	60K	20K	22K	24K	27K	30K	35K	40K	57K	60K
LUMENS PER FOOT (lm/ft)	317	588	611	643	677	721	754	550	494	341	782	819	861	906	967	1026	635	552
LUMENS PER WATT (lm/w)	59	65	70	76	80	83	90	93	103	51	102	67	72	74	79	88	92	92
CRI	93	94	95	93	96	96	94	93	94	93	94	96	95	96	96	94	93	91

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**PICTURE FRAME INSTALLATION**



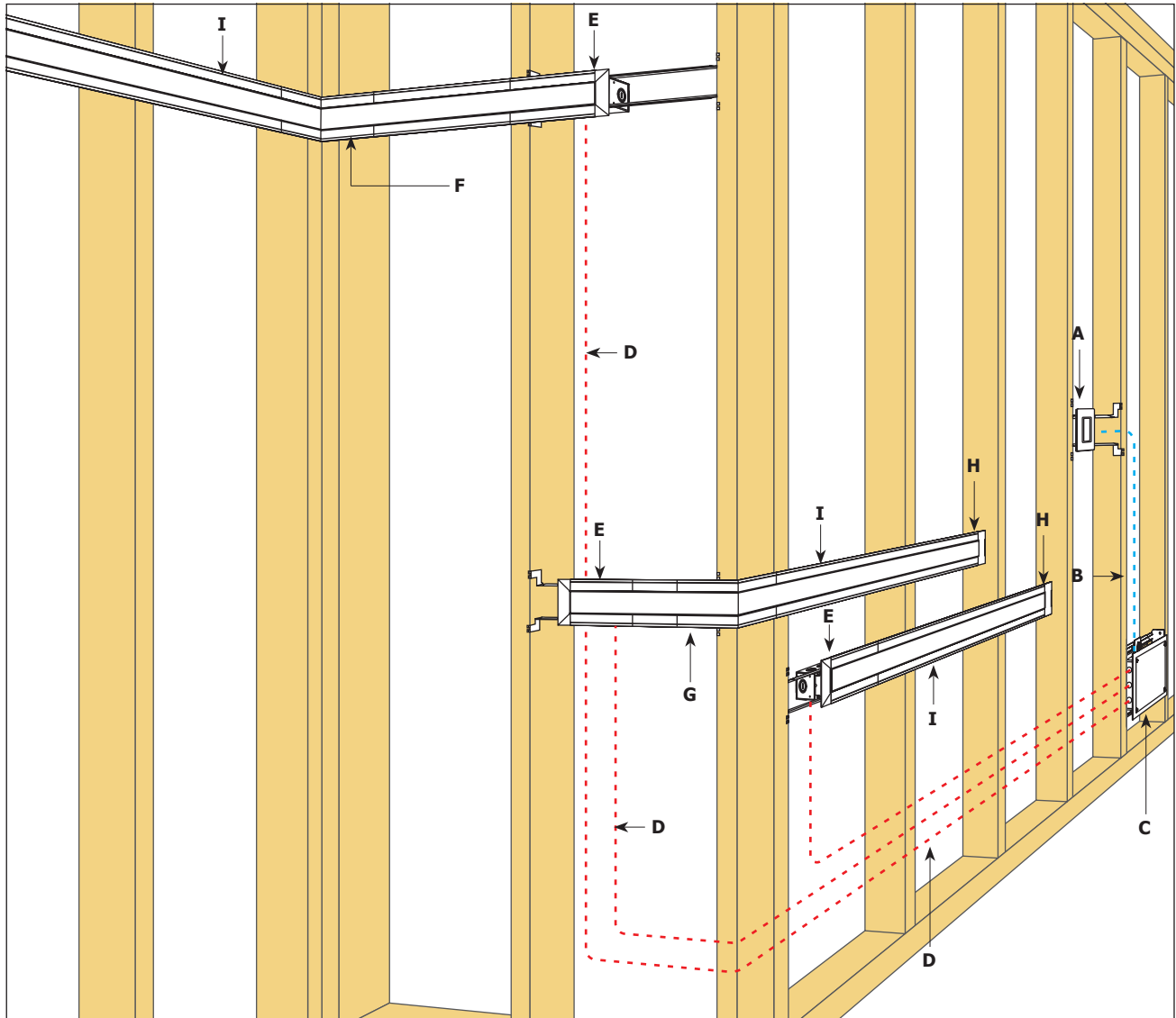
- A. DIMMER OR SWITCH**
- B. 120VAC WIRING**
- C. 120V/24VDC REMOTE POWER SUPPLY WITH IN-WALL MOUNTING KIT, FOR MORE REMOTE POWER SUPPLIES**
- D. 24VDC, CLASS 2 WIRING**
- E. END FEED POWER CHANNEL CONNECTOR WITH JUNCTION BOX**
- F. L-PICTURE FRAME CHANNEL CONNECTOR**
- G. INSIDE CORNER CHANNEL CONNECTOR**
- H. TruLine CHANNEL, LENS & LED STRIPS**



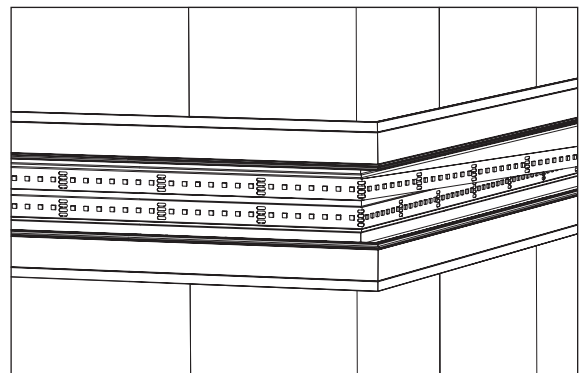
LEDs on the sides of the Channel for L-Turn

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**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, & LED STRIPS**



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

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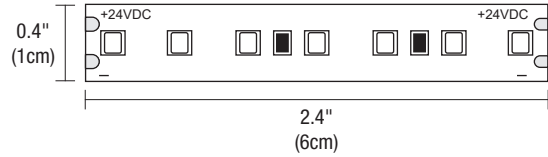


# STOMP STRIP & SOFT STRIP, STATIC WHITE

## 24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.23.22



Our Low Voltage LED strips are highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 92+ CRI. Both Stomp Strip and Soft Strip are used for our **BIY** (Build-it-Yourself) & **DIY** (Do-it-Yourself) fixtures and systems.

