

TRUARCH 1 DIY

DO-IT-YOURSELF, 1" WIDE 24VDC PLASTER-IN LED SYSTEM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA, PATENT PENDING

REV 02.27.25



Let The Drywall Be Your Canvas

DESCRIPTION

TruArch 1 Inch wide DIY (**Do-It-Yourself**) is a 24VDC Plaster-in system that recesses within 5/8" drywall without any framing modification required. TruArch can be used within vertical archways or horizontally on curved walls with an inner or outer curvature that has a minimum radius of at least 8". 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 slim extrusions, LED strips, and lenses are field-cuttable and/or adjustable, streamlining the installation process. Multiple runs of channel mount flawlessly together (up to 40' before re-feeding). TruArch 1 is available in a broad range of wattages and color temperatures from 2400K-4000K in Static White, Warm Dim(**27D** or **30D**), Pro Dim (**27PD** or **30PD**), Tunable White(**2K6K** or **27K6**), **RGB**, **RGB+White** (Standard in 2000K, special order in 27K, 30K, and 40K), and **TruColor™ RGBTW** Color Changing RGB with Tunable White(1500K-6500K). Influenced by simplicity and elegance, TruArch 1 inch DIY Plaster-in system brings together a modern and dynamic appearance to residential and commercial projects alike, offering unlimited creativity, and empowering you to create one-of-a-kind, personalized spaces every time. Includes a 5-year pro-rated warranty. For custom designs and quotes, email our design team: design@PureEdgeLighting.com.

ORDERING

TruArch 1 DIY can be secured to studs spaced 13"-24" apart or in between them with the provided mounting straps. LED Strips and Remote Power Supply are required and sold separately. The channels are in 1' increments, the LED strips can be cut every 2.4" or 3" depending on the color temperature selection.

PRE-FORMED COMPONENTS

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.

LAMP

- 347lm/ft at 3000K 5W per foot
- Designer Grade LEDs with 95+ CRI
- For all strip's lumen performance see pages 9-18

LAMP

- Static White Color Temperatures ranging from **2400K-4000K**
- Warm Dim: **27D** (dims to 1800K) and **30D** (dims to 2000K), resembling incandescent and halogen light sources
- Pro-Dim: **27PD** (dims to 1800K) and **30PD** (dims to 2000K) dims to off with Pro-Dim Power Supply
- Tunable White: **2K6K** (2000K-6500K) and **27K6** (2700K-6500K) 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 1500K-6500K with R9 above 90 from color temperatures 2000K-5000K
- 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 10-19)

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

APPLICATIONS

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

COMPLIANCE

ETL Listed, Class 2, RoHs, Made in USA.

PureEdge is the Original Designer of 5/8" Drywall Products, Backed by Over 30 Years of Precision Manufacturing and Design.

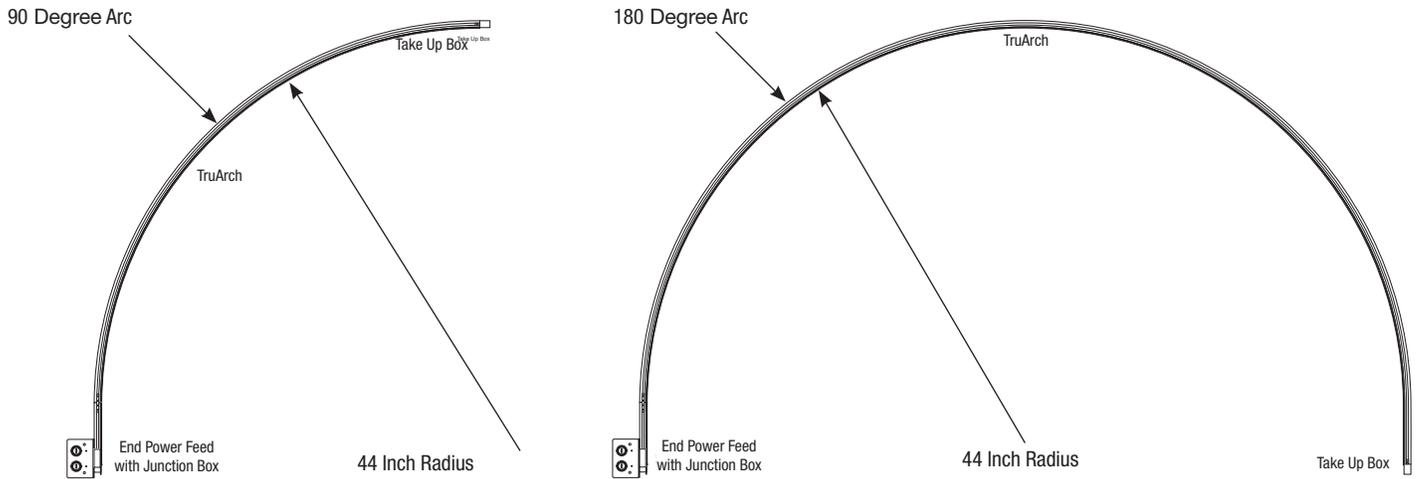
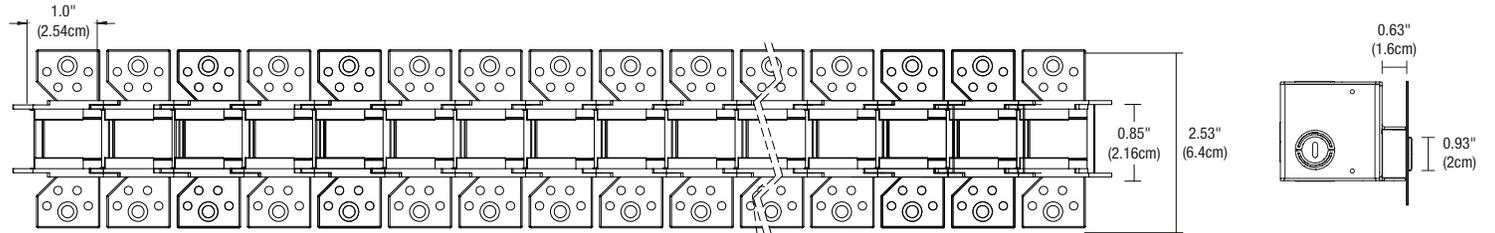
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ARCH LENGTH FORMULA: Arc Degree x .01744 x Radius = Arc Length

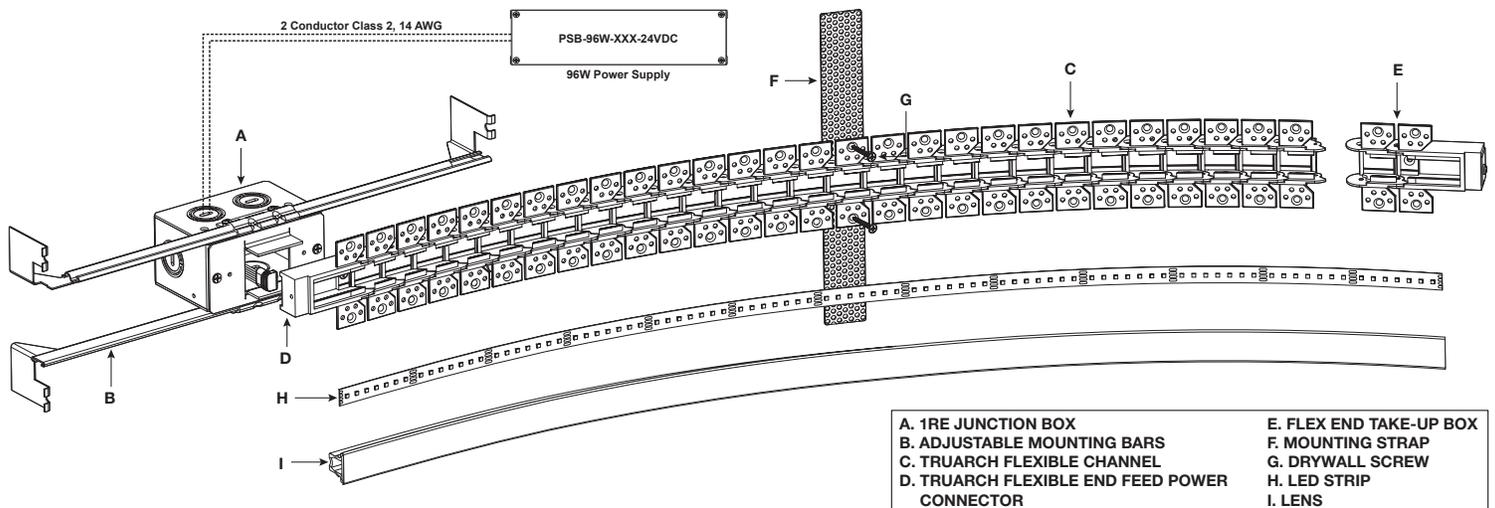
EXAMPLE (LEFT)

