

TRUCURVE 1 DIY 24VDC

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENTED



Let The Drywall Be Your Canvas

DESCRIPTION

TruCurve 1 DIY (Do-It-Yourself) Plaster-in, 24VDC LED system recesses within 5/8" drywall, without any framing modification required. 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 TruCurve 1 DIY system makes creating complex configurations and organic shapes simple by specifying the degree and radius (9" minimum radius) of the curve you are designing. LED strips and Lenses are field-cuttable and ordered in 1' increments (up to 40' before re-feeding). Multiple runs of channel mount flawlessly together, providing smooth and glare-free general illumination using designer-grade color rendering LEDs (95+ CRI). TruCurve 1 is available in multiple standard color temperatures: Static white from 2400K through 4000K, Warm Dim (**27D** or **30D**), Pro Dim (**27PD** and **30PD**), Tunable White (**2K6K** or **27K6**), Dynamic **RGB**, **RGBW** in 2000K, and TruColor™ **RGBTW** Color Changing RGB with Tunable White 1500K-6500K. Influenced by simplicity and elegance, the TruCurve 1 Plaster-in system brings a modern and minimal aesthetic to residential and commercial projects alike, offering unlimited creativity, and empowering you to design one of a kind, personalized spaces every time. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

PRE-FORMED COMPONENTS (SOLD SEPARATELY)

Channel and Lens, End Feed Power Connector, Center Feed Power Connector, Junction Box, Channel Joiners, Take-Up Box, LED strip Power Feed or Pin Connectors.

ORDERING

Curved channels are ordered by length and "flexed" into position, lens can be shipped in 40 ft continuous rolls.. Curved Channels are ordered in 8ft pieces. Lenses, straight channels, and LED strips are field-cuttable to any length, and ordered in 1' increments than can be cut every 2.4", 3", or 4" depending on the color temperature selection.

LUMEN PERFORMANCE

- 456lm/ft at 3000K 7W per foot
- Designer Grade High CRI 92+ LEDs
- For Lumen's and performance see Pg 8-18

LAMP

- Static White Color Temperatures ranging from **24K** through **40K**
- Warm Dim: **27D** and **30D** dims down to 1800K, resembling incandescent and halogen light sources
- Pro Dim: 27PD (dims down to 1800K) and 30PD (dims down to 2000K) dims to off with Pro Dim power supply
- Tunable White: **2K6K** (2000K-6500K) and **27K6** (2700K-6500K) allow independent control for adjusting color temperature and intensity
- RGB & RGBW in 2000K, (**RGB**, **RGB20K**) (special order in 27K, 30K and 40K)
- TruColor™ **RGBTW** Dynamic Color Changing RGB with Tunable White between 1500K-6500K
- Average life: 50,000 hours

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

24VDC, Class 2 wiring

- [Home Integration Solutions](#)

*See LED Strips for correlating power supplies (pages 13-21)

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

APPLICATIONS

Designed for any Indoor space with drywall, including damp locations. Ideal applications in residential, commercial, retail, and hospitality environments.

COMPLIANCE

ETL, RoHS, Class 2, Damp Location, Made in USA.

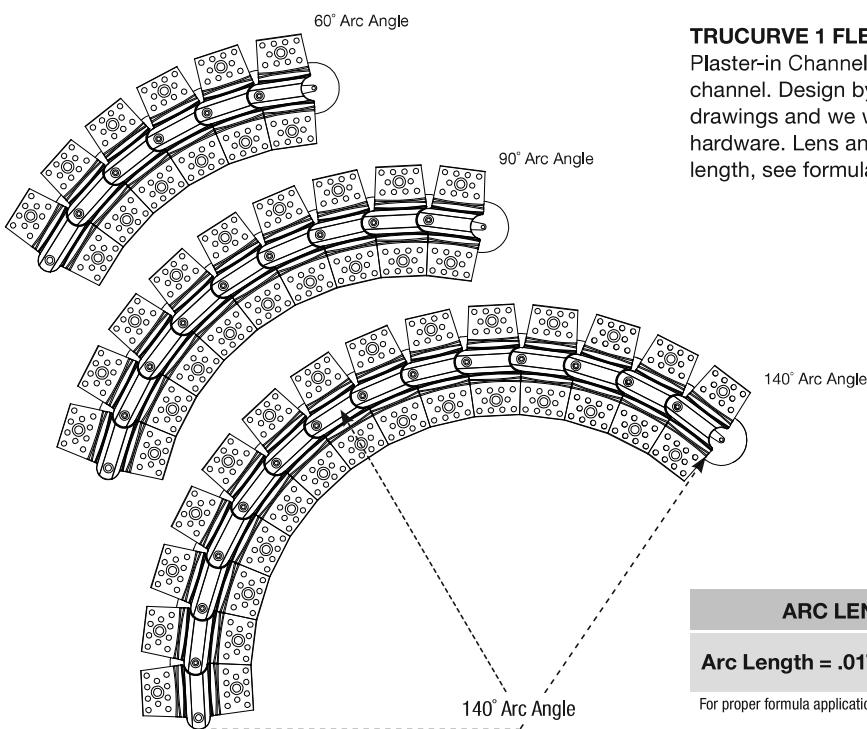
PureEdge is the Original Designer of 5/8" Drywall Lighting Products with the most Experience in the industry.

PROJECT		Fixture Type		DATE
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TRUCURVE 1 DIY 24VDC

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PATENT PENDING



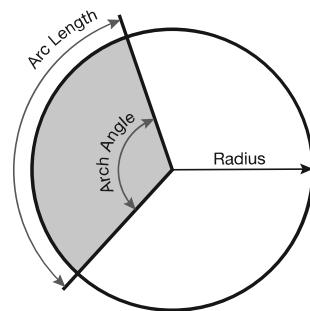
TRUCURVE 1 FLEX CHANNEL

Plaster-in Channel. LED Strips (not included) installed flat on the side of the channel. Design by Arc degree and radius as small as 9", or send us your drawings and we will design it for you. Includes Channel Joiners and mounting hardware. Lens and LED Strip are ordered separately. For help determining arc length, see formula and examples below and the length chart on the next page.

ARC LENGTH FORMULA

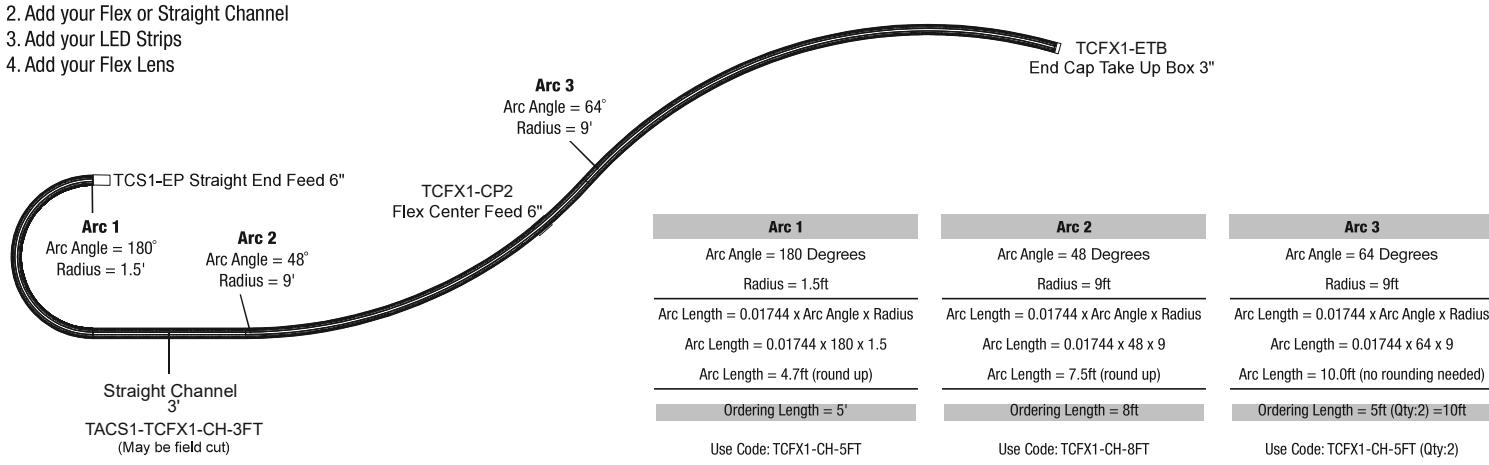
$$\text{Arc Length} = .01744 \times \text{Arc Angle} \times \text{Radius}$$

For proper formula application, see below



ARC LENGTH FORMULA EXAMPLES

1. Choose your Power Feed Canopy, Smart or Traditional
2. Add your Flex or Straight Channel
3. Add your LED Strips
4. Add your Flex Lens