### FEATURES & BENEFITS

- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

### SPECIFICATIONS

- 24VDC
- 5, 10, or 14 watts per foot
- Sold in 1' increments
- Field-cutttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

### LAMP

- Offered in multiple Static White Color Temperatures: 2400K, 2700K, 3000K, 3500K & 4000K
- Average life: 50,000 hours

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Pure Smart™ WIZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Lutron Hi-Lume/Ecosystem](#)

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

### MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.5 watts per foot) 20'
- 10WDC (2x4.4 watts per foot) 10'
- 14WDC (2x7.3 watts per foot) 6'

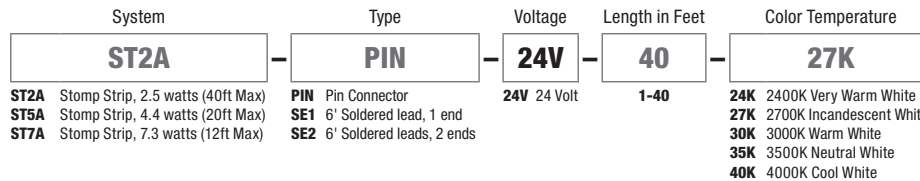
### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.

	ST2A					ST5A				
WATTS PER FOOT	2.5W					4.4W				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	284	287	299	343	362	525	531	553	634	669
LUMENS PER WATT (lm/w)	114	115	120	137	145	119	121	126	144	152
CRI	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

	ST7A				
WATTS PER FOOT	7.3W				
COLOR TEMPERATURE	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	811	820	854	980	1033
LUMENS PER WATT (lm/w)	111	112	117	134	142
CRI	92+	92+	92+	92+	92+

### System Requires Two Rows of LED Strip



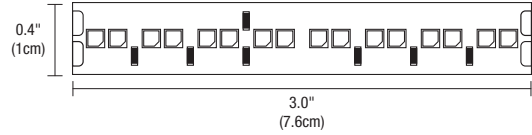
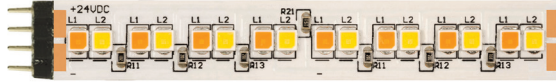
PROJECT		FIXTURE TYPE		DATE	
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# STOMP STRIP, WARM DIM

## 24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.23.22



### CAN'T STOMP ME OUT

Our Low Voltage Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ CRI. Warm Dim technology (**27D & 30D**) mimics an incandescent atmosphere by decreasing the color temperature as you dim. Our Warm Dim strips can be dimmed all the way down to a soothing amber hue at 1800K, reminiscent of candlelight along the halogen curve. Stomp Strip is used for our **BIY** (Build-it-Yourself) & **DIY** (Do-it-Yourself) fixtures and systems.

### FEATURES & BENEFITS

- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

### SPECIFICATIONS

- 24VDC
- 4.8 watts per foot
- Sold in 1' increments
- Field-cutttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- Maximum length before re-feeding - 20'

### LAMP

- **27D** dims from 2700K down to 1800K, and **30D** dims from 3000K down to 2000K, resembling Halogen light sources.
- Average life: 50,000 hours

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Lutron Hi-Lume/Ecosystem](#)

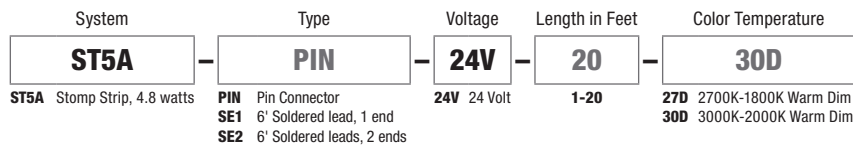
\*In-Wall Mounting and drop ceiling Kits available for select power supplies

### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.

	ST5A	
WATTS PER FOOT	4.8W	
COLOR TEMPERATURE	27D	30D
LUMENS PER FOOT (lm/ft)	606	631
LUMENS PER WATT (lm/w)	126	131
CRI	94+	94+

### System Requires Two Rows of LED Strip



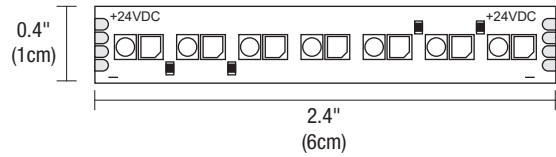
PROJECT	FIXTURE TYPE	DATE
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# STOMP STRIP, TUNABLE WHITE

## 24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.23.22



### CAN'T STOMP ME OUT

Our Low Voltage Tunable White Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ CRI. Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). Tunable white lighting visually, biologically and emotionally contributes to human interaction with the physical world. Human centric lighting (HCL) builds on this technology bringing the dynamics of natural daylight indoors, and delivering a positive effect on human health, well-being and performance. Stomp Strip is used for our **BIY** (Build-it-Yourself) & **DIY** (Do-it-Yourself) fixtures and systems.