EXAMPLE (RIGHT)

$90^\circ \text{ Arc} \times .01744 \times 44" \text{ Radius} = 70.632$; $70.632"/12"(1\text{ft}) = 5.886$
 $5.886 \text{ ft} = 6 \text{ ft} = (\text{Qty } 1) \text{ 4 ft} \ \& \ (\text{Qty } 1) \text{ 2 ft Ordering Length}$

$180^\circ \text{ Arc} \times .01744 \times 44" \text{ Radius} = 138.124$; $138.124"/12" = 11.51$
 $11.51 \text{ ft} = 12 \text{ ft} = (\text{Qty } 3) \text{ 4 ft Ordering Length}$

FOR TRADITIONAL DIMMING, DMX & DALI POWER FEEDS



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

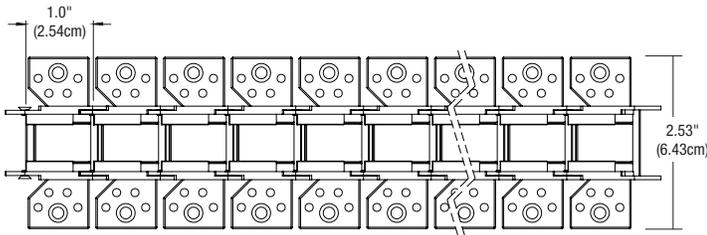
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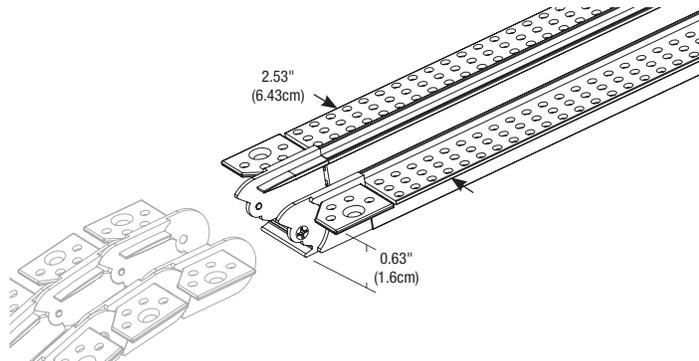
REV 02.27.25



TRUARCH FLEXIBLE CHANNEL

Plaster-In Flexible Channel. Lens and LED Strip (not included) is installed flat on bottom of the channel. Offered in various lengths, the 1" links may be added or removed with a screwdriver, no cutting required.

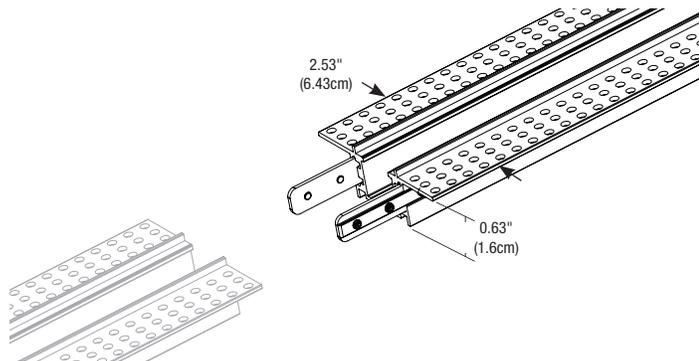
System	Component	Length in Feet
TAFX1	CH	4FT
TAFX1 TruArch Flex Channel 1"	CH Channel	1FT 2FT 4FT 8FT



STRAIGHT TO ARCH CHANNEL CONNECTOR

Plaster-In Straight Channel for connecting to TruArch flex channels. LED Strip and Lens (not included) is installed flat on the bottom of the channel. Offered in various lengths and are field-cuttable.

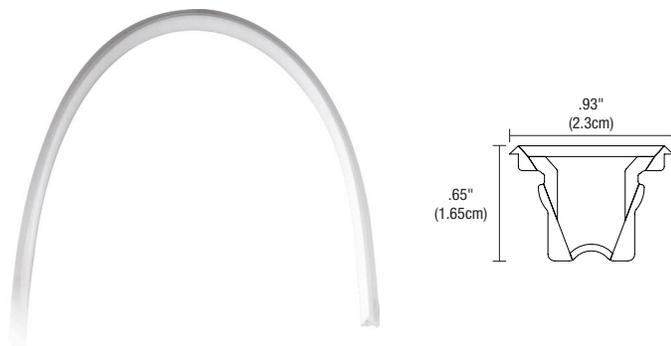
System	Type	Component	Length in Feet
TACS1	TAFX1	CH	8FT
TACS1 TruArch Straight to TruArch Flex 1"	TAFX1 TruArch Flex Connector 1	CH Channel	1FT 2FT 4FT 6FT 8FT



STRAIGHT TO STRAIGHT CHANNEL

Plaster-In Straight Channel for connecting multiple straight channels for longer straight runs. LED Strip and Lens (not included) is installed flat on the bottom of the channel. Offered in various lengths and are field-cuttable.

System	Component	Length in Feet
TACS1	CH	8FT
TACS1 TruArch or TruCurve Straight to Straight 1"	CH Channel	1FT 2FT 4FT 6FT 8FT



TRUARCH LENS

Flexible Diffused Lens up to 40ft in length, order in 1 ft increments. Recommended to order 2 ft extra. Lens is field-cuttable.

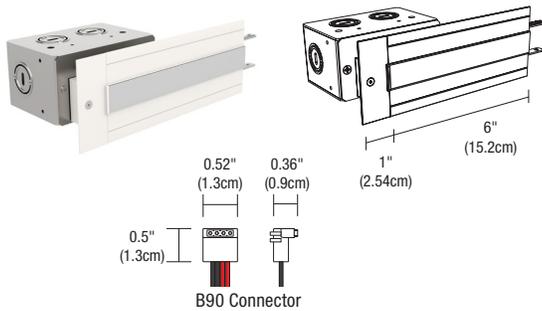
System	Component	Length in Feet
TA1	LENS	40FT
TA1 TruArch 1	LENS Flexible Diffused Lens	1-40FT

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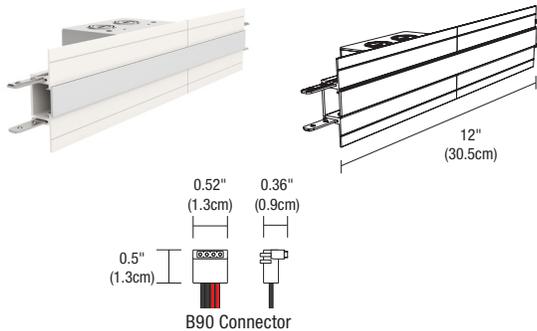
FOR TRADITIONAL DIMMING, 0-10V, DMX & DALI POWER FEEDS



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

Allows remote located power supply wires to be fed from either end of the channel. LED Strip (not included) is to be installed flat on the bottom of the channel. Includes Channel Joiners, Junction Box, Adjustable Mounting Bars, and B90 Power Connectors.