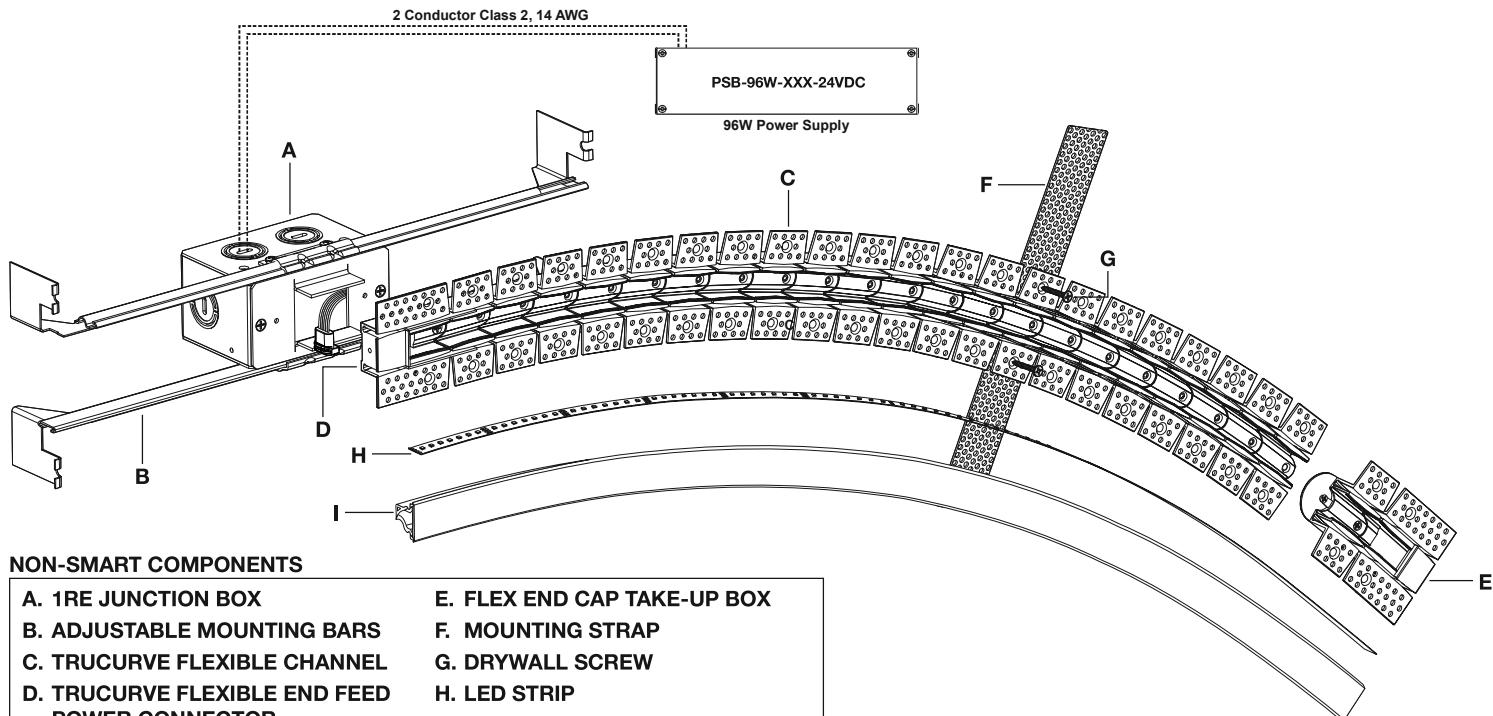


PROJECT	FIXTURE TYPE	DATE
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TRUCURVE 1 DIY 24VDC

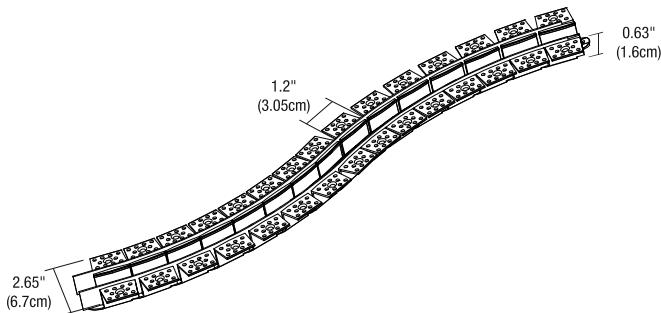
DO-IT-YOURSELF PLASTER-IN LED SYSTEM

COMPONENTS: Traditional Dimming, 0-10, DMX and DALI



NON-SMART COMPONENTS

A. 1RE JUNCTION BOX	E. FLEX END CAP TAKE-UP BOX
B. ADJUSTABLE MOUNTING BARS	F. MOUNTING STRAP
C. TRUCURVE FLEXIBLE CHANNEL	G. DRYWALL SCREW
D. TRUCURVE FLEXIBLE END FEED POWER CONNECTOR	H. LED STRIP
	I. LENS

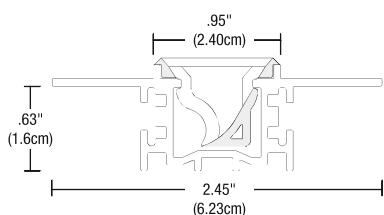


TRUCURVE FLEXIBLE CHANNEL

Plaster-In Flexible Channel. Lens and LED Strip (not included) are installed flat on the side of the channel. Offered in various lengths, the 1.2" links may be added or removed with a screwdriver, no cutting required. To calculate the necessary length, please use the formula given on the previous page. Sold in 1 foot increments.

System	Component	Length
TCFX1	CH	4FT

TCFX1 TruCurve Flex Channel 1" CH Channel 1'-8", may be joined in the field



TruCurve Ordering Lengths					
Actual Length	Ordering Length	# of Channel Links	Actual Length	Ordering Length	# of Channel Links
12.1	1FT	10	59.5	5FT	49
24.3	2FT	20	71.7	6FT	59
36.4	3FT	30	83.8	7FT	69
47.4	4FT	39	95.9	8FT	79

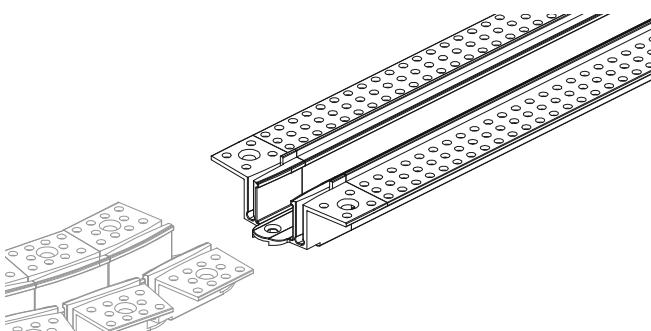
PROJECT	FIXTURE TYPE	DATE
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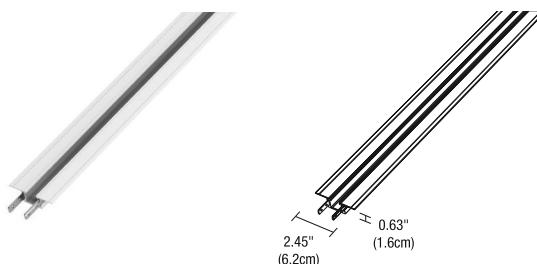
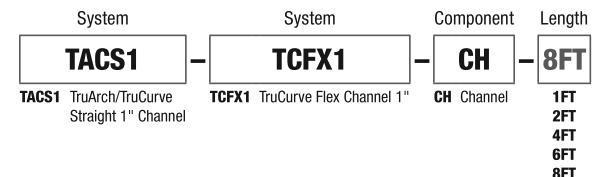
PATENT PENDING

REV 02.27.25



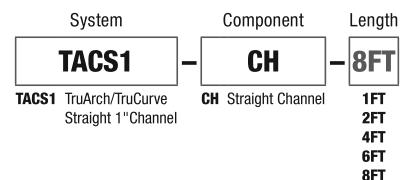
STRAIGHT TO CURVE CHANNEL

Plaster-In Straight Channel for connecting to TruCurve and TruArch flex channels. LED Strip is installed on the side of the channel. Both LED Strip and Lens are sold separately. Offered in various lengths and field-cuttable.

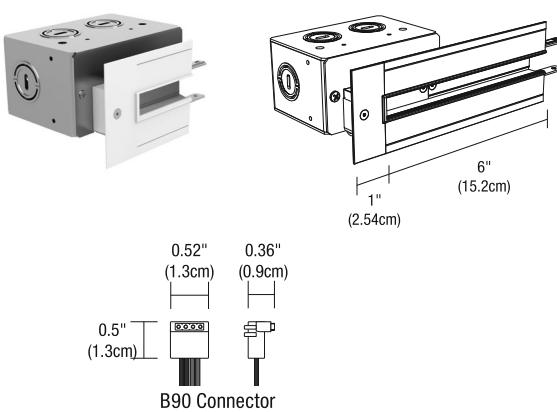


STRAIGHT TO STRAIGHT CHANNEL

Plaster-In Straight Channel for connecting to TruCurve or TruArch Flex Channels for long straight runs. LED Strip is installed on the side of the channel. Both LED Strip and Lens are sold separately. Channel comes in multiple lengths and may be field cut to exact length on-site.

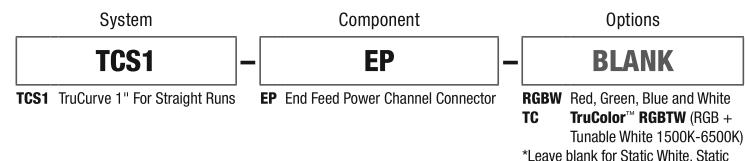


FOR TRADITIONAL DIMMING, DMX & DALI POWER FEEDS



TRADITIONAL DIMMING, 0-10V, DMX & DALI END FEED POWER CHANNEL CONNECTOR FOR STRAIGHT RUNS

Allows 24VDC power to be fed from the end of the channel. LED Strip (not included) installed flat on the side of the channel. Includes 6" of Channel, Channel Joiners, Junction Box, Adjustable Mounting Bars, and B90 Pinned Power Connector. Both LED Strip and Lens are sold separately.



PROJECT	FIXTURE TYPE	DATE
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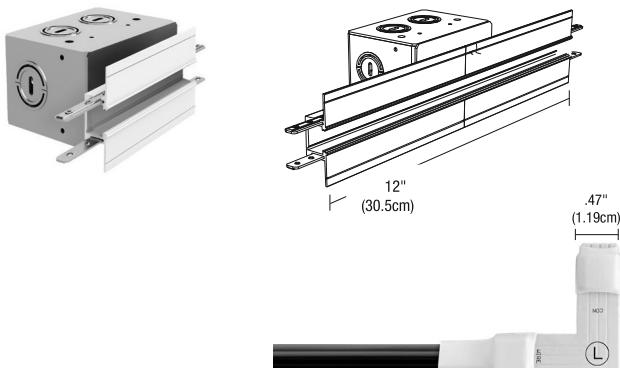
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PATENT PENDING

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FOR TRADITIONAL DIMMING, 0-10V, DMX AND DALI POWER FEEDS



2 Power Connectors (Included)

TRADITIONAL DIMMING, 0-10V, DMX & DALI CENTER FEED POWER CONNECTOR FOR STRAIGHT RUNS

Allows 24VDC power to be fed from the center of the channel in one or both directions. LED Strip installed on the side of the channel. Includes Channel Joiners, Junction Box, Adjustable Mounting Bars, and Pinned Power Connectors. Can be wired as a dual feed or single feed. Both LED Strip and Lens are sold separately.

System	Component	Options
TCS1	CFP	BLANK*

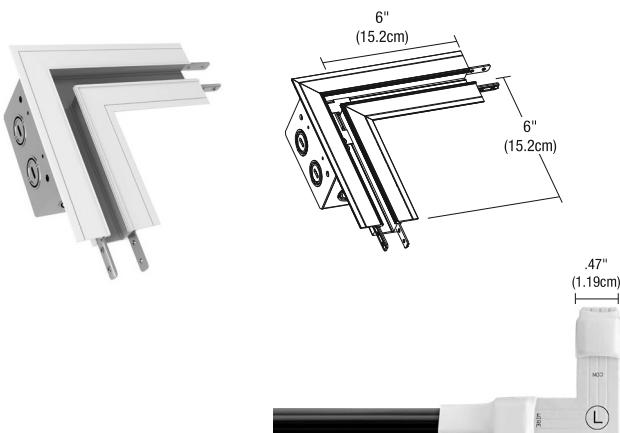
TCS1 TruCurve 1" for Straight Runs

CFP* Center Feed Power Connector

 RGBW Red, Green, Blue and White
 TC TruColor™ RGBTW (RGB + Tunable White 1500K-6500K)

*Includes Left & Right power feeds

*Leave blank for Static White, Static Color, Tunable White and RGB



Power Connector (Included)

TRADITIONAL DIMMING, 0-10V, DMX & DALI L POWER CHANNEL CONNECTOR

Allows 24VDC power to be fed from corners for 90° turns in picture frame installations feeding power in one or both directions. LED Strip installed on the side of the channel to create continuous illumination through 90 degree corner on a wall or ceiling. Includes Channel Joiners, Junction Box, Adjustable Mounting Bars, and Pinned Power Connectors. Can be wired as a dual feed or single feed. Both LED Strip and Lens are sold separately.

