TRULINE 1.6A DIY

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PROJECT

FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26



Let the Drywall be Your Canvas

DESCRIPTION

PureEdge pioneered the TruLine 1.6A DIY (Do-It-Yourself) plaster-in, 24VDC LED system that recesses within 5/8" drywall, without any joist modification. Redefining the relationship between lighting and interior design, this innovative and highly efficient system blends seamlessly into the drywall, becoming part of the architecture. The TruLine 1.6A DIY system makes creating complex configurations simple by using pre-formed components, streamlining the installation process. The slim extrusions, LED strips, and lenses are field-cuttable, running as long as 40' before re-feeding. Multiple runs of channel mount flawlessly together providing smooth and glare-free general illumination using two strips of designer-grade color rendering LEDs (95+ CRI). With the ability to run in vertical, horizontal, and diagonal directions or wrap both inside and outside corners, the compositions are truly endless. TruLine 1.6A is offered in a broad range of wattages and color temperatures from 2400K through 4000K, Warm Dim (**27D** or **30D**), Pro Dim (27PD or 30PD), Tunable White (**2K6K** or **27K6**), Dynamic **RGB**, **RGB+White** in 2000K (special order in 27K, 30K and 40K), TruColor™ **RGBTW** Color Changing RGB with Tunable White 1500K-6500K, and **Digital DRGBTW 1500K-6500K**. Influenced by simplicity and elegance, the Truline 1.6A plaster-in system brings together a modern and dynamic appearance to residential and commercial environments, offering unlimited creativity, and empowering you to design one-of-a-kind, personalized spaces. Let the drywall be your canvas. Coordinate installation with electrical and drywall contractors. Includes a 5-year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

ORDERING

Order TWO LED Strip Lengths, per total section run Length. Remote Power Supplies are Required and Sold Separately, In-Wall Mounting Kits are available for select options. Channels are sold in 8' increments, field-cuttable to any length, the LED strips are ordered in 1' increments, and can be cut every 2", 2.4", 3", or 4" depending on the color temperature selection.

PRE-FORMED COMPONENTS

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

APPLICATIONS

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

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

LUMEN PERFORMANCE

- 2235 lm/ft at 3000K 14W per foot with the High Output strip
- Designer Grade High CRI 94+ LEDs
- Average life: 50,000 hours

LAMP

- High Output Static White: 27KH-40KH
- Static White Color Temperatures ranging from 2400K through 4000K
- Warm Dim: 27D and 30D dim down to 1800K, resembling halogen light sources
- Pro-Dim: 27KPD (dims down to 1800K) and 30KPD (dims down to 2000K), dims to off with Pro-Dim power supplies
- Tunable White: 2K6K and 27K6 grants independent control for adjusting color temperature and intensity
- Dynamic RGB & RGB+White in 2000K (RGB, RGB20K) (special order in 27K, 30K and 40K)
- TruColor™ RGBTW Dynamic RGB with Tunable White 1500K-6500K
- Digital DRGBTW 1500K-6500K

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

- 24VDC, Class 2 wiring
- *See LED Strips for correlating power supplies (pages 13-23)
- To determine the necessary wire gauge use our Voltage Drop Calculator.

DESIGN NOTE

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

PICTURE FRAME INSTALLATION DESIGN NOTE

Create 90° turns on a single surface with L-Picture Frame Channel Connectors (**TL1.6A-L**) and/or L-Picture Frame Power Channel Connectors (**TL1.6A-LP**). The LED Strips are installed on the side of the channel and bends within L-Shaped Channel Connectors to create continuous illumination on walls and ceilings.