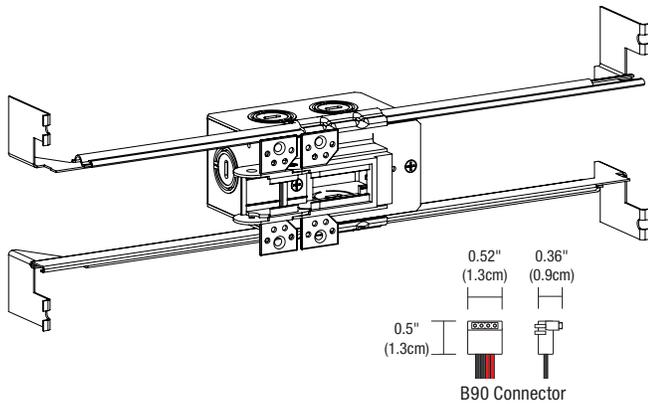
System	Component	Color Temperature Options
TAS1	EP	BLANK
TAS1 TruArch Straight 1"	EP End Feed Power Channel Straight Connector	RGBW Red, Green, Blue and White TC TruColor™ RGBTW (RGB + Tunable White 1500k-6500K) *Leave blank for Static White. Static Color, Tunable White and RGB



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

Allows remote located power supply wires to be fed from the center of the channel in one or both directions. LED Strip (not included) is to be installed flat on the bottom of the channel. Includes Channel Joiners, Junction Box, Adjustable Mounting Bars, and 2 Power Connectors.

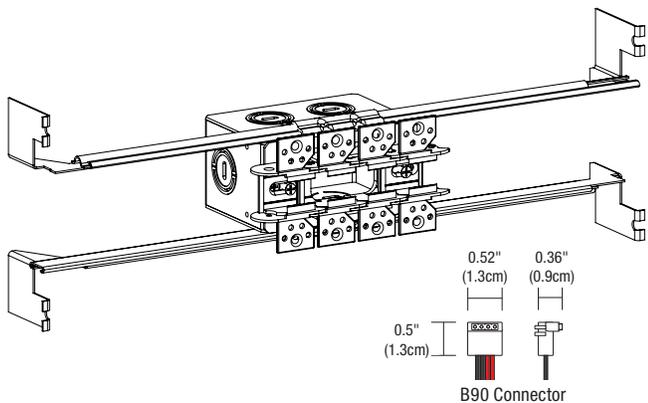
System	Component	Color Temperature Options
TAS1	CFP	BLANK
TAS1 TruArch Straight 1"	CFP 2 Center Feed Power Channel Connectors	RGBW Red, Green, Blue and White TC TruColor™ RGBTW (RGB + Tunable White 1500k-6500K) *Leave blank for Static White. Static Color, Tunable White and RGB



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

Allows remote located power supply wires to be fed from either end of the channel. LED Strip (not included) is to be installed flat on the bottom of the channel. Includes Lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, 2 Starter Channels (outside and inside), and B90 Power Connector.

System	Component	Color Temperature Options
TAFX1	EP	BLANK
TAFX1 TruArch Flex 1"	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



FLEX CHANNEL CENTER FEED POWER CHANNEL CONNECTOR FOR TRADITIONAL DIMMING, 0-10V, DMX & DALI

Allows remote located power supply wires to be fed from the center of the channel in one or both directions. LED Strip (not included) to be installed flat on the bottom of the channel. Includes Lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, and 2 Pinned Power Connectors for LED Strip.

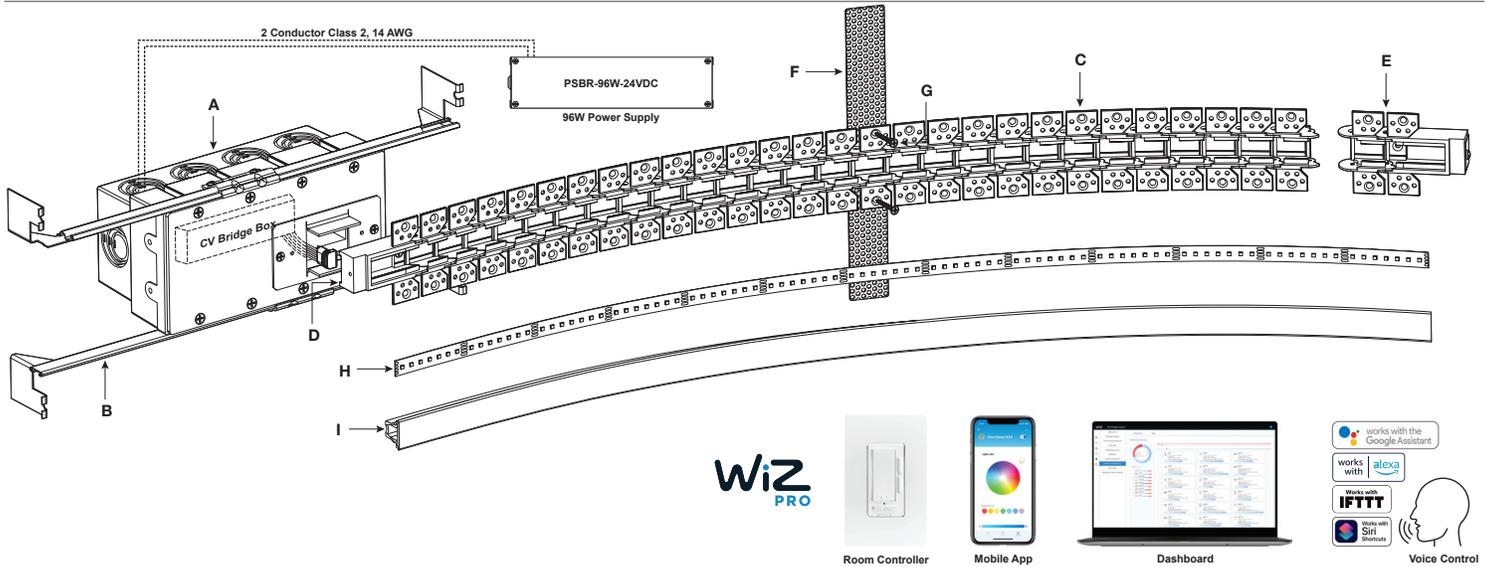
System	Component	Color Temperature Options
TAFX1	CFP	BLANK
TAFX1 TruArch Flex 1"	CFP 2 Center Feed Power Channel Connectors	RGBW Red, Green, Blue and White TC TruColor™ RGBTW (RGB + Tunable White 1500k-6500K) *Leave blank for Static White. Static Color, Tunable White and RGB

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PURE SMART WIZ PRO CONTROLLED COMPONENTS



A. 4 GANG JUNCTION BOX WITH CV BRIDGE BOX TL.5A-WZCV-EP4G-RGBTW (INCLUDED)

Mounts to framing with the included Adjustable Mounting Bars. 24VDC, Class 2, low voltage wires from PSBR Remote Power Supply (Sold Separately) connect to input wires on the CV Bridgebox inside the j-box. Low Voltage 24VDC wires from Remote Power Supply connect to input wires from bridgebox. Junction Box opening is covered by the included mounting plate and channel. Junction box is necessary for electrical rough-in prior to Truline channel installation. Junction Box and CV Bridgebox are included with Pure Smart Power Feed Connectors.

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. TRUARCH FLEXIBLE CHANNEL

5/8" deep extrusion houses single row of LED Strip.

D. TRUARCH FLEXIBLE END FEED POWER CONNECTOR

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

E. TAKE-UP BOX

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

F. MOUNTING STRAP

Secures channel to drywall when framing is unavailable.

G. DRYWALL SCREW

Secures channel to drywall and framing.

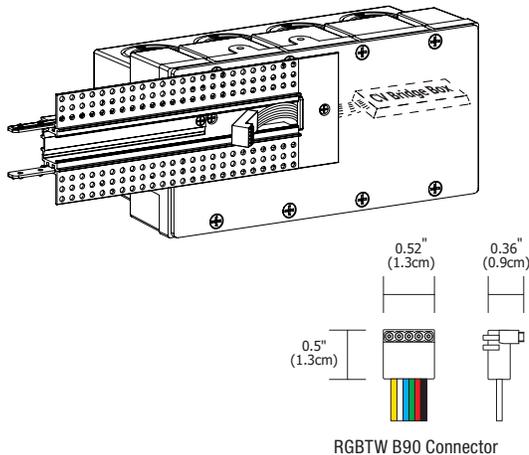
H. LED STRIP

Your selection of LED Strip CCT.