System	Component	Options
TCS1	LP	BLANK*

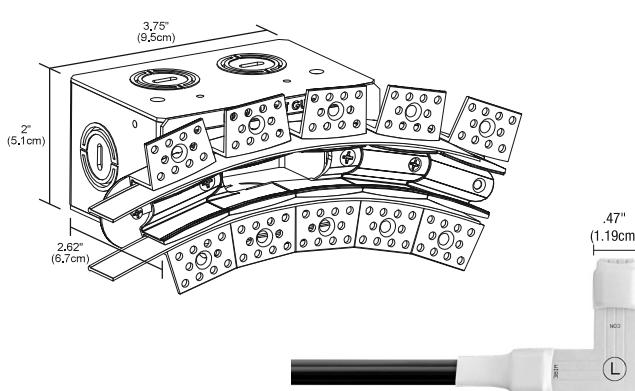
TCS1 TruCurve 1" for Straight Runs

LP* L Channel with Power Connector

 RGBW Red, Green, Blue and White
 TC TruColor™ RGBTW (RGB + Tunable White 1500K-6500K)

*Includes Left & Right power feeds

*Leave blank for Static White, Static Color, Tunable White and RGB



Power Connector (Included)

TRADITIONAL DIMMING, DMX, & DALI TRUCURVE FLEXIBLE CENTER POWER FEED WITH SINGLE OR DUAL POWER CONNECTOR

Allows 24VDC power to be fed from the center of the channel in one or both directions. LED Strip installed on the side of the channel. Includes Channel Joiners, Junction Box, Adjustable Mounting Bars, and Pinned Power Connector(s). Can be wired as a dual feed or single feed. Both LED Strip and Lens are sold separately.

System	Component	Options
TCFX1	CFP	BLANK*

TCFX1 TruCurve 1" Flex Channel

CFP Center Feed Power Connector

 RGBW Red, Green, Blue and White
 TC TruColor™ RGBTW (RGB + Tunable White 1500K-6500K)

*Includes Left & Right power feeds

*Leave blank for Static White, Static Color, Tunable White and RGB

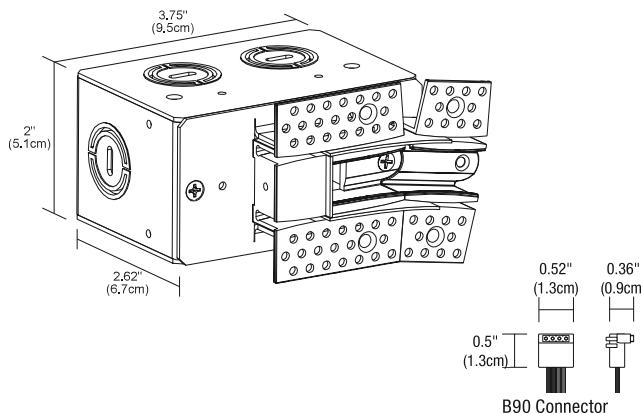
PROJECT	FIXTURE TYPE	DATE

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PATENT PENDING

FOR TRADITIONAL DIMMING, 0-10V, DMX & DALI POWER FEEDS



TRADITIONAL DIMMING, 0-10V, DMX & DALI TRUCURVE FLEXIBLE END FEED POWER CONNECTOR

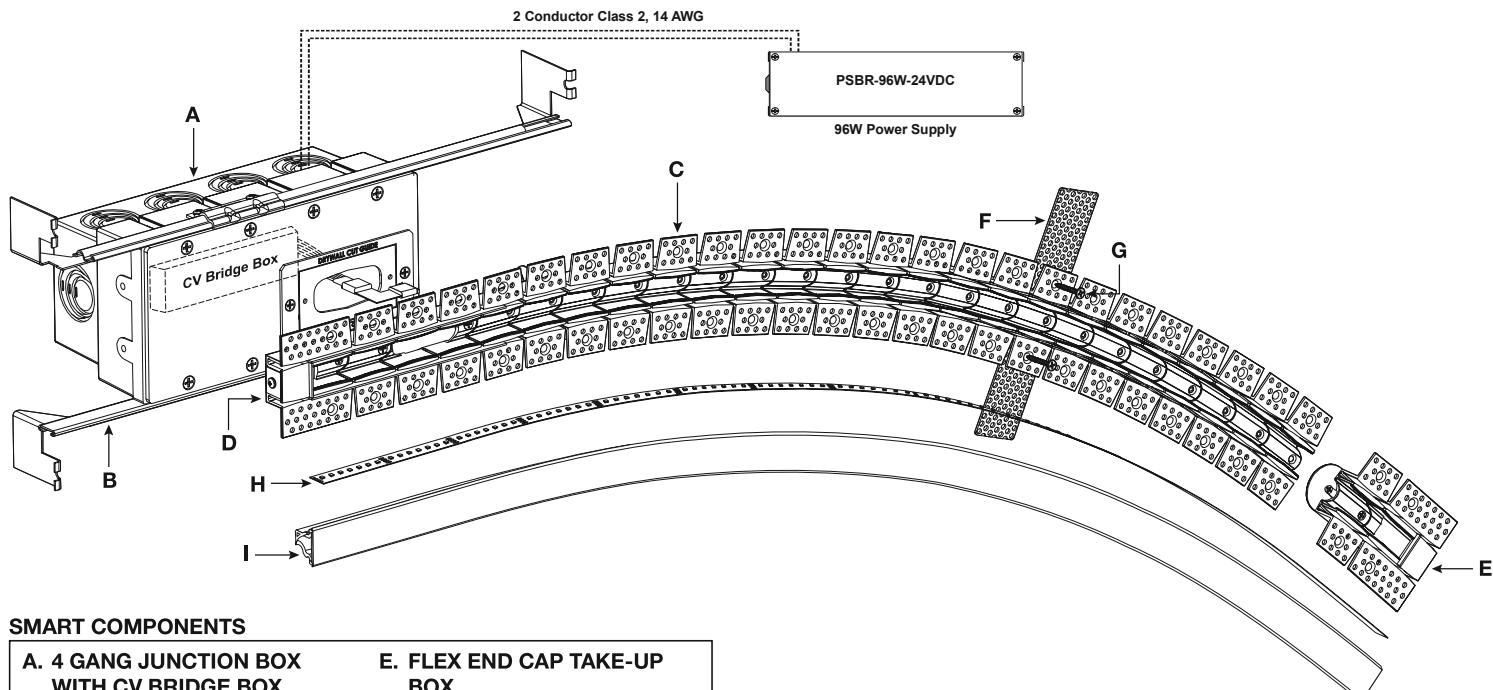
Allows 24VDC power to be fed from the end of the channel. LED Strip installed on the side of the channel. Includes Channel Joiners, Junction Box, Adjustable Mounting Bars, and Pinned Power Connector. Both LED Strip and Lens are sold separately.

System	Component	Options
TCFX1	EP	BLANK

TCFX1 TruCurve 1" Flex Channel EP End Feed Power Connector

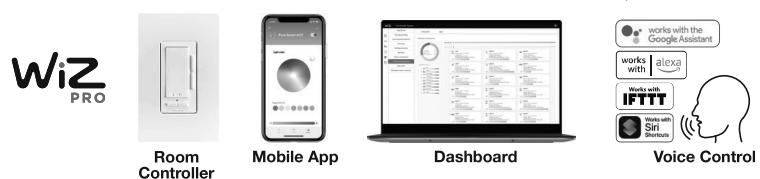
RGBW Red, Green, Blue and White
 TC TruColor™ RGBTW (RGB + Tunable White 1500K-6500K)
 *Leave blank for Static White, Static Color, Tunable White and RGB

Pure Smart WiZ Pro Controlled



SMART COMPONENTS

A. 4 GANG JUNCTION BOX WITH CV BRIDGE BOX	E. FLEX END CAP TAKE-UP BOX
B. ADJUSTABLE MOUNTING BARS	F. MOUNTING STRAP
C. TRUCURVE FLEXIBLE CHANNEL	G. DRYWALL SCREW
D. TRUCURVE FLEXIBLE END FEED POWER CONNECTOR	H. LED STRIP
	I. LENS

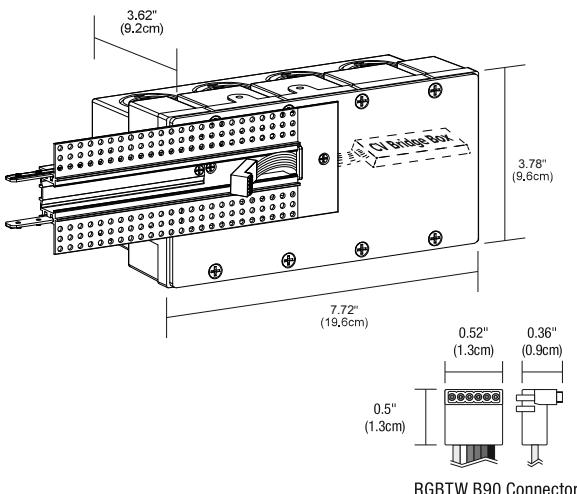


PROJECT	Fixture Type	DATE
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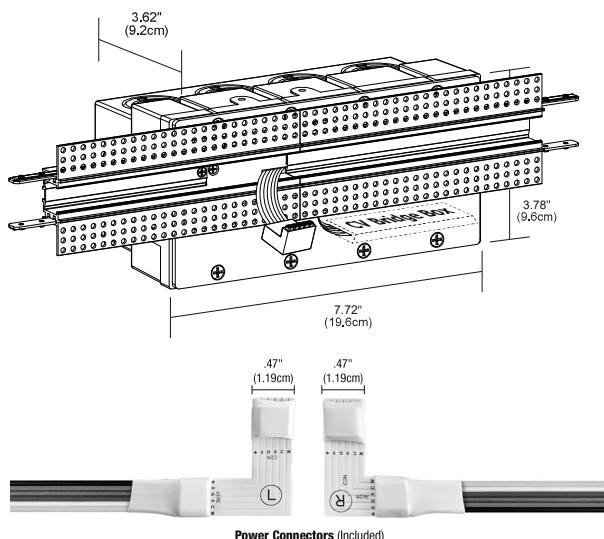
PURE SMART WIZ CONNECTED POWER FEEDS



PURE SMART TRUCURVE STRAIGHT CHANNEL END FEED POWER CONNECTOR WITH WIZ PRO CV BRIDGEBOX & JUNCTION BOX

Includes Pure Smart/WiZ Pro CV Bridgebox in a 4 gang Junction Box with adjustable bar hangers, B90 Pinned Power Connector for LED strip, and Channel Joiners. LED Soft Strip installed on the side of the channel. Requires two Class 2, 14 AWG stranded conductors from the remote power supply to Pure Smart/WiZ Pro CV Bridgebox in power feed. Both LED Strip and Lens are sold separately.