ROOM WRAPPING DESIGN NOTE

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

COMPLIANCE

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

TRULINE 1.6A DIY

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

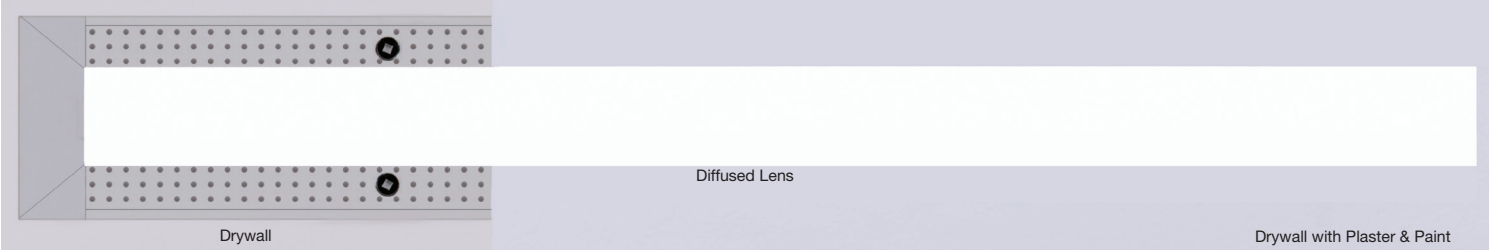
PURE EDGE Pure Smart Lighting

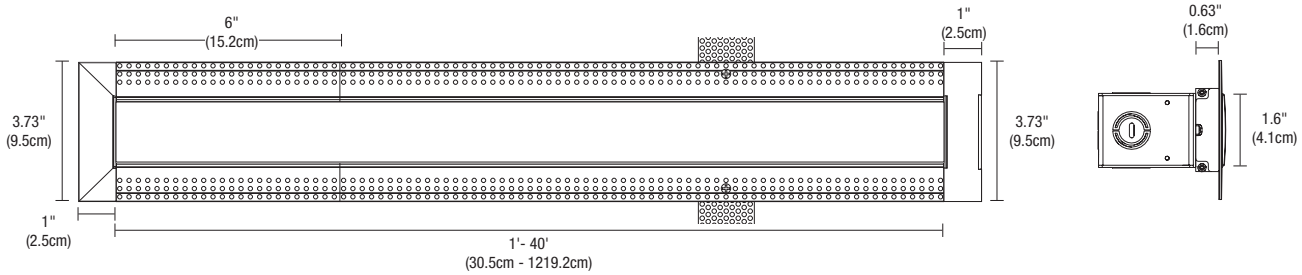
PROJECT

FIXTURE TYPE

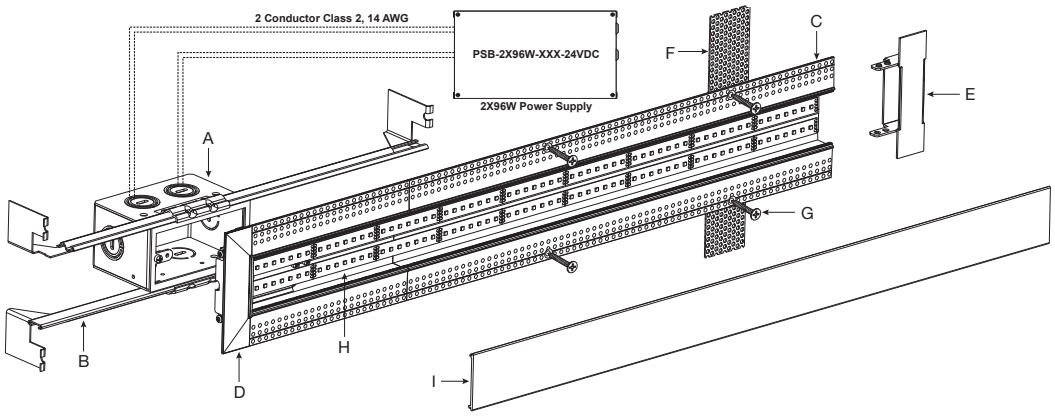
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TRADITIONAL DIMMING, 0-10V, DMX & DALI CONTROLLED COMPONENTS



A. JUNCTION BOX
Mounts behind drywall with Adjustable Mounting Bars. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is covered by channel. Required at the beginning of each run and necessary to rough-in electrical before TruLine installation.

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

C. TRULINE 1.6A CHANNEL
5/8" deep extrusion house for two rows of LED Strip.

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

E. TAKE-UP BOX
Prevents dark spots at the end of a run by tucking excess LED Strip safely behind wall.

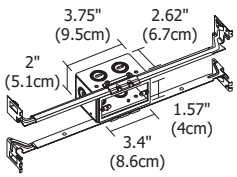
F. MOUNTING STRAP
Secures channel to drywall when wall stud is unavailable.

G. DRYWALL SCREW
Secures channel to drywall and stud.

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

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





TRADITIONAL DIMMING, 0-10V, DMX & DALI JUNCTION BOX ROUGH-IN COMPONENT (INCLUDED WITH TRADITIONAL DIMMING, DMX & DALI POWER FEEDS)
One Junction Box is included with TruLine Power Feeds. Includes adjustable bar hangers. Quick shipment available for rough-in or replacement.