I. LENS

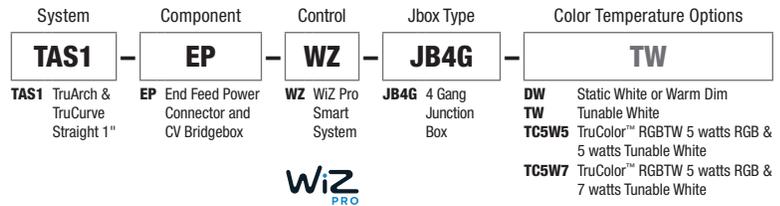
0.53" wide diffused white lens projects a clean and continuous illumination without pixelation.

PURE SMART WIZ CONNECTED POWER FEEDS



PURE SMART TRUARCH STRAIGHT CHANNEL END POWER FEED 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 Pin Connector for LED strip, and Channel Joiners. LED Strip (not included) is to be installed flat on the bottom of the channel. Needs two Class 2, 14AWG stranded conductors from the remote power supply to Pure Smart/Wiz Pro CV Bridgebox in power feed.

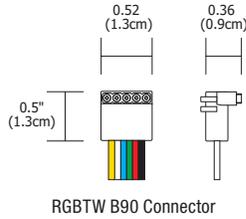
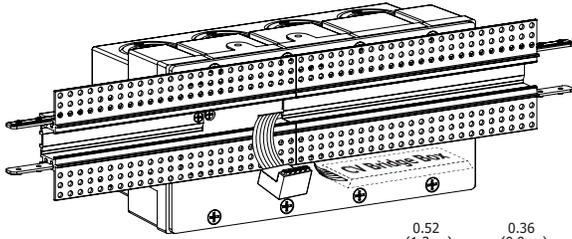


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PURE SMART WIZ CONNECTED POWER FEEDS

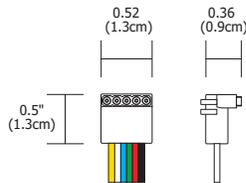
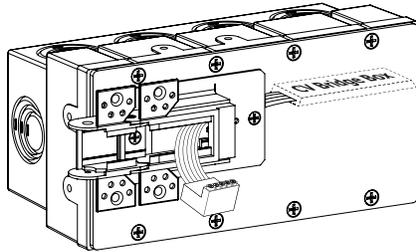


RGBTW B90 Connector

PURE SMART TRUARCH STRAIGHT CHANNEL CENTER POWER FEED 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 for LED strip, and channel joiners. LED Strip (not included) installed flat on the bottom of the channel. Needs two Class 2, 14AWG stranded conductors per bridgebox/remote power supply.

System	Component	Control	Jbox Type	Color Temperature Options
TAS1	CFP1	WZ	JB4G	TW
TAS1 TruArch & TruCurve Straight 1"	CFP1 Center Feed Power Connector Dual Feed with Two Power Connectors and CV Bridgeboxes	WZ WiZ Pro Smart System	JB4G 4 Gang Junction Box	DW Static White or Warm Dim Tunable White TW TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W5 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White

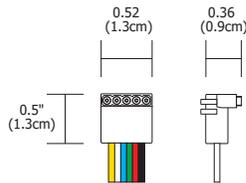
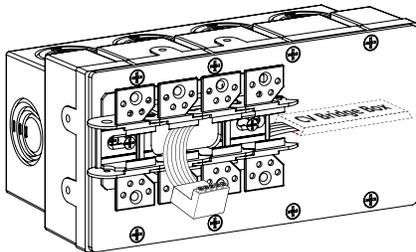


RGBTW B90 Connector

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

Allows remote located power supply wires to be fed from either end of the channel. LED Strip (not included) to be installed flat on the bottom of the channel. Includes Pure Smart/WiZ Pro CV Bridgebox in a 4 gang Junction Box with adjustable bar hangers, two Starter Channels (outside and inside), B90 Pin Connector for LED strip, and channel joiners. LED Strip (not included) installed flat on the bottom of the channel. Needs two Class 2, 14AWG stranded conductors from the remote power supply to Pure Smart/WiZ Pro CV Bridgebox in power feed.

System	Component	Control	Jbox Type	Color Temperature Options
TAFX1	EP	WZ	JB4G	TW
TAFX1 TruArch 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 Tunable White TW TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W5 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White



RGBTW B90 Connector

PURE SMART TRUARCH FLEX CHANNEL CENTER FEED POWER CONNECTOR WITH WIZ PRO CV BRIDGEBOX & JUNCTION BOX

Allows remote located power supply wires to be fed from the center of the channel in one or both directions. LED Strip (not included) to be installed flat on the bottom of the channel. Includes WiZ Pro CV Bridgebox in a 4 gang Junction Box Channel Joiners, Adjustable Mounting Bars, Power Connectors. and Pin Power Connector for LED strip. Needs two Class 2, 14 AWG stranded conductors per Bridgebox/Remote Power Supply.

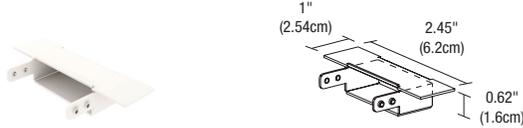
System	Component	Control	Jbox Type	Color Temperature Options
TAFX1	CFP1	WZ	JB4G	TW
TAFX1 TruArch Flex 1	CFP1 Center Feed Power Connector and CV Bridgebox CFP2 Center Feed with 2 Power Connectors and CV Bridgeboxes	WZ WiZ Pro Smart System	JB4G 4 Gang Junction Box	DW Static White or Warm Dim Tunable White TW TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White TC5W5 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White TC5W7 TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White



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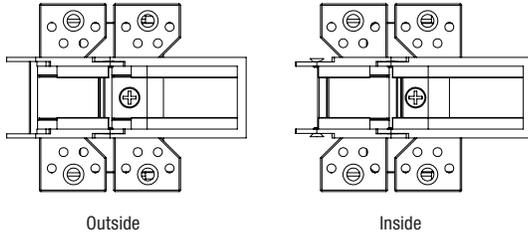
ADDITIONAL COMPONENTS & REPLACEMENT PARTS



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.

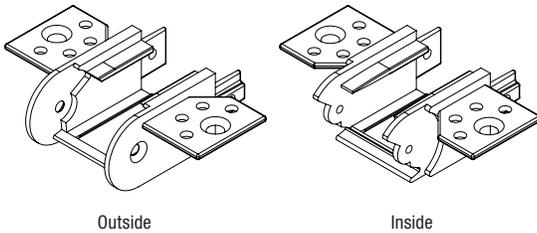
System	Component
TL.5A	TBOX
TL.5A TruLine .5A	TBOX Take-Up Box



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

Prevents dark spots at end of run by tucking excess LED Strip safely behind wall. Includes TAS1 Strait Channel Joiners.

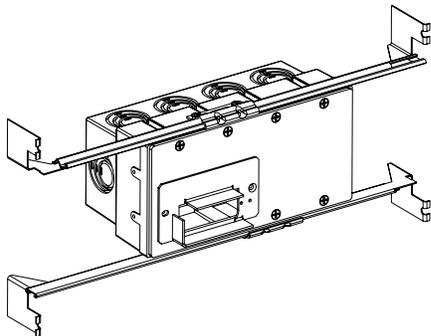
System	Component
TAFX1	EIO
TAFX1 TruArch Flex 1"	EIO End Caps, Inside & Outside



INSIDE AND OUTSIDE FLEX ADAPTERS (SOLD IN PAIRS)

Included with straight channels and TruArch Flex Channels. Use if cutting TAS1 channels

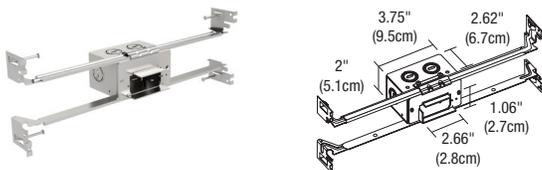
System	Component
TAFX1	AIO
TAFX1 TruArch Flex 1"	AIO Adapters for Straight to Arch Flex, Inside & Outside



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

Includes a 4 gang Junction Box with adjustable bar hangers.