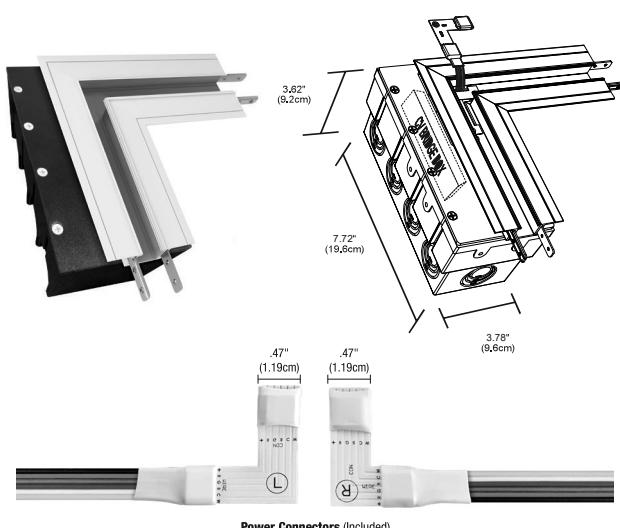
System	Component	Control	Ceiling/Wall Type	Color Temperature Options
TCS1	EP	WZ	JB4G	TW
TCS1 TruCurve Straight 1"	EP End Feed Power Connector and CV Bridgebox	WZ WiZ Pro Smart System	JB4G 4 Gang Junction Box	DW Static White TW Tunable White TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White



PURE SMART TRUCURVE STRAIGHT CHANNEL CENTER FEED POWER CONNECTOR WITH WIZ PRO CV BRIDGEBOX & JUNCTION BOX

Includes Pure Smart/WiZ Pro CV Bridgebox in a 4 gang Junction Box with adjustable bar hangers, Pinned Power Connector(s) for LED strip, and Channel Joiners. LED Soft Strip installed on the side of the channel. Requires two Class 2, 14 AWG stranded conductors per CV Bridgebox/ Remote Power Supply. Both LED Strip and Lens are sold separately.

System	Component	Control	Ceiling/Wall Type	Color Temperature Options
TCS1	CFP	WZ	JB4G	TW
TCS1 TruCurve Straight 1"	CFP Center Feed Power Connector and CV Bridgebox	WZ WiZ Pro Smart System	JB4G 4 Gang Junction Box	DW Static White TW Tunable White TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White



PURE SMART TRUCURVE L POWER CHANNEL CONNECTOR WITH WIZ PRO CV BRIDGEBOX & JUNCTION BOX

Allows 24VDC power to be fed from corners for 90° turns in Picture Frame Installations in one or both directions. LED Strip installed on the side of the channel to create continuous illumination on a wall or ceiling. Includes Channel Joiners, Junction Box, Adjustable Mounting Bars, Pure Smart/WiZ Pro CV Bridgebox and Pinned Power Connectors. Requires two Class 2, 14 AWG stranded conductors per bridgebox/remote power supply. Both LED Strip and Lens are sold separately.

System	Component	Control	Ceiling/Wall Type	Options
TCS1	LP	WZ	JB4G	TC
TCS1 TruCurve Straight 1"	LP L Power Channel Connector and CV Bridgebox	WZ WiZ Pro Smart System	JB4G 4 Gang Junction Box	DW Static White TW Tunable White TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White
	LP2 Dual L Power Channel Connector with 2 WIZ CV Bridgeboxes			

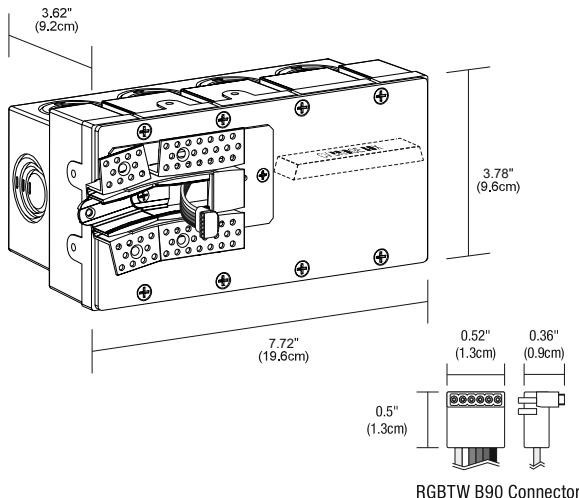


PROJECT	FIXTURE TYPE	DATE

TRUCURVE 1 DIY 24VDC

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PURE SMART WIZ CONNECTED POWER FEEDS

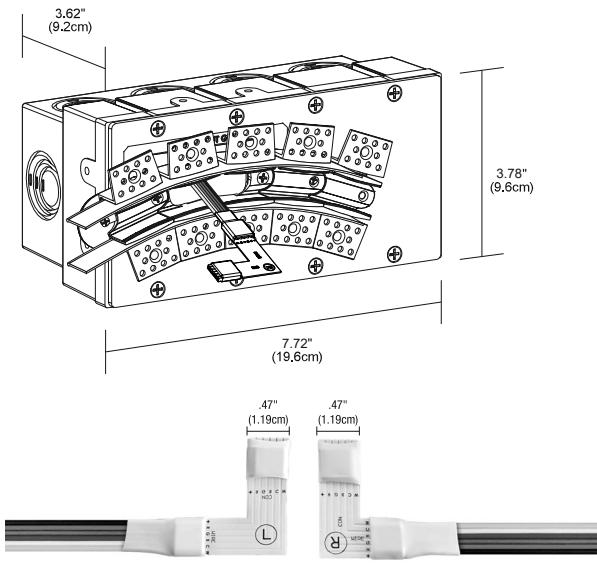


PURE SMART TRUCURVE FLEX CHANNEL END POWER WITH WIZ PRO CV BRIDGEBOX & JUNCTION BOX

Allows remote located power supply wires to be fed from either end of the channel. LED Strip is to be installed on the side of the channel. Includes Pure Smart/WiZ Pro CV Bridgebox in a 4 gang Junction Box with adjustable bar hangers, B90 Pin Connector for LED strip, and Channel Joiners. Requires two Class 2, 14 AWG stranded conductors from the Remote Power Supply to Pure Smart/WiZ Pro CV Bridgebox in power feed. Both LED Strip and Lens are sold separately.

System	Component	Control	Ceiling/Wall Type	Color Temperature Options
TCFX1	EP	WZ	JB4G	TW
TCFX1 TruCurve Flex 1"	EP End Feed Power Connector and CV Bridgebox	WZ WIZ Pro Smart System	JB4G 4 Gang Junction Box	DW Static White or Warm Dim TW Tunable White
				TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White
				TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White

WIZ
PRO



Power Connectors (Included)

PURE SMART TRUCURVE FLEX CHANNEL CENTER FEED POWER CONNECTOR WITH WIZ PRO CV BRIDGEBOX AND JUNCTION BOX

Allows remote located power supply wires to be fed from the center of the channel in one or both directions. LED Strip is to be installed on the side of the channel. Includes Channel Joiners, 4 Gang Junction Box with Pure Smart/WiZ Pro CV Bridgebox, Adjustable Mounting Bars, and Pin Connector(s) for LED strip. Requires two Class 2, 14 AWG stranded conductors per CV Bridgebox/Remote Power Supply. Both LED Strip and Lens are sold separately.

System	Component	Control	Ceiling/Wall Type	Color Temperature Options
TCFX1	CFP1	WZ	JB4G	TW
TCFX1 TruCurve Flex 1"	CFP1 Center Feed Power Connector with 1 WIZ CV Bridgebox	WZ WIZ Pro Smart System	JB4G 4 Gang Junction Box	DW Static White or Warm Dim TW Tunable White
	CFP2 Dual Center Feed Power Connector with 2 WIZ CV Bridgeboxes			TC5W5 TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White
				TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White

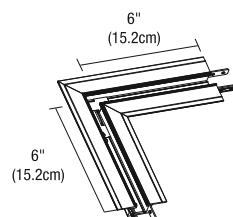
WIZ
PRO

PROJECT	FIXTURE TYPE	DATE
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ADDITIONAL COMPONENTS

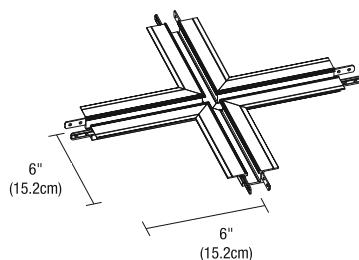
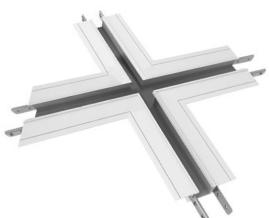


TRUCURVE L-PICTURE FRAME CHANNEL CONNECTOR

L Channel for connecting to TruCurve or TruArch flex channels. Allows Picture Frame installation 90° turns. LED Strip installs on the side of the channel to create continuous illumination on a wall or ceiling. Includes Channel Joiners. Both LED Strip and Lens are sold separately.

System	Component
TACS1	L

TACS1 TruCurve 1" L L-Picture Frame Channel Connector

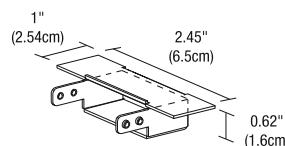


X CHANNEL CONNECTOR

LED Strip 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. LED Strip and Lens are sold separately. Custom X degrees upon request.

System	Component
TACS1	X

TACS1 TruLine 1" X X Channel Connector

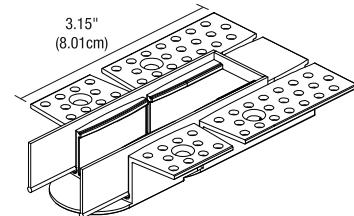
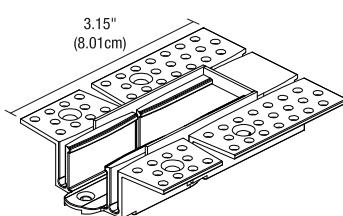


TRUCURVE STRAIGHT CHANNEL END CAP TAKE-UP BOX

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

System	Component
TL.5	TBOX

TL.5 TruLine .5A TBOX Take-Up Box



Top

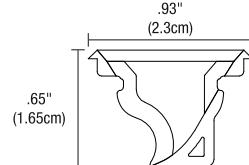
Bottom

TRUCURVE FLEX CHANNEL END CAP TAKE-UP BOX (SOLD IN PAIRS)

Prevents dark spots at end of run by tucking excess LED Strip safely behind wall. Includes Channel Joiners. Both LED Strip and Lens are sold separately.