### FEATURES & BENEFITS

- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

### LAMP

- Tunable White: 2000K-6500K (**2K6K**) and 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- Average life: 50,000 hours

### SPECIFICATIONS

- 24VDC
- 2.5, 4.6, or 7.5 watts per foot
- Sold in 1' increments
- Field-cutttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Pure Smart™ WIZ Pro Power Supplies & Controls](#)
- **0-10V**: Requires two dimmers, one for intensity and one for color temperature
- [DMX Dynamic Color Changing](#)
- [Controllers](#)

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

### MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.5 watts per foot) 20'
- 10WDC (2x4.6 watts per foot) 10'
- 14WDC (2x7.5 watts per foot) 6'

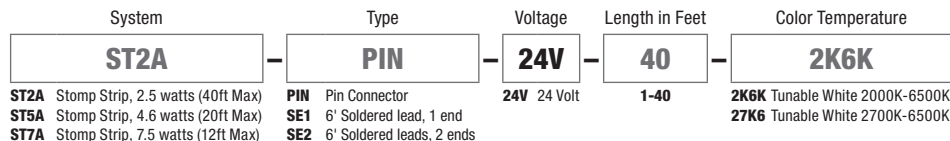
### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.

WATTS PER FOOT	ST2A 2K6K									ST5A 2K6K									ST7A 2K6K								
	2.5 Watts									4.6 Watts									7.5 Watts								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	152	154	156	158	160	165	180	194	208	368	383	398	413	428	458	491	496	500	512	536	560	584	608	656	691	698	705
LUMENS PER WATT (lm/w)	82	77	78	79	80	82	90	97	115	80	80	83	86	89	95	102	103	109	80	74	78	81	84	91	96	97	110
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+

WATTS PER FOOT	ST2A 27K6								ST5A 27K6								ST7A 27K6												
	2.5 Watts								4.6 Watts								7.5 Watts												
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	164	195	201	206	225	242	231	411	420	436	452	447	443	442	555	567	589	610	603	598	596	610	603	598	596	610	603	598	596
LUMENS PER WATT (lm/w)	82	78	80	82	90	97	115	103	91	95	98	97	96	110	87	79	82	85	84	83	93	87	79	82	85	84	83	93	93
CRI	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	91+	91+

System Requires Two Rows of LED Strip



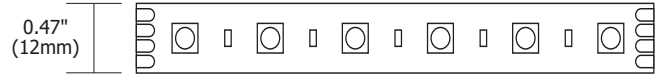
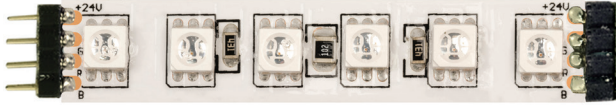
PROJECT	FIXTURE TYPE	DATE
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# SOFT STRIP, RGB

## 24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.23.22



### DESCRIPTION

PureEdge RGB Soft Strip provides dynamic color effects with red, green and blue LEDs. Our color-changing LED strip provides bright, continuous light offered in two wattage options of 3 or 5 watts per foot. PureEdge's focus on chromacity quality provides a balanced output across the color gamut, allowing the creation of millions of beautiful colors. The flexible strip is sold in 1 foot increments. RGB Soft Strip can be controlled using a compatible 24 volt DC power supply with an integrated RGB DMX driver. Includes a flexible aluminum heat sink to extend LED life. Both Stomp Strip and Soft Strip are used for our **BIY** (Build-it-Yourself) & **DIY** (Do-it-Yourself) fixtures and systems.

### SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 2.6 or 5 watts per foot
- Sold in 1' increments
- Field-cutable in increments: SS3- 4" SS5- 2.4"
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

### MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.6 watts per foot) 20'
- 10WDC (2x5 watts per foot) 10'

### MOUNTING

Self-adhering Soft Strip mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require screw-in mounting clips **SS-MCL** (sold separately).

### LAMP

- RGB: Dynamic Red, Green, and Blue
- Wattage options: 3 or 5 watts
- 50,000 Hour Lamp Life

### ACCESSORIES (SOLD SEPARATELY)

- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [DMX Dynamic Color Changing](#)
- [Controllers](#)

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

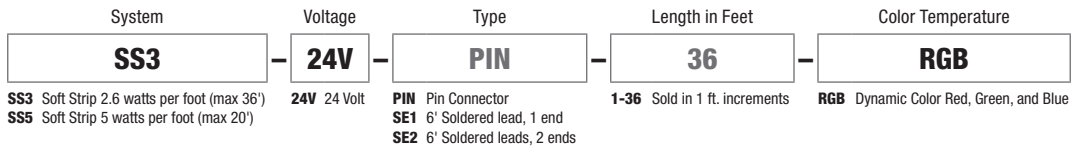
### APPLICATIONS

Designed for any Indoor space, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

### APPROVALS

Damp Location, Class 2 wiring, ETL Listed

### System Requires Two Rows of LED Strip



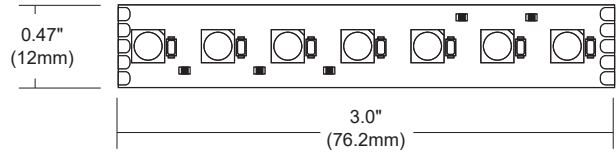
PROJECT		FIXTURE TYPE		DATE	
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# SOFT STRIP, RGB+ WHITE

## 24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.23.22



### DESCRIPTION

PureEdge's RGB+White Soft Strip (**SS6**) provides dynamic color effects with red, green, blue plus white. Now offered with four choices of White; 2000K and special order in 2700K, 3000K, and 4000K. Our color-changing LED strip provides bright, continuous light, our focus on chromacity quality provides a balanced output across the color gamut, allowing the creation of millions of beautiful colors and pure white. The flexible strip is sold in 1 foot increments up to 16 ft with cutting increments every 3 inches. At 6.3 watts per foot, RGB+W can be controlled using a compatible 24 volt DC power supply with an integrated RGB DMX driver. SS6 includes a flexible aluminum heat sink to extend LED life. Includes 5 year pro-rated warranty.

### SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 6.3 watts per foot
- Sold in 1' increments
- Field-cutttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

### MOUNTING

Self-adhering SS6 mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require screw-in mounting clips **SS-MCL** (sold separately).

### LAMP

- RGB+W: Dynamic Red, Green, Blue plus 2000K White
- Special order in 2700K, 3000K, and 4000K
- 50,000 Hour Lamp Life

### MAXIMUM LENGTHS BEFORE RE-FEEDING

12WDC (2x6.3 watts per foot) 8'

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, CLASS 2 WIRING

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [DMX Dynamic Color Changing](#)
- [Controllers](#)

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

### ACCESSORIES (SOLD SEPARATELY)

- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

### APPLICATIONS

Designed for any Indoor space, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

### APPROVALS

Damp Location, Class 2 wiring, ETL Listed

#### System Requires Two Rows of LED Strip

System	Voltage	Type	Length in Feet	Color Temperature
<b>SS6</b>	<b>24V</b>	<b>PIN</b>	<b>16</b>	<b>RGB20K</b>
SS6 Soft Strip 6.3 watts per foot	24V 24 Volt	PIN Pin Connector SE1 6' Soldered lead, 1 end SE2 6' Soldered leads, 2 ends	1-16 Sold in 1 ft. increments	<b>RGB20K</b> Red, Green, Blue + White 2000K <b>RGB27K</b> Red, Green, Blue + White 2700K <b>Special Order</b> <b>RGB30K</b> Red, Green, Blue + White 3000K <b>Special Order</b> <b>RGB40K</b> Red, Green, Blue + White 4000K <b>Special Order</b>

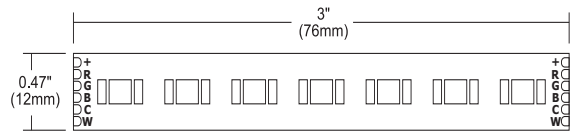
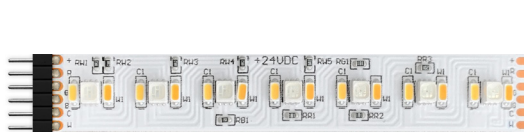
PROJECT		FIXTURE TYPE		DATE	
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# RGB & TUNABLE WHITE TRUCOLOR LED STRIP

## HUMAN CENTRIC LIGHTING, 24VDC 5 CHANNEL CONTROL

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 11.23.22



### DESCRIPTION

PureEdge's **RGBTW** LED Strip is precision engineered, combining the versatility of our dynamic RGB color-changing LEDs with the refinement and quality of our Tunable White (2000K-6500K) utilizing TruColor™ technology. Achieve the intimate golden hour with 2000K during dawn and sunset, to the bright white mid-day sun at 6500K, and everything in between. Closely following the black body curve, TruColor™ **RGBTW** creates beautiful and accurate variations of white light across the spectrum, the way nature intended. Human-Centric lighting promotes performance, mood, and overall well-being by fine-tuning the emotional effects that light has on the circadian cycle. TruColor™ delivers high CRI (93+) and high R9 (64+) paired alongside dynamic RGB color effects providing millions of possibilities, intricate customization, and ease of installation, making **RGBTW** the superior choice for residential and commercial applications. Let TruColor™ transform your space and the people within it. 24VDC Remote Power Supplies are required and sold separately.

### FEATURES & BENEFITS

- State-of-the-Art TruColor (2000K-6500K) spectrum offers dynamic color effects with RGB and Tunable White
- Compatible with WiZ Pro Smart App and Controls
- Offered with Pin Connectors, or Pre-soldered leads reducing time and labor during installation
- Dims from full brightness down to 0.1%, and tuned anywhere from 2000K to 6500K.
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 3oz Layer of PCB per foot provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)

PureEdge Pure Smart™ Wi-Fi RGBTW Power Supply is the most advanced smart power supply on the market. No hub or additional equipment required. Google Assistant, Alexa, Siri Shortcuts, and IFTTT.

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

### LAMP

- Dynamic Red, Green, and Blue plus Tunable White: 2000K-6500K (**2K6K**)
- 93+ CRI
- Average life: 50,000 hours

### SPECIFICATIONS

- 24VDC
- S5W5: 5W RGB & 5W Tunable White (WiZ: 5 watts total)
- S5W7: 5W RGB & 7W Tunable White (WiZ: 7 watts total)
- Sold in 1' increments
- Field-cutable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

### MAXIMUM LENGTHS BEFORE RE-FEEDING

- S5W5 – **Pure Smart™ WiZ Pro**: 20 ft
- S5W7 – **Pure Smart™ WiZ Pro**: 12 ft

### APPLICATIONS

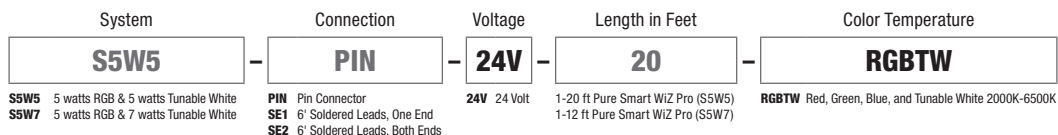
Designed for indoor use only. Ideal applications for Residential, Commercial, Hospitality environments, and General Human Centric Lighting.

### APPROVALS

Class 2 Wiring up to 100 watts, Indoor Damp Location, ETL listed, RoHS.