System	Type
TL1A	1RE4G
TL1A TruLine 1A	1RE4G 1" Rectangle End Feed for Straight Channel 1RC4G 1" Rectangle Center Feed for Straight Channel 1LP4G 1" Rectangle L Feed for Straight Channel TCEFX4G 1" End Feed Flex TCCFX4G 1" Center Feed Flex



TRADITIONAL DIMMING, 0-10V, DMX & DALI JUNCTION BOX ROUGH-IN COMPONENT (INCLUDED WITH POWER FEED CONNECTOR ORDERING CODE)

Junction box for rough-in electrical wiring before drywall installation. Includes junction box, and adjustable bar hangers. Quick shipment available.

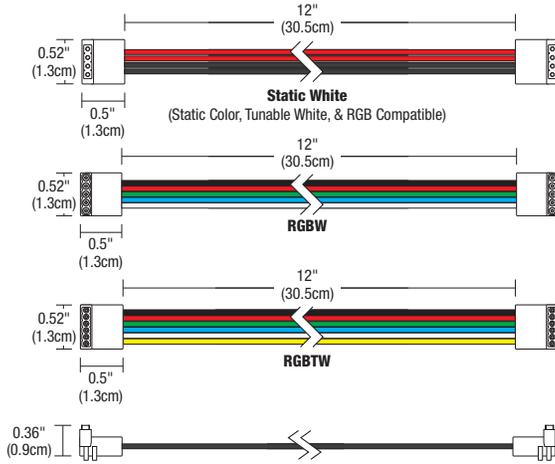
System	Type	Component
TL1A	1RE	JBOX
TL1A TruLine 1A	1RE 1" Rectangle End Feed for Straight Channel 1RC 1" Rectangle Center Feed for Straight Channel 1LP 1" Rectangle L Feed for Straight Channel EFX 1" End Feed Flex CFX 1" Center Feed Flex	JBOX Junction Box

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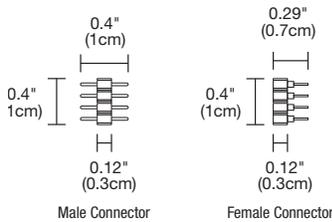
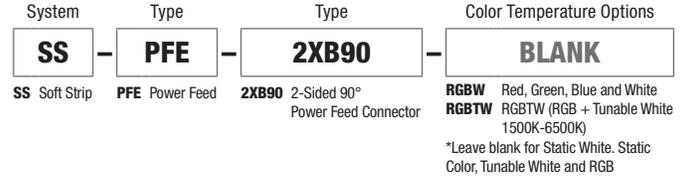
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ADDITIONAL COMPONENTS & REPLACEMENT PARTS



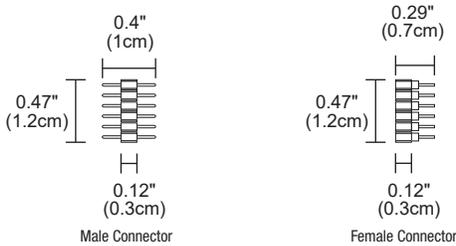
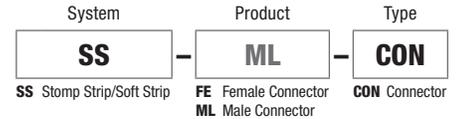
B90 CONNECTORS

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



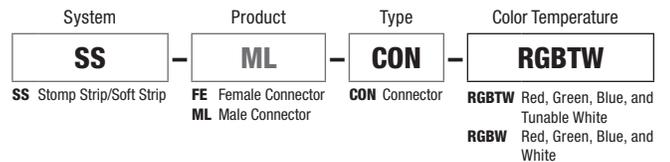
PIN CONNECTORS

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



PIN CONNECTORS

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

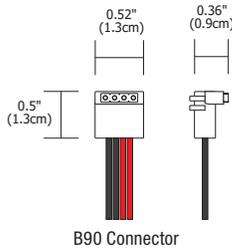
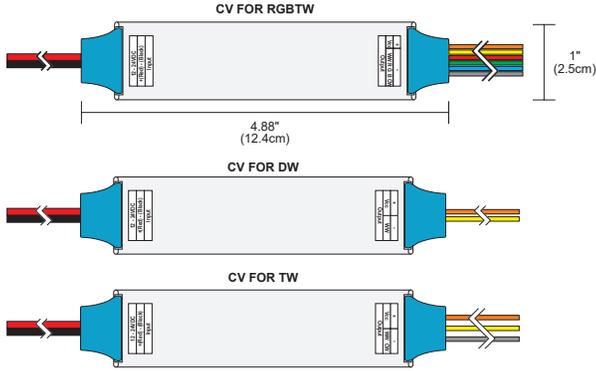


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REPLACEMENT PARTS



PURE SMART/WIZ PRO CV BRIDGEBOX (INCLUDED IN POWER FEED ORDERING CODE)

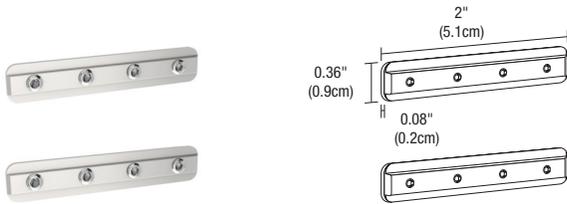
WiZ Bridgeboxes are included with end power and center power ordering codes. The part numbers below are to be used for replacement only. Pure Smart/WiZ Pro CV Bridgeboxes are pre-programmed with Pure Smart app icons, and proprietary color mixing for tunable white and RGBTW.

Type	Type	Control Type	Color Temperature Options	System
BR	B90	CV96W	TC5W5	RV
BR Bridgebox	CON B90 Straight Connector B90 90° Connector	CV96W Slim Profile WIZ Bridgebox	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	RV Recessed Curve



CHANNEL JOINERS

Included with TASC1 Straight Channel, 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 TruArch Channel Joiner	SC Straight Connector

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

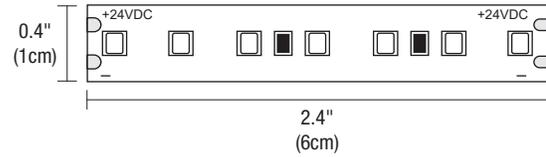
PROJECT		FIXTURE TYPE		DATE	
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STOMP STRIP, STATIC WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



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-cutable 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

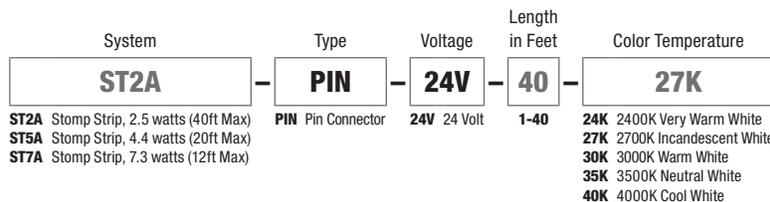
- [Home Integration Solutions](#)
- Pure Smart™ WiZ Pro [Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(ELV, TRIAC, 0-10V\)](#) ELV & TRIAC [Smart Dimmer & Switch](#)
- [DALI/DALI-2](#)
- [Lutron Hi-Lume/Ecosystem](#)

*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				
	2.5W					4.4W					7.3W				
WATTS PER FOOT															
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+



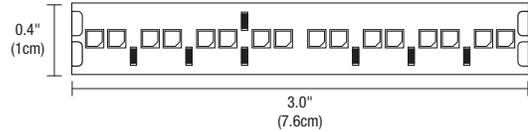
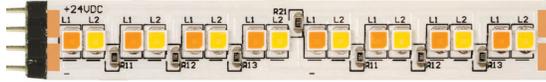
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WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



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-cutable 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

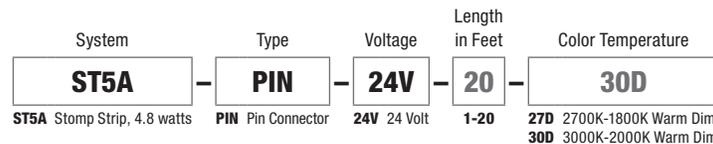
- [Home Integration Solutions](#)
- [UNI Driver: Universal Dimming \(ELV, TRIAC, 0-10V\)](#) ELV & TRIAC [Smart Dimmer & Switch](#)
- [DALI/DALI-2](#)
- [Lutron](#) Hi-Lume/Ecosystem

*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.