System	Component
TCFX1	ETB

TCFX1 TruCurve Flex 1" ETB End Caps for Straight to TruCurve Flex Channel, Top & Bottom connector



TRUCURVE FLEXIBLE DIFFUSED LENS

Flexible Diffused Lens up to 40ft in length, order in 1 ft increments. Recommended to order 2 ft extra. Includes two light blocker end caps.

System	Component	Length in Feet
TC1	LENS	40FT

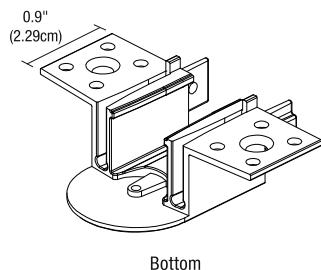
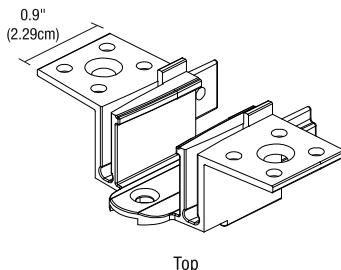
TC1 TruCurve 1" LENS Flexible Diffused Lens 1-40FT 1-40"

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ADDITIONAL COMPONENTS

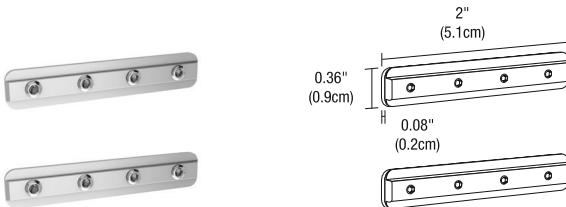


TOP & BOTTOM FLEX CHANNEL ADAPTERS (SOLD IN PAIRS)

Included with straight channels and TruArch Flex Channels. Use if cutting TACS1 channels

System	Component
TCFX1	ATB

TCFX1 TruCurve Flex 1" ATB Adapters for Straight to TruCurve Flex Channel, Top & Bottom

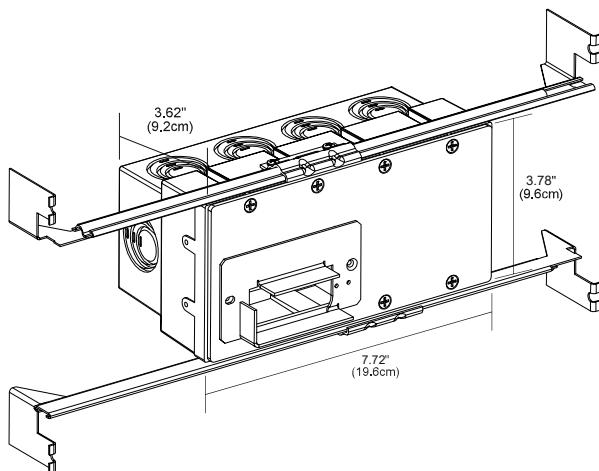


CHANNEL JOINERS

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

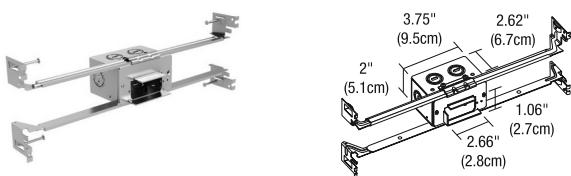


PURE SMART 4 GANG JUNCTION BOX (INCLUDED WITH PURE SMART POWER FEED ORDERING CODE)

Includes a 4 gang Junction Box with Adjustable Bar Hangers. Requires two Class 2, 14 AWG stranded conductors for each Pure Smart/WiZ Pro Bridgebox. Can be quick shipped for rough-in.

System	Type
TL1A	1RE4G

TL1A TruLine & TruCurve 1A
1RE4G 1" Rectangle End Feed
1RC4G 1" Rectangle Center Feed
1LP4G 1" Rectangle L Feed
TCEFX4G 1" End Feed Flex
TCCFX4G 1" Center Feed Flex



TRADITIONAL DIMMING, 0-10V, DMX AND DALI JUNCTION BOX ROUGH-IN COMPONENT (INCLUDED WITH TRADITIONAL DIMMING, 0-10V, DMX & DALI POWER FEEDS)

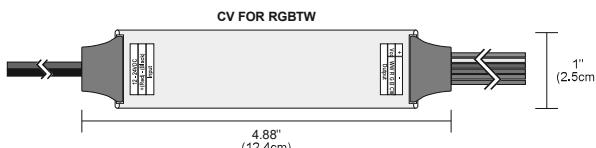
Junction box for rough-in electrical wiring before drywall installation. Quick shipment available.

System	Size	Component
TL1A	1RE	JBOX

TL1A TruLine & TruCurve 1A
1RE 1" Rectangle End Feed
1RC 1" Rectangle Center Feed
1LP 1" Rectangle L Feed
TCEFX 1" End Feed Flex
TCCFX 1" Center Feed Flex
JBOX Junction Box

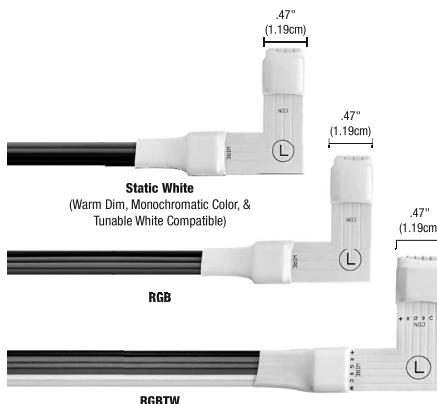
PROJECT	FIXTURE TYPE	DATE
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EXTRA PARTS

**PURE SMART/WIZ PRO CV BRIDGEBOX**

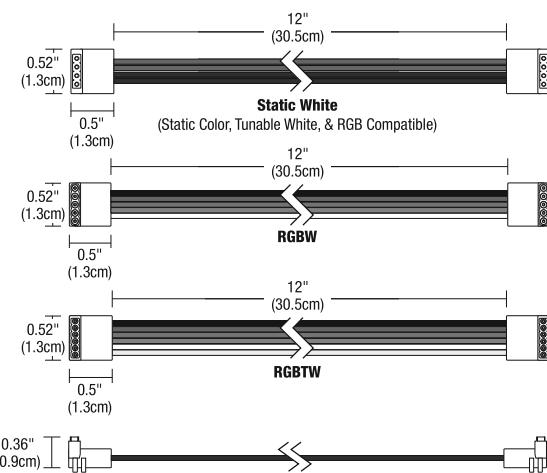
WiZ Pro CV Bridgeboxes are included with End Power Feed and Center Power Feed ordering codes. The part numbers below are to be used for replacements only. Pure Smart/WiZ Pro CV Bridgeboxes are pre-programmed with Pure Smart app icons, and proprietary color mixing for Tunable White and TruColor™ RGBTW.

Type	Type	Component	Color Temperature Options	System
BR	LBL	CV96W	TC5W5	RV
BR Bridgebox	LBL Flexible 90° L Connector Left	CV96W Slim Profile WiZ Bridgebox	DW Static White or Warm Dim Tunable White	RV Recessed Curve
LBR	Flexible 90° L Connector Right	TW TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White	TW TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White	
LBRL	Flexible 90° L Connector Left & Right	TC5W5	TC5W7	
B90	90° Connector			

**POWER FEED/FLEXIBLE CONNECTOR**

Included with Center Feed Power components. Part numbers listed below to be used for replacements only. 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.

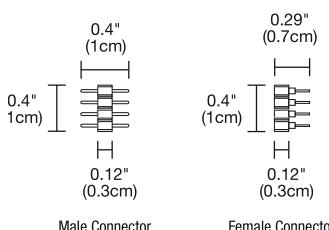
Product	Type	Component	Orientation	Size	Color Temperature Options
SS	FE	CON	LBL	6IN	RGBTW
SS Stomp Strip/Soft Strip	FE Female Pins	CON Connector	LBL Flexible 90° Left	6IN 6 inches	DW Static White, Warm Dim or Tunable White
			LBR Flexible 90° Right		RGB Red, Green, & Blue
					RGBTW TruColor™ RGBTW (RGB + Tunable White 1500K-6500K)

**B90 CONNECTORS**

Dual ended 90° connector. Included with end power component, the ordering code below is to be used for replacement purposes only.

System	Type	Type	Color Temperature Options
SS	PFE	2XB90	BLANK
SS Soft Strip	PFE Power Feed	2XB90 2-Sided 90° Power Feed Connector	RGBW Red, Green, Blue and White RGBTW RGBTW (RGB + Tunable White 1500K-6500K)