DESCRIPTION	S5W5									S5W7								
	2K6K 5W									2K6K 7W								
WATTS PER FOOT																		
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	198	367	381	401	422	450	470	343	308	213	488	511	537	565	603	640	396	344
LUMENS PER WATT (lm/w)	73	81	88	94	99	103	112	116	128	64	127	83	90	92	98	110	115	115
CRI	93+	94+	95+	93+	96+	96+	94+	92+	94+	93+	94+	96+	95+	96+	96+	94+	93+	91+

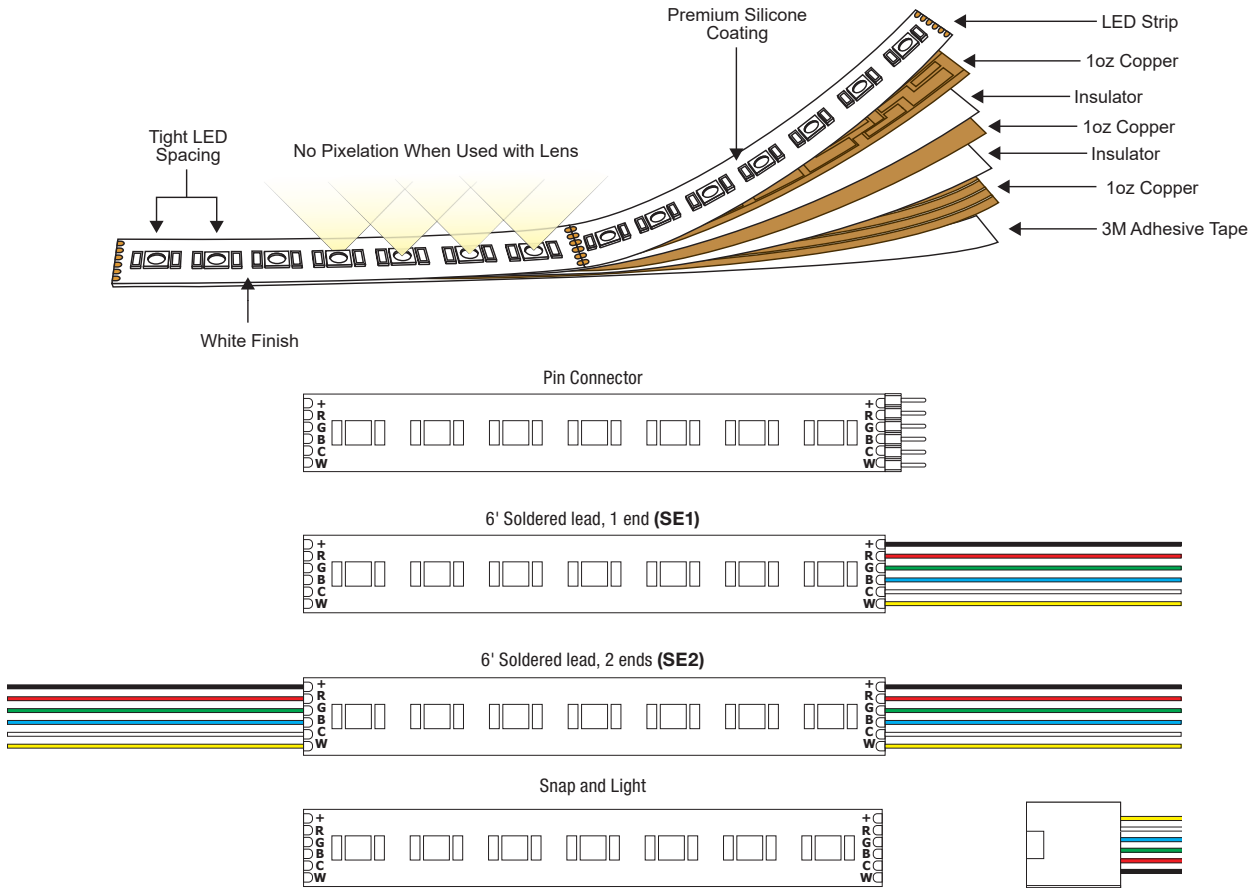
System Requires Two Rows of LED Strip



PROJECT		FIXTURE TYPE		DATE	
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# RGB & TUNABLE WHITE TRUCOLOR™ LED STRIP

HUMAN CENTRIC LIGHTING, 24VDC 5 CHANNEL CONTROL



S5W5 WATTS PER FOOT			
LENGTH IN FEET	RGB Wattage	Tunable White Wattage	Pure Smart™ Wiz Pro Wattage
1	5	5	5
2	10	10	10
3	15	15	15
4	20	20	20
5	25	25	25
6	30	30	30
7	35	35	35
8	40	40	40
9	45	45	45
10	50	50	50
11	55	55	55
12	60	60	60
13	65	65	65
14	70	70	70
15	75	75	75
16	80	80	80
17	85	85	85
18	90	90	90
19	95	95	95
20	100	100	100

S5W7 WATTS PER FOOT			
LENGTH IN FEET	RGB Wattage	Tunable White Wattage	Pure Smart™ Wiz Pro Wattage
1	5	7	7
2	10	14	14
3	15	21	21
4	20	28	28
5	25	35	35
6	30	42	42
7	35	49	49
8	40	56	56
9	45	63	63
10	50	70	70
11	55	77	77
12	60	84	84

PROJECT		FIXTURE TYPE		DATE	
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# SOFT STRIP, MONOCHROMATIC COLOR

## 24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

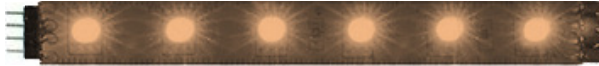
REV 11.23.22



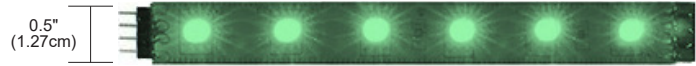
RRR - Red



BBB - Blue



AAA - Amber



GGG - Green

### DESCRIPTION

PureEdge Monochromatic Color Soft Strip provides dynamic color effects with monochromatic color LEDs. Offered in Red, Amber, Blue, and Green. The 1/2" wide flexible copper strip, with an optically clear protective coating, is sold in 1ft increments up to 36 ft with cutting increments every 4 inches. Self-adhering, our strip mounts to most smooth finished surfaces with the industrial strength 3M tape on the back. Our Soft Strip is used for our **BIY** (Build-it-Yourself) & **DIY** (Do-it-Yourself) fixtures and systems. Includes 5 year warranty.

### SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 5 or 10 watts per foot
- Sold in 1' increments
- Field-cutttable in 4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

### MOUNTING

Industrial 3M tape lines back of strip for self-adhesion to most smooth finished surfaces Additional Connectors, Mounting Straps, and Clips may be needed for some applications (sold separately).

### ACCESSORIES (SOLD SEPARATELY)

- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

### LAMP

- Monochromatic Red, Amber, Blue, and Green
- 18 LEDs per foot
- 50,000 Hour Lamp Life

### MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.6 watts per foot) 20'
- 10WDC (2x5 watts per foot) 10'

### REMOTE POWER SUPPLIES\*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Lutron Hi-Lume/Ecosystem](#)

\*In-Wall Mounting Kits available for select power supplies

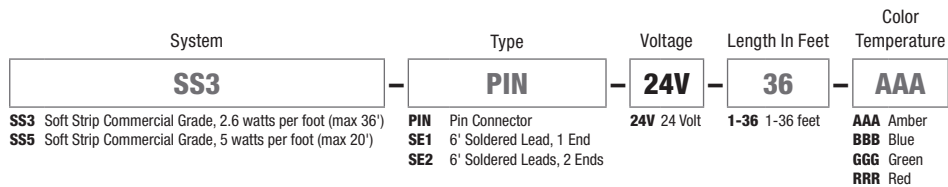
### APPLICATIONS

Indoor and damp locations. Applications include coves, toe-kicks, under cabinets and shelving, bookcases, drawers, pathways, accent lighting, task lighting, and general illumination.

### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.

System Requires Two Rows of LED Strip



PROJECT	FIXTURE TYPE	DATE
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# STOMP STRIP & SOFT STRIP ACCESSORIES

## PIN & SOLDERING CONNECTORS

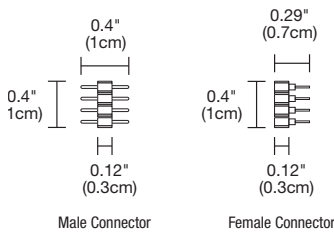
### ACCESSORIES



### POWER FEED/FLEXIBLE CONNECTOR

For use with Static White, Warm Dim, Tunable White, RGB and Monochromatic color temperatures. Flexible connectors link two sections of LED Strip end to end. To use as a Power Feed cut off the male end, and connect to the power supply.

Product	Type	Size	Color Temperature
<b>SS</b>	<b>CFX</b>	<b>3IN</b>	
<b>SS</b> Stomp Strip/Soft Strip	<b>CFX</b> Flexible Connector	<b>3IN</b> 3 inches <b>6IN</b> 6 inches <b>12IN</b> 12 inches <b>36IN</b> 36 inches <b>96IN</b> 96 inches <b>144IN</b> 144 inches	<b>RGB</b> (Tunable White Compatible)  <b>Leave Blank for Static White, Warm Dim, and Monochromatic Color</b>



### PIN CONNECTORS

For use with Static White, Warm Dim, Tunable White, RGB and Monochromatic color temperatures. Extra soldering pin connectors. Male and female.

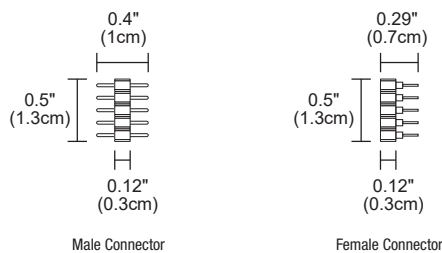
System	Product	Type
<b>SS</b>	<b>ML</b>	<b>CON</b>
<b>SS</b> Stomp Strip/Soft Strip	<b>FE</b> Female Connector <b>ML</b> Male Connector	<b>CON</b> Connector



### POWER FEED/FLEXIBLE CONNECTOR

For use with RGBW color temperature. Flexible connectors link two sections of LED Strip end to end. To use as a Power Feed cut off the male end, and connect to the power supply.

Product	Type	Size	Color Temperature
<b>SS</b>	<b>CFX</b>	<b>3IN</b>	<b>RGBW</b>
<b>SS</b> Stomp Strip/Soft Strip	<b>CFX</b> Flexible Connector	<b>3IN</b> 3 inches <b>6IN</b> 6 inches <b>12IN</b> 12 inches <b>36IN</b> 36 inches <b>96IN</b> 96 inches <b>144IN</b> 144 inches	<b>RGBW</b> Red, Green, Blue + White



### PIN CONNECTORS

For use with RGBW color temperature. Extra soldering pin connectors. Male and female.