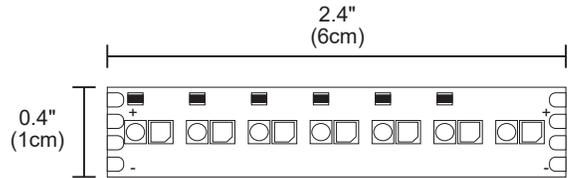
NOMINAL LAMP DATA	ST5A	
WATTS PER FOOT	4.8W	
COLOR TEMPERATURE	27D	30D
LUMENS PER FOOT (lm/ft)	606	631
LUMENS PER WATT (lm/w)	126	131
CRI	94+	94+



PROJECT	FIXTURE TYPE	DATE
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PRO WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS



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-cutable 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

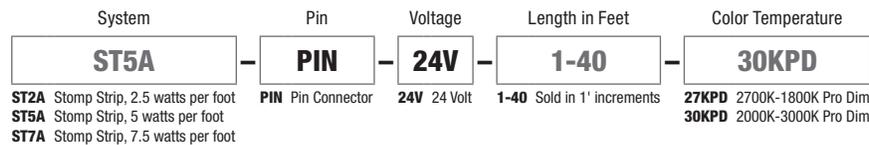
- [Home Integration Solutions](#)
- [Pro Dim Power Supplies & Controls](#)

*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+	



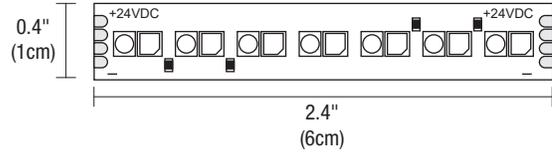
PROJECT		FIXTURE TYPE		DATE	
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STOMP STRIP, TUNABLE WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



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-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

- [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

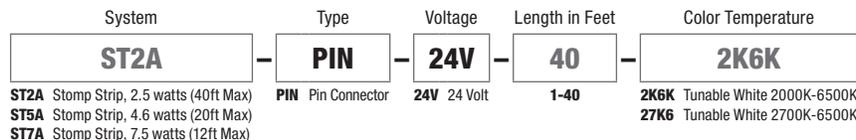
- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.6 watts per foot - 20'
- 7WDC, 7.5 watts per foot - 12'

APPROVALS

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

NOMINAL LAMP DATA	ST2A 2K6K										ST5A 2K6K										ST7A 2K6K									
	2.5 Watts										4.6 Watts										7.5 Watts									
WATTS PER FOOT																														
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+			

NOMINAL LAMP DATA	ST2A 27K6								ST5A 27K6								ST7A 2K6K							
	2.5 Watts								4.6 Watts								7.5 Watts							
WATTS PER FOOT																								
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+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+			



PROJECT		FIXTURE TYPE		DATE	
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SOFT STRIP, RGB

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



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-cutttable 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

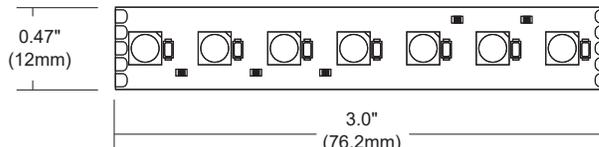
Designed for any Indoor space, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

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
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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-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

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

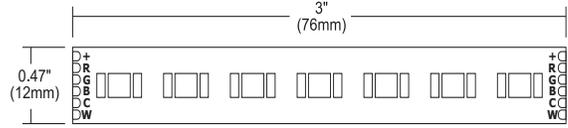
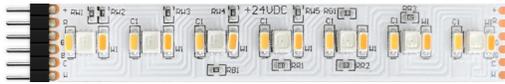
PROJECT		FIXTURE TYPE		DATE	
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TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

24VDC, 5 CHANNEL CONTROL, WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 12.02.24



DESCRIPTION

PureEdge Pure Smart **TruColor™** technology uses five channels of tunable LEDs, composed of **RGBTW** red, blue, green, and Tunable White (**1500K-6500K**). With our precision-engineered, proprietary color mixing, we produce one of the widest, most accurate spectrums available, giving our customers access to the warm glow of the sunset (1500K-2400K golden hour) to the pure white light of the mid-day sun (5700K) and everything in between. **TruColor™** LED's achieve an average CRI-Color Rendering Index of 94+ and a Duv of +-0.0021 in relation to the blackbody curve at any point on the spectrum of tunable white CCT. Dynamic Color Changing functionality provides millions of possibilities for intricate customization, rich saturated or secondary colors, and unprecedented ease of installation, making **RGBTW** the ideal choice for residential and commercial applications. **TruColor™ RGBTW** adds more than just decorative flexibility; it also helps to support a healthy Circadian Rhythm and well-being. Let **TruColor™** transform your space and the people within it. 24VDC Remote Power Supplies required.

FEATURES & BENEFITS

- State-of-the-Art **TruColor™** (1500K-6500K) spectrum offers dynamic effects with RGB and Tunable White
- Optimized for use with WiZ Pro wire control ecosystem and Pure Smart Wi-Fi Room Controller.
- Offered with pin connectors reducing time and labor during installation
- Dims from full brightness down to 5%, and tuned anywhere from 1500K to 6500K.
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering, CCT range, spectrum accuracy, or 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
- Three 1oz Layers of Copper Busbar 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
- Warranty: Includes a 5-year pro-rated warranty

LUMEN PERFORMANCE

- **TruColor™ RGBTW** Red, Green, and Blue with Tunable White (**1500K-6500K**)
- S5W5 360lm/ft 5W @3000K
- S5W7 526m/ft 7W @3000K

AVERAGE PERFORMANCE 2000K-5500K

- Average CRI: 94+
- Average DUV: +-0.002
- Average R9: 91, RG: 103, RF:93
- Average Life: 50,000 hours

SPECIFICATIONS

- 24VDC
- S5W5: 5W RGB & 5W Tunable White
- S5W7: 5W RGB & 7W Tunable White
- Sold in 1' increments
- Field-cutttable 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: 20ft
- S5W7 – Pure Smart™ WiZ Pro: 12ft

REMOTE POWER SUPPLIES, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Home Integration Solutions](#)
- [Pure Smart™ WiZ Pro Power Supplies](#)
- [Pure Smart™ Wi-Fi Controllers](#)

Features ON/OFF buttons, CCT and brightness control as well as four preset/custom scenes programmable in the WiZ app. Communicates via 2.4GHz Wi-Fi. No Hub needed. Voice control with Goggle Assistant, Alexa, Siri, Shortcuts, and IFTTT

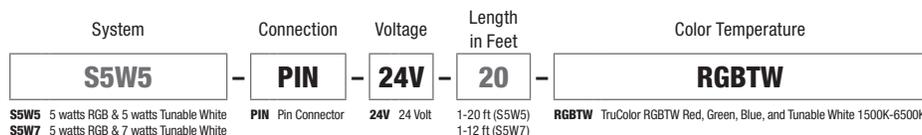
APPLICATIONS

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.