*Leave blank for Static White, Static Color, Tunable White and RGB

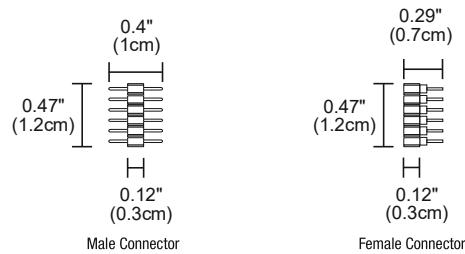
**PIN CONNECTORS**

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

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

PROJECT	FIXTURE TYPE	DATE

EXTRA PARTS

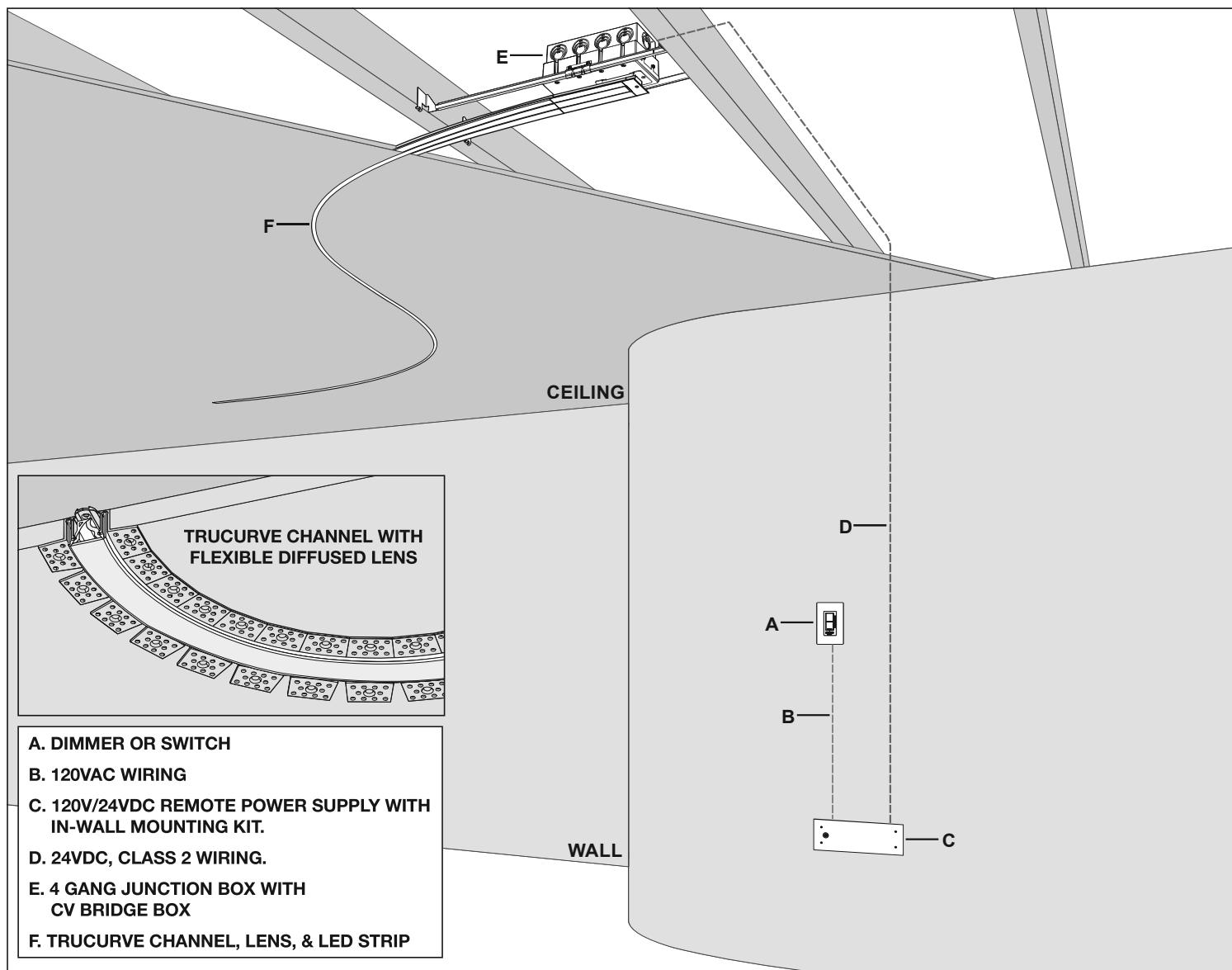


PIN CONNECTORS

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

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

INSTALLATION EXAMPLE: Pure Smart WiZ Pro Controlled

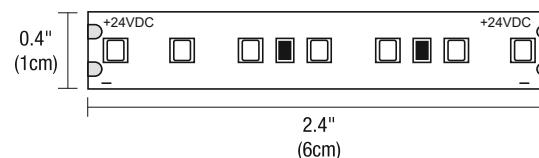


PROJECT	FIXTURE TYPE	DATE
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STOMP STRIP, STATIC WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



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 DIY (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with pin connectors 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

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.4 watts per foot - 20'
- 7WDC, 7.3 watts per foot - 12'

LAMP

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

SPECIFICATIONS

- 24VDC
- 2.5, 4.4, or 7.3 watts per foot
- Sold in 1' increments
- Field-cuttable 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

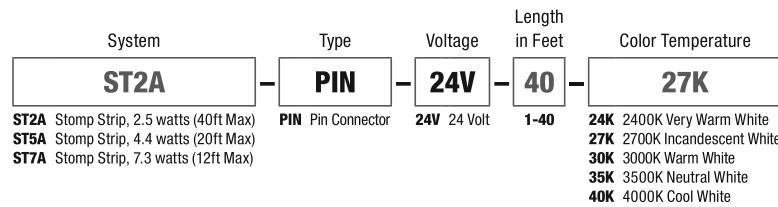
- [Home Integration Solutions](#)
- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(ELV, TRIAC, 0-10V\)](#)
ELV & TRIAC Smart Dimmer & Switch
- [DALI/DALI-2](#)
- [Lutron Hi-Lume/Ecosystem](#)

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

APPROVALS

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

NOMINAL LAMP DATA		ST2A					ST5A				ST7A					
WATTS PER FOOT		2.5W					4.4W				7.3W					
COLOR TEMPERATURE		24K	27K	30K	35K	40K	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	811	820	854	980	1033
LUMENS PER WATT (lm/w)		114	115	120	137	145	119	121	126	144	152	111	112	117	134	142
CRI		92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

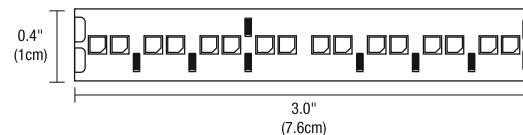
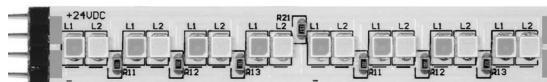


PROJECT	FIXTURE TYPE	DATE

WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



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 **DIY** (Do-it-Yourself) fixtures and systems. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

FEATURES & BENEFITS

- Offered with pin connectors 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

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC, 4.8 watts per foot - 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

SPECIFICATIONS

- 24VDC
- 4.8 watts per foot
- Sold in 1' increments
- Field-cuttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

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

24VDC, Class 2 wiring

- [Home Integration Solutions](#)
- [UNI Driver: Universal Dimming \(ELV, TRIAC, 0-10V\)](#)
ELV & TRIAC Smart Dimmer & Switch
- [DALI/DALI-2](#)
- [Lutron Hi-Lume/Ecosystem](#)

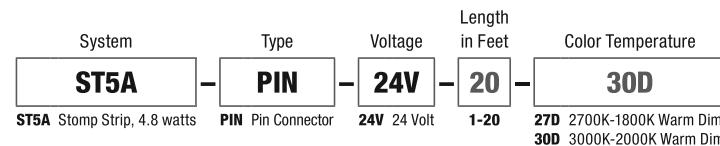
*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPROVALS

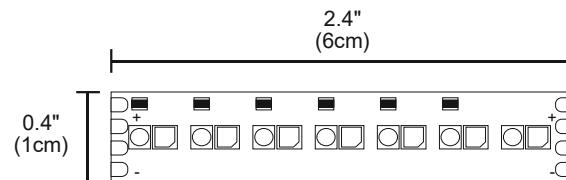
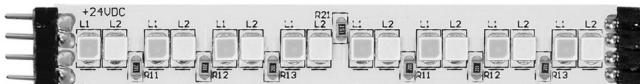
Class 2 Wiring up to 100 watts, Indoor Damp Location Suitable, RoHS, ETL listed.

NOMINAL LAMP DATA

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



PROJECT	FIXTURE TYPE	DATE


FEATURES & BENEFITS

- Pro Dim LED Strip provides adaptable dim to warm light with 0.1% Dim to off
- High CRI LEDs, offering superior color rendering and enhanced color
- Offered in 2W, 5W, & 7W watts per foot
- The 0.4" (10mm) wide strip contains 35 LEDs per foot (7 LEDs per 2.4" Increment): Tight spacing of LEDs produce uniform light distribution without visible diodes or pixelation when used within a diffused lens
- Gold Plated Contacts: Prevent oxidation ensuring longevity of the LEDs
- 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
- Applications: Indoor, damp and dry locations
- Warranty: Includes a 5-year pro-rated warranty

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 5 watts per foot - 20'
- 7WDC, 7.5 watts per foot - 12'

LAMP

- Available in 2700K **27KPD** (dims down to 1800K) and **3000K** (30KPD) that dims down to 2000K
- Linear Dimming Curve
- Designer Grade High CRI 92+ LEDs
- Average life: 50,000 hours

SPECIFICATIONS

- 24VDC, 120-277VAC Input
- 2.5, 5, and 7.5 watts per foot
- Sold in 1' increments
- Field-cuttable 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

- [Home Integration Solutions](#)
- [Pro Dim Power Supplies & Controls](#)

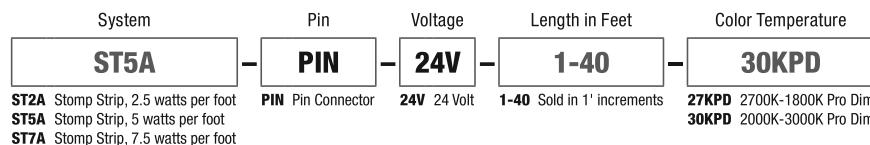
*In-Wall Mounting Kits available for select Power Supplies

APPROVALS

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

NOMINAL LAMP DATA

DESCRIPTION	ST2A KPD		ST5A KPD		ST7A KPD	
WATTS PER FOOT	2W (2.5 watts)		5W (5 watts)		7W (7.5 watts)	
COLOR TEMPERATURE	27KPD	30KPD	27KPD	30KPD	27KPD	30KPD
LUMENS PER FOOT (lm/ft)	165	173	426	451	523	548
LUMENS PER WATT (lm/w)	66	69	66	69	58	61
CRI	92+	92+	92+	92+	92+	92+

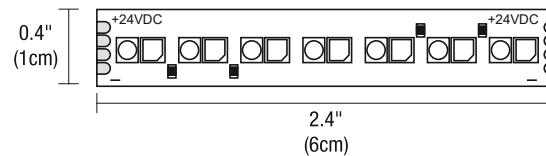


PROJECT	FIXTURE TYPE	DATE
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STOMP STRIP, TUNABLE WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



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 **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with pin connectors 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-cuttable 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

- [Home Integration Solutions](#)
- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [0-10V](#) Requires two dimmers, one for intensity and one for color temperature
- [DMX & Controls](#)
- [DALI/DALI-2](#)

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

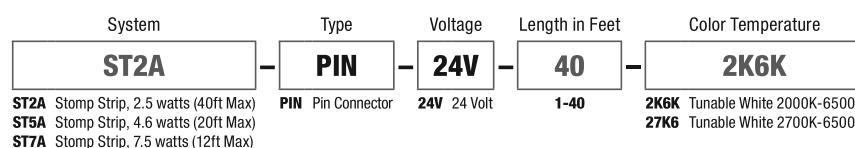
- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.6 watts per foot - 20'
- 7WDC, 7.5 watts per foot - 12'

APPROVALS

Class 2 Wiring, Indoor Damp Location Suitable, RoHS, ETL listed.

NOMINAL LAMP DATA		ST2A 2K6K										ST5A 2K6K										ST7A 2K6K									
WATTS PER FOOT		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+	94+	93+	92+	92+	91+	91+	91+	91+	91+	91+	91+	94+	93+	92+	91+	91+				

NOMINAL LAMP DATA		ST2A 27K6										ST5A 27K6										ST7A 2K6K									
WATTS PER FOOT		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									
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										
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										
CRI	94+	93+	92+	92+	92+	91+	94+	93+	92+	92+	92+	91+	94+	91+	94+	93+	92+	92+	94+	93+	92+	92+	91+	92+	91+	92+	91+	91+			

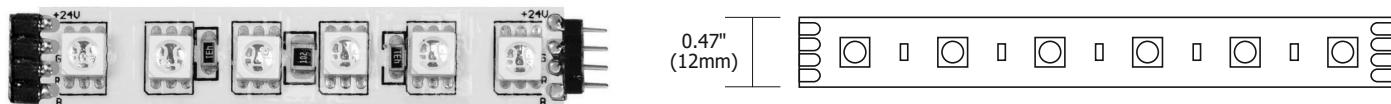


PROJECT	FIXTURE TYPE	DATE

SOFT STRIP, RGB

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



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 **DIY** (Do-it-Yourself) fixtures and systems.