System	Product	Type	Color Temperature
<b>SS</b>	<b>ML</b>	<b>CON</b>	<b>RGBW</b>
<b>SS</b> Stomp Strip/Soft Strip	<b>FE</b> Female Connector <b>ML</b> Male Connector	<b>CON</b> Connector	<b>RGBW</b> Red, Green, Blue + White

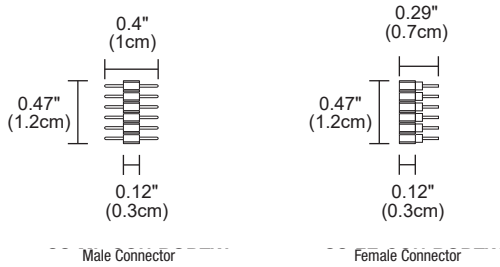
PROJECT	FIXTURE TYPE	DATE
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### POWER FEED/FLEXIBLE CONNECTOR

For use with RGBTW color temperature. Flexible connectors link two sections of LED Strip end to end. To use as a Power Feed cut off the male end, and connect to the power supply.

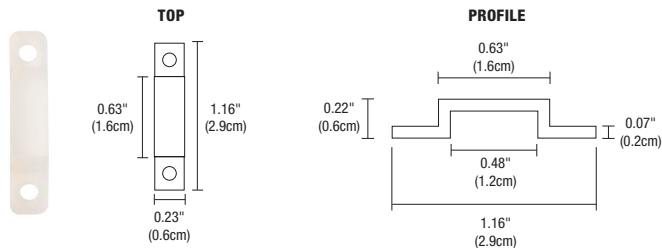
Product	Type	Size	Color Temperature
<b>SS</b>	<b>CFX</b>	<b>3IN</b>	<b>RGBTW</b>
<b>SS</b> Stomp Strip/Soft Strip	<b>CFX</b> Flexible Connector	<b>3IN</b> 3 inches <b>6IN</b> 6 inches <b>12IN</b> 12 inches <b>36IN</b> 36 inches <b>96IN</b> 96 inches <b>144IN</b> 144 inches	<b>RGBTW</b> Red, Green, Blue, and Tunable White



### PIN CONNECTORS

For use with RGBTW color temperature. Extra soldering pin connectors. Male and female.

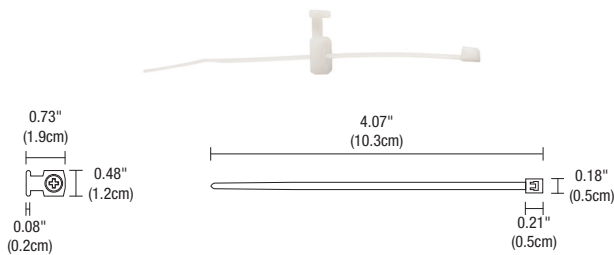
System	Product	Type	Color Temperature
<b>SS</b>	<b>ML</b>	<b>CON</b>	<b>RGBTW</b>
<b>SS</b> Stomp Strip/Soft Strip	<b>FE</b> Female Connector <b>ML</b> Male Connector	<b>CON</b> Connector	<b>RGBTW</b> Red, Green, Blue, and Tunable White



### U-STRAP

Use every 6-12 inches for extra support (30/package).

Product	Type
<b>SS</b>	<b>SU</b>
<b>SS</b> Strip Strap	<b>SU</b> U-Strap



### TIE STRAP

Use every 6-12 inches for extra support (30/package).

Product	Type
<b>SS</b>	<b>ST</b>
<b>SS</b> Strip Strap	<b>ST</b> Tie Strap

PROJECT	FIXTURE TYPE	DATE
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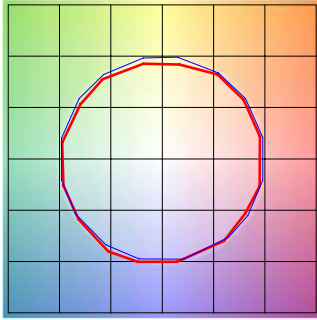
# TM30 DATA

## BUILD-IT-YOURSELF PLASTER-IN LED SYSTEM

**TM-30-15 DATA:** The data below is for bare LED Static White Strip. 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.

**2400K** | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

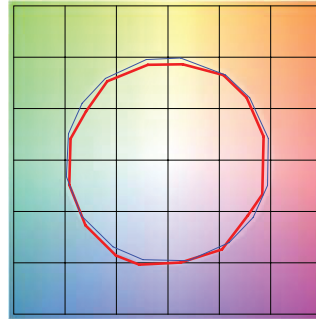


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92	-2.4%	1.5%
2	94.7	-2.1%	-0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

**2700K** | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

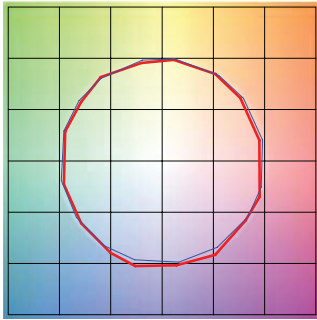


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

**3000K** | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

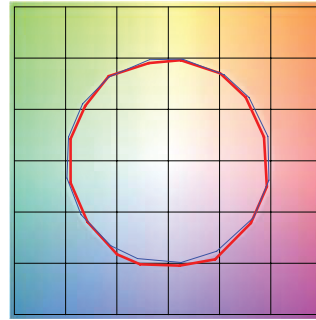


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

**3500K** | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

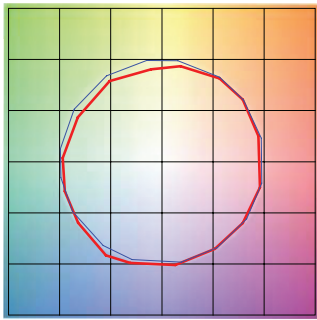


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

**4000K** | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

PROJECT	FIXTURE TYPE	DATE
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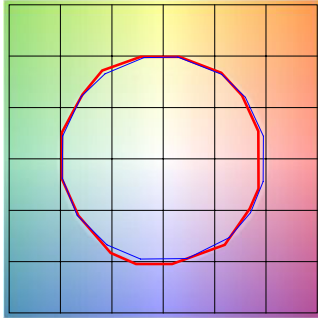
# TM30 DATA