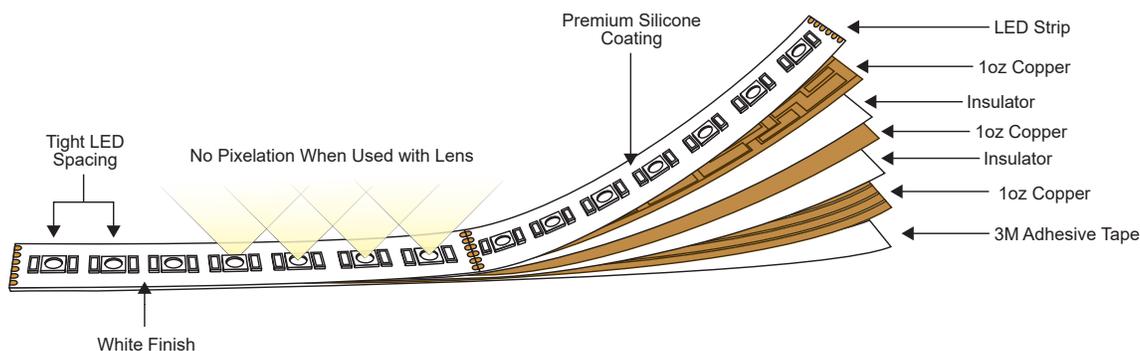
NOMINAL LAMP DATA	S5W5 5W RGB & 5W TUNABLE WHITE										S5W7 5W RGB & 7W TUNABLE WHITE							
	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
WATTS PER FOOT																		
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	171	256	311	349	360	380	410	288	265	211	352	452	513	526	554	543	319	289
LUMENS PER WATT (lm/w)	63	56	71	82	85	87	98	98	111	63	91	73	86	86	90	93	92	96
CRI	91+	93+	94+	94+	95+	96+	97+	92+	89+	93+	95+	96+	97+	97+	98+	97+	95+	92+
Duv	-0.004	-0.0012	-0.0034	-0.0058	-0.0055	-0.0033	-0.0014	-0.0049	-0.0063	-0.003	0.0002	0.003	0.003	0.003	0.0009	0	0.003	0.003
Rf	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	91
Rg	105	101	103	105	104	102	100	102	103	104	100	102	103	103	101	100	102	103
R9	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	67
R13	92	94	95	95	94	96	99	90	87	92	95	96	96	97	99	99	91	88
R15	99	99	99	98	97	97	97	89	85	99	99	99	99	99	98	97	90	85
WIZ PRO WATTS/FOOT	2.7	4.55	4.35	4.25	4.25	4.35	4.2	2.95	2.4	3.35	3.85	6.15	5.95	6.15	6.15	5.84	3.45	3



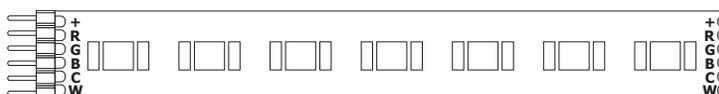
PROJECT		FIXTURE TYPE		DATE	
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TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

24VDC, 5 CHANNEL CONTROL



PIN CONNECTOR



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 PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 12.02.24



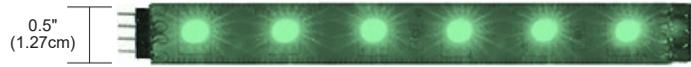
RRR - Red



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-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

- 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](#)

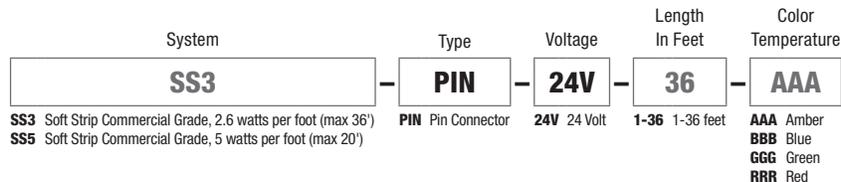
*In-Wall Mounting Kits available for select power supplies

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.



PROJECT	FIXTURE TYPE	DATE
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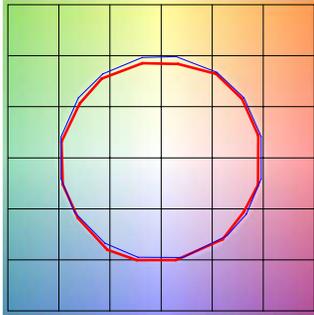
TM30 DATA

24VDC WITH PINS & SOLDERED LEADS

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

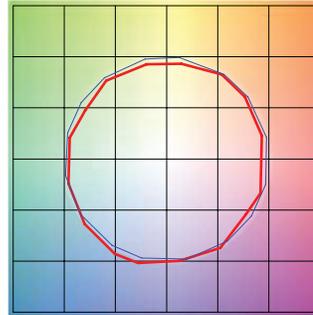


■ Test ■ Reference

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

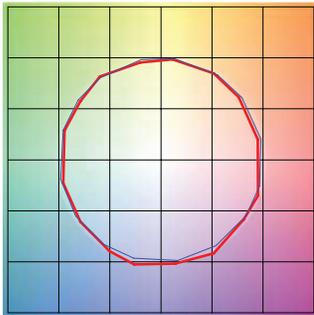


■ Test ■ Reference

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

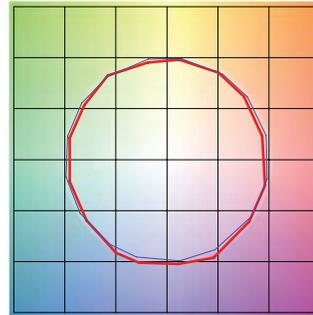


■ Test ■ Reference

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

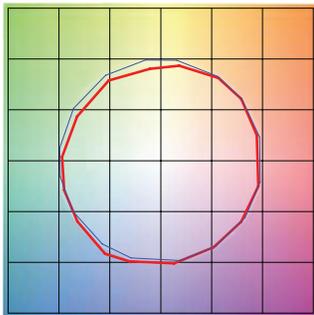


■ Test ■ Reference

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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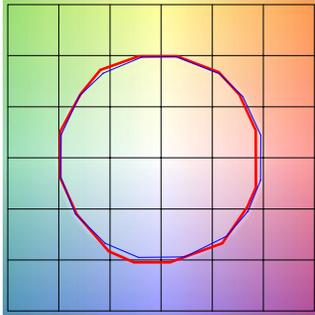
TM30 DATA

24VDC WITH PINS & SOLDERED LEADS

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

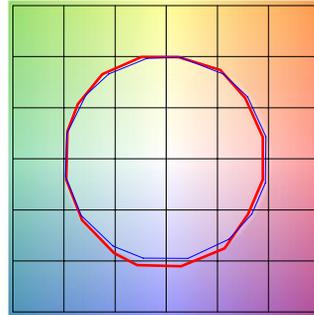


■ Test ■ Reference

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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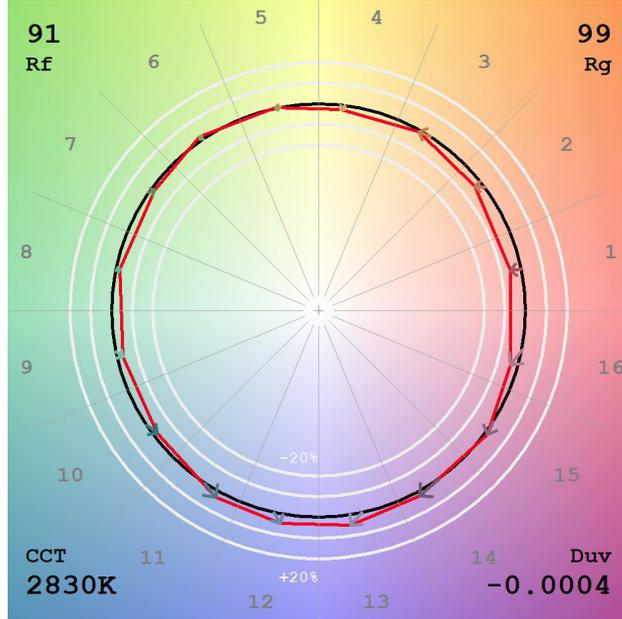
TM30 DATA

24VDC WITH PINS & SOLDERED LEADS

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.