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 2.6 or 5 watts per foot
- Maximum Lengths Before Re-feeding: SS3- 36', SS5- 20'
- Sold in 1' increments
- Field-cuttable in increments: SS3- 4" SS5- 2.4"
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MAXIMUM LENGTHS BEFORE RE-FEEDING

SS3, 2.6 watts per foot - 36'
SS5, 5 watts per foot - 20'

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: 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

- [Home Integration Solutions](#)
- [DMX & Controls](#)
- [DALI/DALI-2](#)

*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

Class 2 Wiring, Indoor Damp Location Suitable, RoHS, ETL listed.

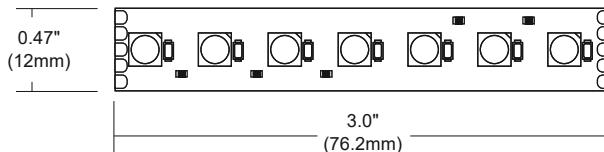
System	Type	Voltage	Length in Feet	Color Temperature
SS3	PIN	24V	36	RGB
SS3 Soft Strip 2.6 watts per foot (max 36')	PIN Pin Connector	24V 24 Volt	1-36 Sold in 1 ft. increments	RGB Dynamic Color Red, Green, and Blue
SS5 Soft Strip 5 watts per foot (max 20')				

PROJECT	FIXTURE TYPE	DATE

SOFT STRIP, RGB+WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



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
- Maximum Length Before Re-feeding: 16'
- Sold in 1' increments
- Field-cuttable 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

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

24VDC, CLASS 2 WIRING

- [Home Integration Solutions](#)
- [DMX & Controllers](#)
- [DALI/DALI-2](#)

*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

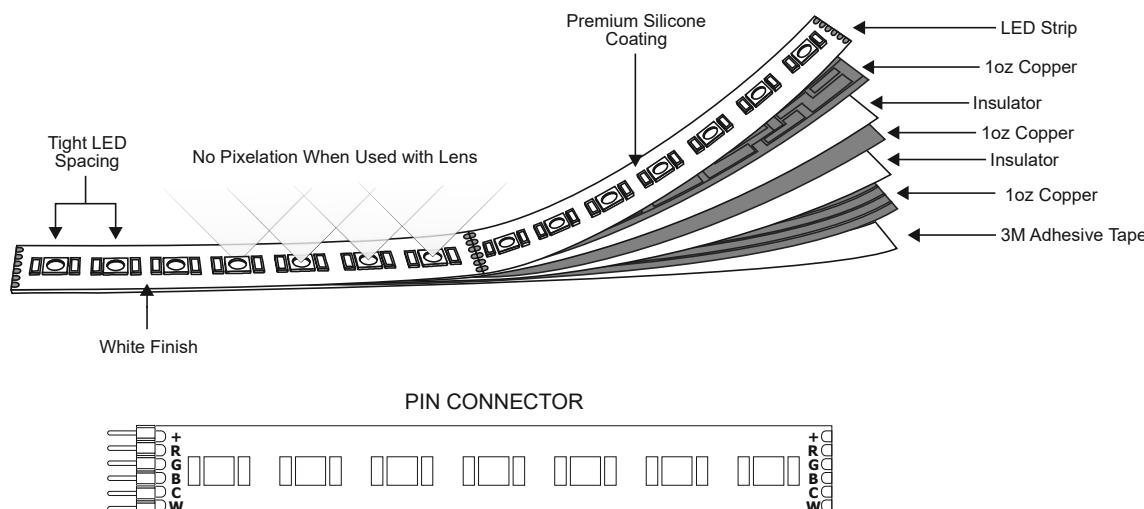
Class 2 Wiring, Indoor Damp Location Suitable, RoHS, ETL listed.

System	Type	Voltage	Length in Feet	Color Temperature
SS6	PIN	24V	16	RGB20K
SS6 Soft Strip 6.3 watts per foot	PIN Pin Connector	24V 24 Volt	1-16 Sold in 1 ft. increments	RGB20K Red, Green, Blue + White 2000K RGB27K Red, Green, Blue + White 2700K Special Order RGB30K Red, Green, Blue + White 3000K Special Order RGB40K Red, Green, Blue + White 4000K Special Order

PROJECT	FIXTURE TYPE	DATE

TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

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

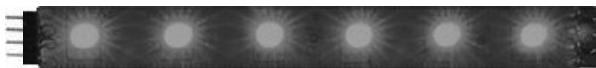
S5W7 WATTS PER FOOT			
LENGTH IN FEET	RGB Wattage	Tunable White Wattage	Pure Smart™ Wiz Pro Wattage
1	5	7	7
2	10	14	14
3	15	21	21
4	20	28	28
5	25	35	35
6	30	42	42
7	35	49	49
8	40	56	56
9	45	63	63
10	50	70	70
11	55	77	77
12	60	84	84

PROJECT	FIXTURE TYPE	DATE

SOFT STRIP, MONOCHROMATIC COLOR

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING



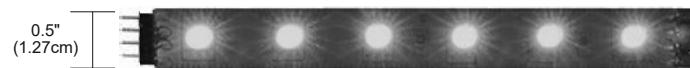
RRR - Red



BBB - Blue



AAA - Amber



GGG - Green

4"
(10.16cm)

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 **DIY** (Do-it-Yourself) fixtures and systems. Includes 5 year warranty.

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 2.6 or 5 watts per foot
- Sold in 1' increments
- Field-cuttable 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

- 3WDC, 2.6 watts per foot - 36'
- 5WDC, 5 watts per foot - 20'

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

24VDC, Class 2 wiring

- [Home Integration Solutions](#)
- Pure Smart™ WiZ Pro [Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(ELV, TRIAC, 0-10V ELV & TRIAC Smart Dimmer & Switch](#)
- [Lutron Hi-Lume/Ecosystem](#)
- [DALI/ DALI 2](#)

*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, Indoor Damp Location Suitable, RoHS, ETL listed.

System	Type	Voltage	Length In Feet	Color Temperature
SS3	PIN	24V	36	AAA
SS3 Soft Strip Commercial Grade, 2.6 watts per foot (max 36')	PIN Pin Connector	24V 24 Volt	1-36	1-36 feet
SS5 Soft Strip Commercial Grade, 5 watts per foot (max 20')				
				AAA Amber BBB Blue GGG Green RRR Red

PROJECT	FIXTURE TYPE	DATE

TRUCURVE 1 DIY 24VDC

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

NOMINAL DELIVERED LUMENS

DESCRIPTION	STATIC WHITE & WARM DIM																
	ST2A				ST5A						ST7A						
WATTS PER FOOT	2.5W				4.4W (*4.8W WarmDim)						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)	182	184	192	220	232	336	340	388	354	404	406	428	520	525	547	627	662
LUMENS PER WATT (lm/w)	73	74	77	88	93	76	77	81	80	84	92	97	71	72	75	86	91
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	TUNABLE WHITE - 27K6																				
	ST2A				ST5A						ST7A										
WATTS PER FOOT	2.5W				4.6W						7.5W										
COLOR TEMPERATURE	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)	105	125	128	132	144	155	148	263	269	279	289	286	284	283	355	363	377	391	386	383	382
LUMENS PER WATT (lm/w)	53	50	51	53	58	62	74	66	59	61	63	62	62	71	56	50	52	54	54	53	60
CRI	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+

DESCRIPTION	TUNABLE WHITE - 2K6K																										
	ST2A				ST5A						ST7A																
WATTS PER FOOT	2.5 W				5W						7.5W																
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)	97	99	100	101	103	105	115	124	133	236	245	255	264	274	293	314	317	322	328	344	359	374	390	420	443	447	451
LUMENS PER WATT (lm/w)	53	49	50	51	51	53	90	62	74	51	51	53	55	57	61	66	66	70	51	48	50	52	54	58	61	62	71
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+
WATTS/FOOT	2.7	4.6	4.4	4.3	4.3	4.4	4.2	3.0	2.4	3.4	3.9	6.2	6.0	6.2	5.8	3.5	3.0										