## BUILD-IT-YOURSELF PLASTER-IN LED SYSTEM

**TM-30-15 DATA:** The data below is for bare LED Warm Dim Strip. 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: 90.7 | Rg: 101.1

Color Vector Graphic

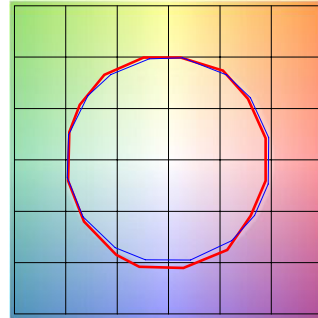


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.9	-4.1%	1.1%
2	91.8	-2.2%	3.2%
3	89.0	0.2%	5.0%
4	92.9	-1.1%	0.8%
5	93.9	1.1%	1.7%
6	93.3	3.3%	0.0%
7	93.1	-0.5%	-1.9%
8	97.2	-0.3%	-0.9%
9	93.4	-1.0%	3.2%
10	89.9	-0.1%	5.6%
11	87.0	4.7%	7.2%
12	89.2	5.8%	-0.2%
13	89.1	3.5%	-6.7%
14	86.3	4.1%	-9.2%
15	91.4	-2.0%	-3.6%
16	84.7	-2.1%	-10.3%

**3000D** | Rf: 90.6 | Rg: 101.1

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.5	-3.5%	1.3%
2	92.2	-1.8%	3.0%
3	89.3	0.5%	4.8%
4	92.7	-1.1%	0.6%
5	93.3	0.5%	1.4%
6	93.8	2.7%	-0.8%
7	91.2	-2.1%	-0.2%
8	97.0	-0.5%	-0.7%
9	92.5	-0.7%	3.8%
10	88.3	0.9%	7.1%
11	87.5	3.9%	7.6%
12	88.2	6.2%	-0.2%
13	89.9	3.4%	-6.0%
14	86.9	4.4%	-8.5%
15	91.9	-1.9%	-2.9%
16	84.7	-1.3%	-10.6%

PROJECT	FIXTURE TYPE	DATE
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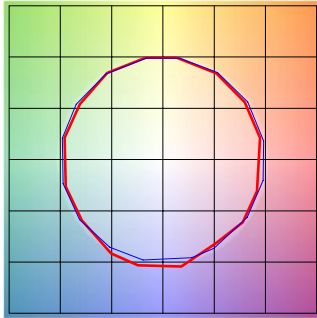
# TM30 DATA

## BUILD-IT-YOURSELF PLASTER-IN LED SYSTEM

**TM-30-15 DATA:** The data below is for Tunable White bare LED Strip. 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: 90.6 | Rg: 98.5

Color Vector Graphic

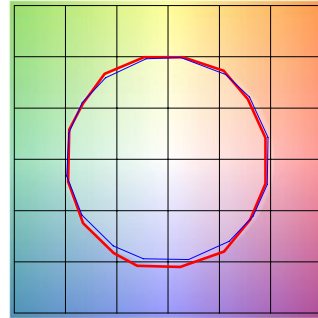


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	87.7	-5.5%	1.2%
2	88.7	-3.9%	4.2%
3	90.5	-1.5%	4.3%
4	95.0	-1.7%	0.8%
5	95.2	-0.2%	2.1%
6	94.2	1.6%	1.9%
7	95.9	-0.8%	-2.2%
8	95.5	-1.7%	1.3%
9	93.8	-1.4	2.6%
10	91.9	-0.7%	4.2%
11	91.3	3.6%	3.7%
12	91.2	4.2%	-1.0%
13	86.6	3.8%	-12.7%
14	67.2	-3.0%	-16.3%
15	84.9	-3.3%	-9.4%
16	84.2	-5.7%	-7.5%

### 3000K (2K6K/27K6) | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

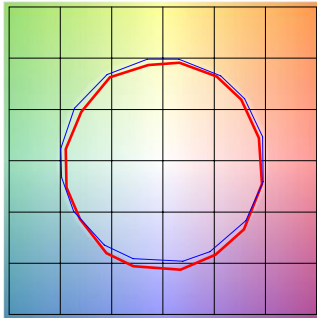


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.5	-3.5%	1.2%
2	92.4	-1.8%	2.7%
3	89.8	0.3%	4.5%
4	92.4	-1.7%	0.4%
5	93.3	-0.1%	1.4%
6	94.5	2.1%	-0.6%
7	91.0	-2.5%	0.3%
8	96.9	-0.8%	-0.2%
9	91.6	-0.9%	4.6%
10	86.7	0.7%	7.8%
11	86.3	3.8%	8.5%
12	88.3	6.1%	0.6%
13	90.9	3.1%	-5.2%
14	87.3	4.7%	-7.9%
15	92.1	-1.9%	-2.5%
16	84.5	-0.9%	-10.9%

### 4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.5	-5.5%	1.3%
2	90.4	-3.0%	2.3%
3	89.8	-2.1%	3.6%
4	89.1	-3.4%	0.4%
5	88.5	-5.9%	0.1%
6	93.6	-3.0%	-0.4%
7	88.9	-6.2%	1.7%
8	87.3	-5.0%	4.9%
9	82.4	-3.6%	11.3%
10	77.4	-1.8%	12.7%
11	79.8	4.9%	11.4%
12	88.7	4.4%	2.7%
13	88.7	4.0%	-5.1%
14	91.2	2.2%	-3.8%
15	82.7	-0.1%	-9.2%
16	82.8	-2.2%	-7.6%

PROJECT	FIXTURE TYPE	DATE
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