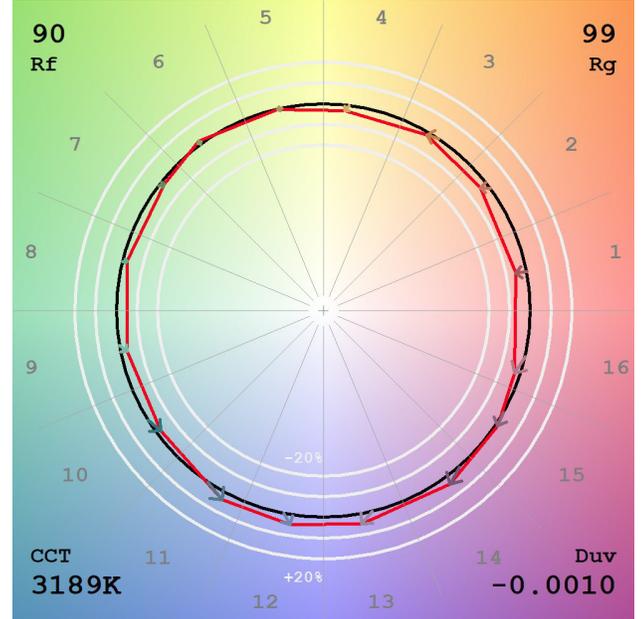
2000K ONLY (30KPD)

View Angle: 2 Deg



3000K ONLY (30KPD)

View Angle: 2 Deg



PROJECT		FIXTURE TYPE		DATE	
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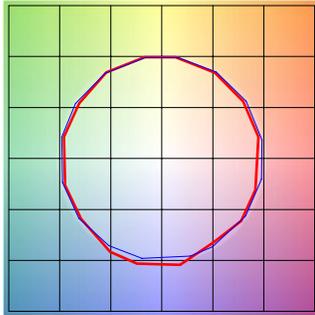
TM30 DATA

24VDC WITH PINS & SOLDERED LEADS

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

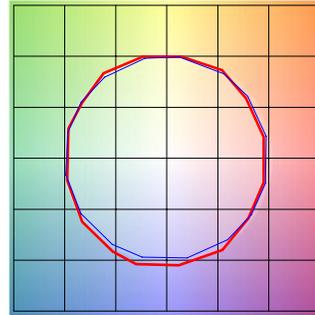


■ Test ■ Reference

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

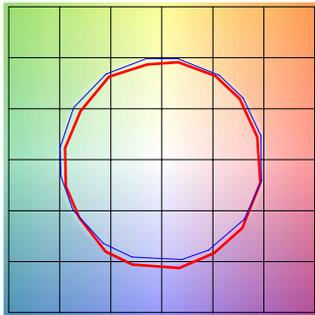


■ Test ■ Reference

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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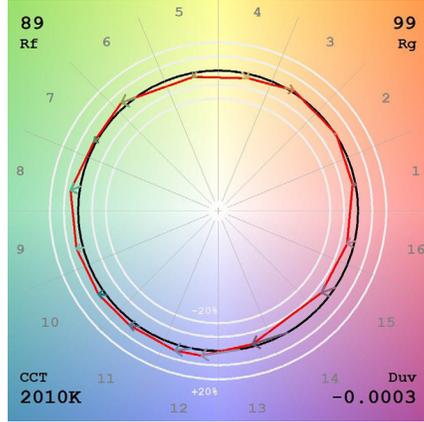
TM30 DATA

24VDC WITH PINS & SOLDERED LEADS

TM-30-15 DATA: The data below is for Pure Smart TruColor™ RGBTW Lamps.

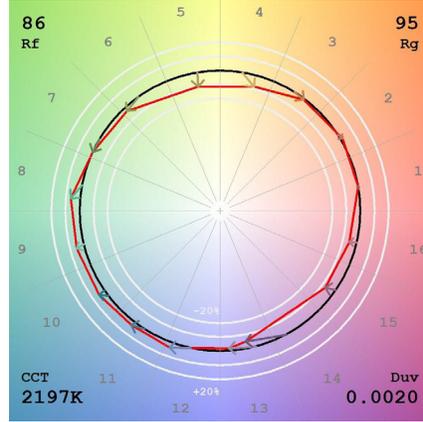
2000K (TruColor™ RGBTW)

View Angle: 2 Deg



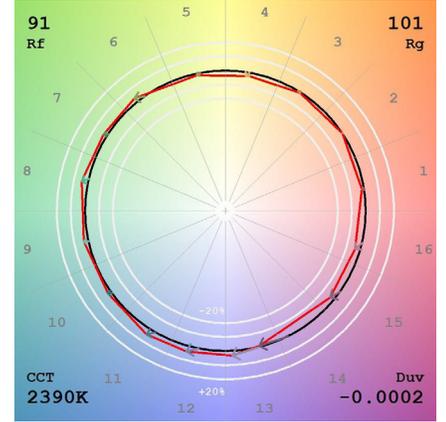
2200K (TruColor™ RGBTW)

View Angle: 2 Deg



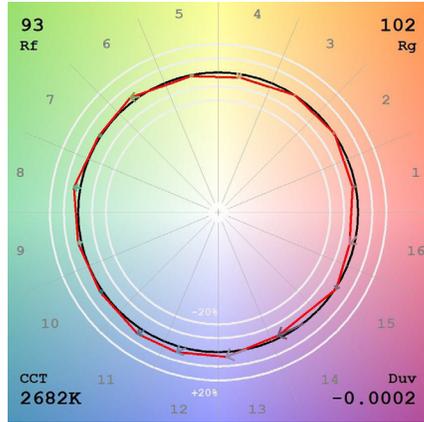
2400K (TruColor™ RGBTW)

View Angle: 2 Deg



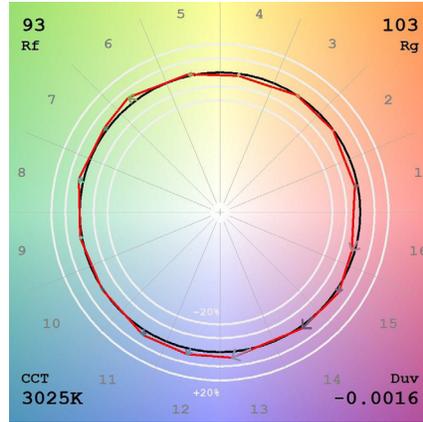
2700K (TruColor™ RGBTW)

View Angle: 2 Deg



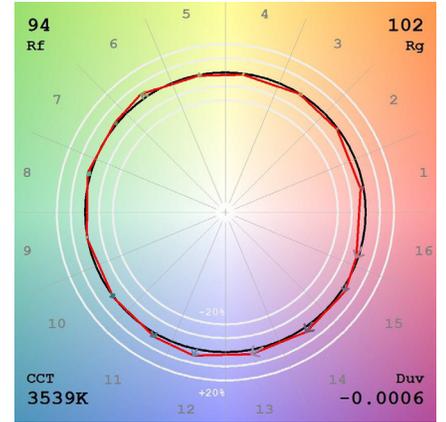
3000K (TruColor™ RGBTW)

View Angle: 2 Deg



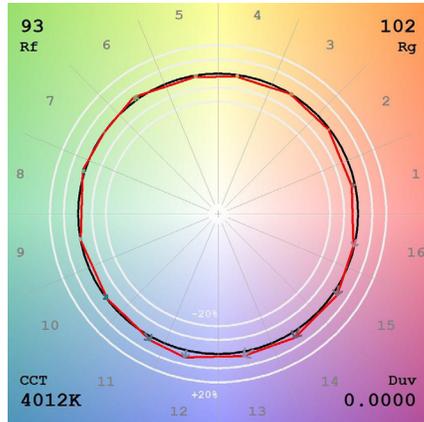
3500K (TruColor™ RGBTW)

View Angle: 2 Deg



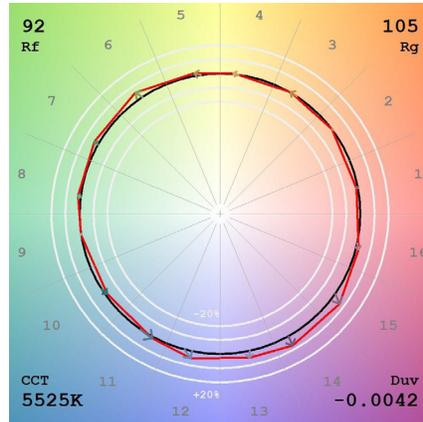
4000K (TruColor™ RGBTW)

View Angle: 2 Deg



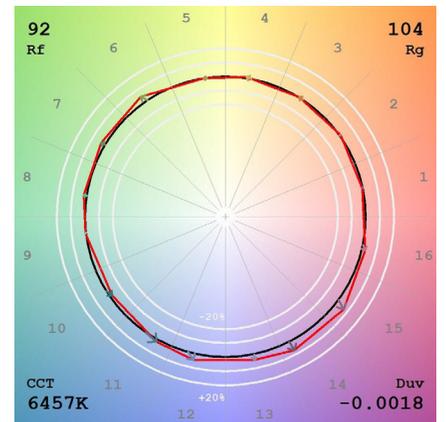
5700K (TruColor™ RGBTW)

View Angle: 2 Deg



6500K (TruColor™ RGBTW)

View Angle: 2 Deg



PROJECT		FIXTURE TYPE		DATE	
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