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

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

PROJECT	Fixture Type	Date

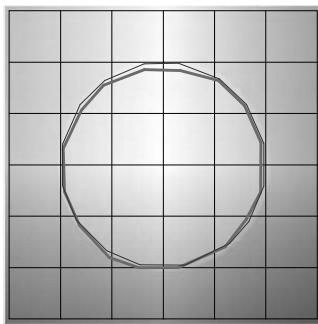
TM30 DATA

DO-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

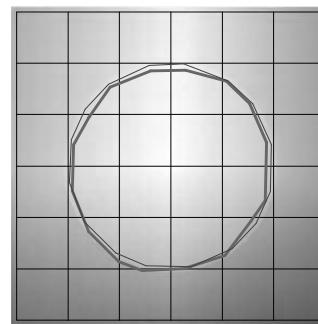


■ Test ■ Reference

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

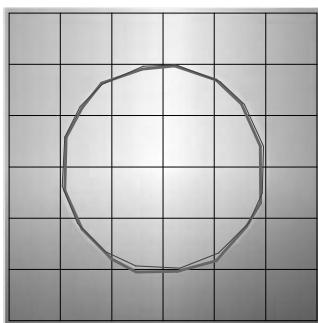


■ Test ■ Reference

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

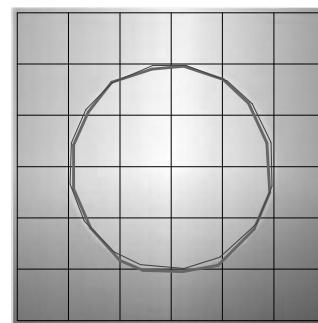


■ Test ■ Reference

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

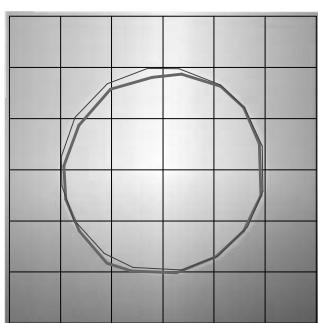


■ Test ■ Reference

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

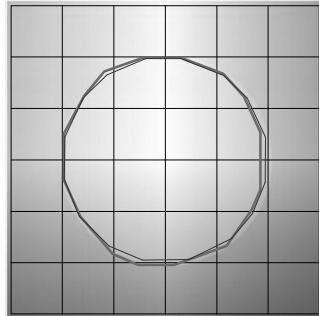
TM30 DATA

DO-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

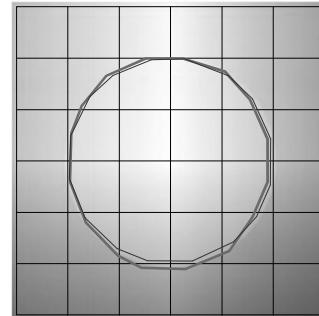


■ Test ■ Reference

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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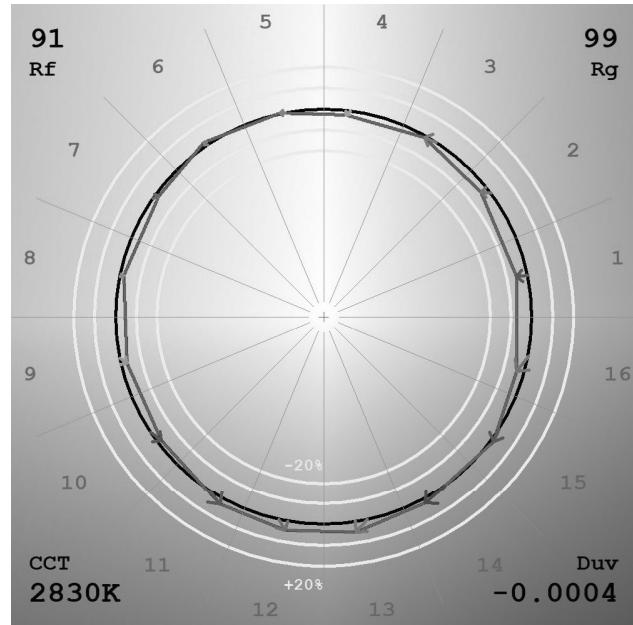
TM30 DATA

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

TM-30-15 DATA: The data below is for Pro Dim bare LED Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

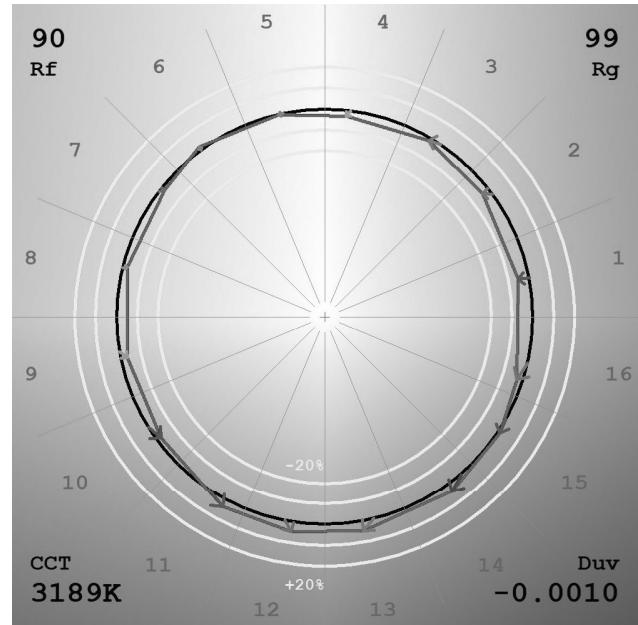
2000K ONLY (30KPD)

View Angle: 2 Deg



3000K ONLY (30KPD)

View Angle: 2 Deg



PROJECT	ITEM	FIXTURE TYPE	DATE
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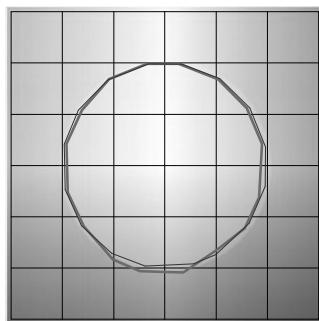
TM30 DATA

DO-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

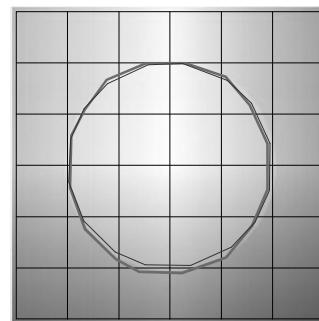
Color Vector Graphic



■ Test ■ Reference

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

Color Vector Graphic

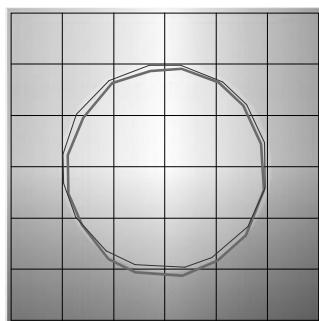


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

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

Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

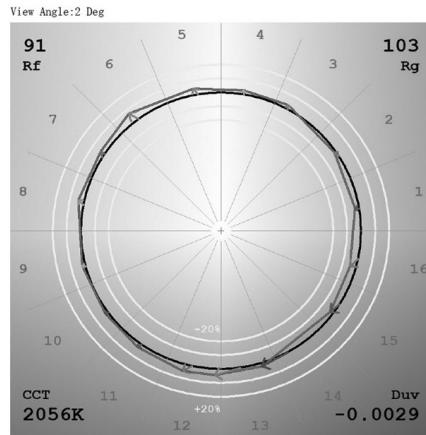
PROJECT	FIXTURE TYPE	DATE

TM30 DATA

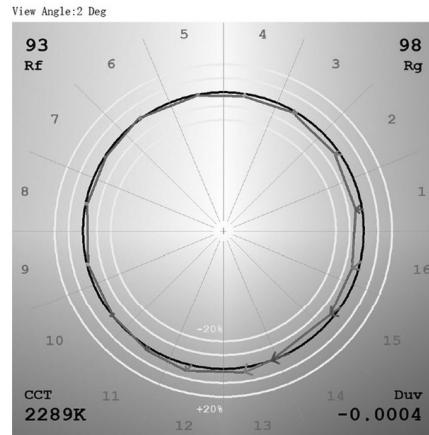
DO-IT-YOURSELF PLASTER-IN LED SYSTEM

TM-30-15 DATA: The data below is for TruColor™ RGBTW (S5W7) bare LED Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

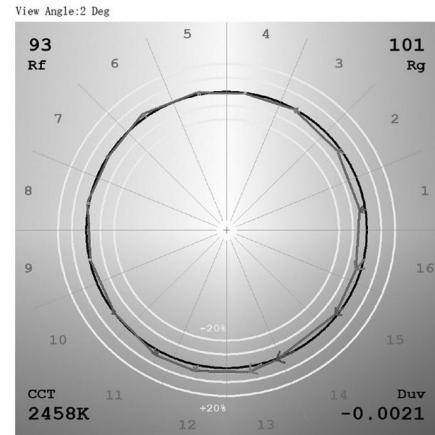
2000K (TruColor™ RGBTW)



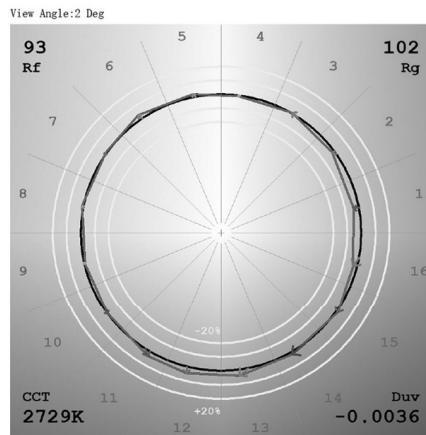
2200K (TruColor™ RGBTW)



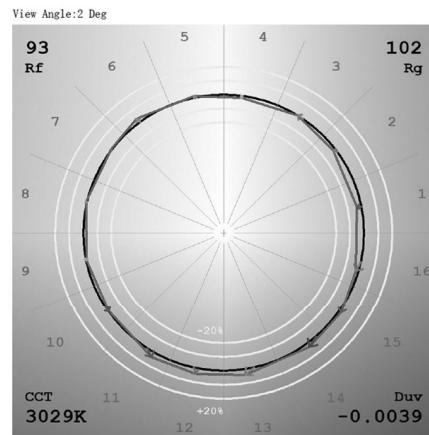
2400K (TruColor™ RGBTW)



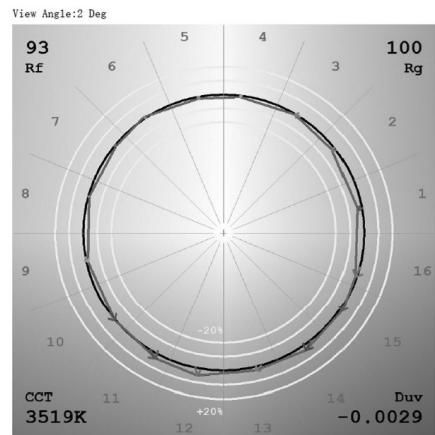
2700K (TruColor™ RGBTW)



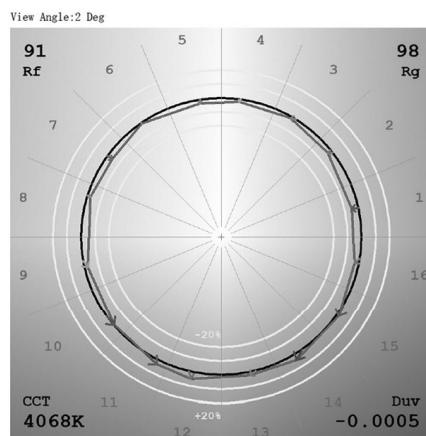
3000K (TruColor™ RGBTW)



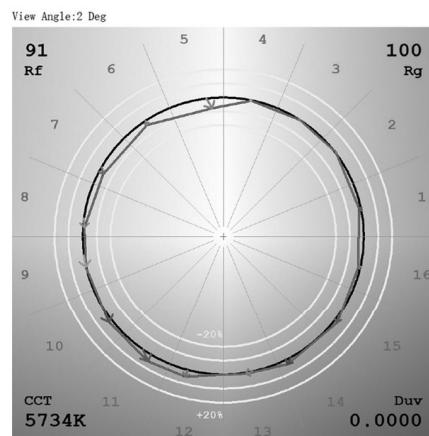
3500K (TruColor™ RGBTW)



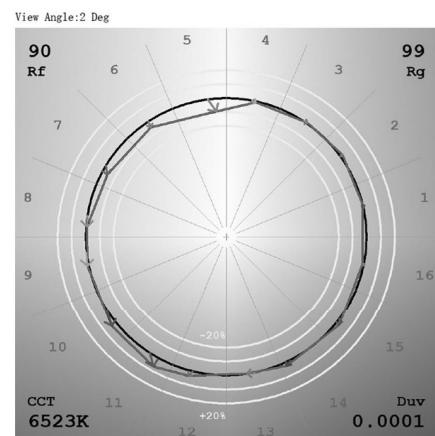
4000K (TruColor™ RGBTW)



5700K (TruColor™ RGBTW)



6500K (TruColor™ RGBTW)



PROJECT	FIXTURE TYPE	DATE
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