System		Size		Component
TL1.6A	–	1RE	–	JBOX
TL1.6A TruLine 1.6A		**1RE** 1" Rectangle End Feed **1RC** 1" Rectangle Center Feed **1LP** 1" Rectangle L Feed		**JBOX** Junction Box

TRULINE 1.6A DIY

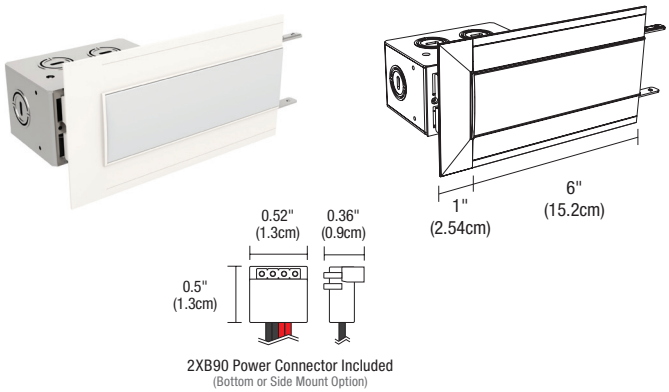
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2XB90 Power Connector Included
(Bottom or Side Mount Option)

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

Allows 24VDC power to be fed from either end of the channel. The LED Strips (not included) can be installed flat or on the side of the channel. Includes Lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, and two 90° Power Connectors.

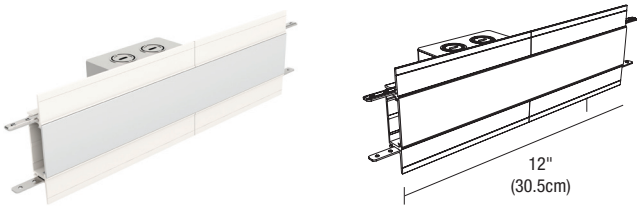
System		Component		Options
TL1.6A	–	**EP**	–	

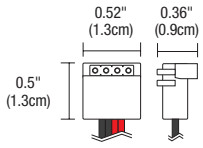
TL1.6A TruLine 1.6A

EP End Feed Power Channel Connector

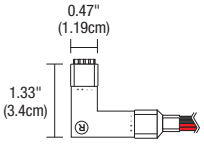
RGBW Red, Green, Blue, and White
TC TruColor™ RGBTW Red, Green, Blue & Tunable White

*Leave blank for all other color temperatures





2XB90 Power Connector Included
(Bottom Mount Option)



L-Power Connector Included
(Side Mount Option)

TRADITIONAL DIMMING, 0-10V, DMX & DALI CENTER FEED/DUAL POWER CHANNEL CONNECTOR

Allows 24VDC power to be fed from the center of the channel in one or both directions. LED Strips (not included) may be installed flat or on the side of the channel. Includes Lens, Channel Joiners, Junction Box, Adjustable Mounting Bars, four 90° Power Connectors, as well as Left and Right Power Connectors. Can be wired as a single or dual power feed.

System		Component		Options
TL1.6A	–	**CFP**	–	

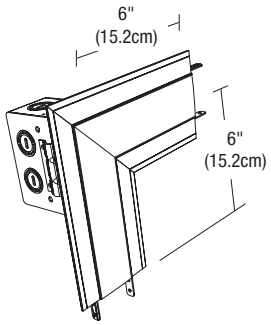
TL1.6A TruLine 1.6A

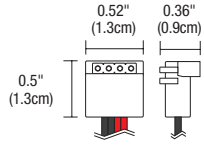
CFP Center Feed Power Channel Connector

RGBW Red, Green, Blue, and White
TC TruColor™ RGBTW Red, Green, Blue & Tunable White

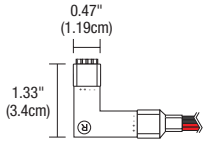
*Leave blank for all other color temperatures







2XB90 Power Connector Included
(Bottom Mount Option)



L-Power Connector Included
(Side Mount Option)

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

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

System		Component		Options
TL1.6A	–	**LP**	–	

TL1.6A TruLine 1.6A

LP L-Picture Frame Power Channel Connector
LP2 L-Picture Frame Dual Feed Power Channel Connector

RGBW Red, Green, Blue, and White
TC TruColor™ RGBTW Red, Green, Blue & Tunable White

*Leave blank for all other color temperatures

TRULINE 1.6A DIY

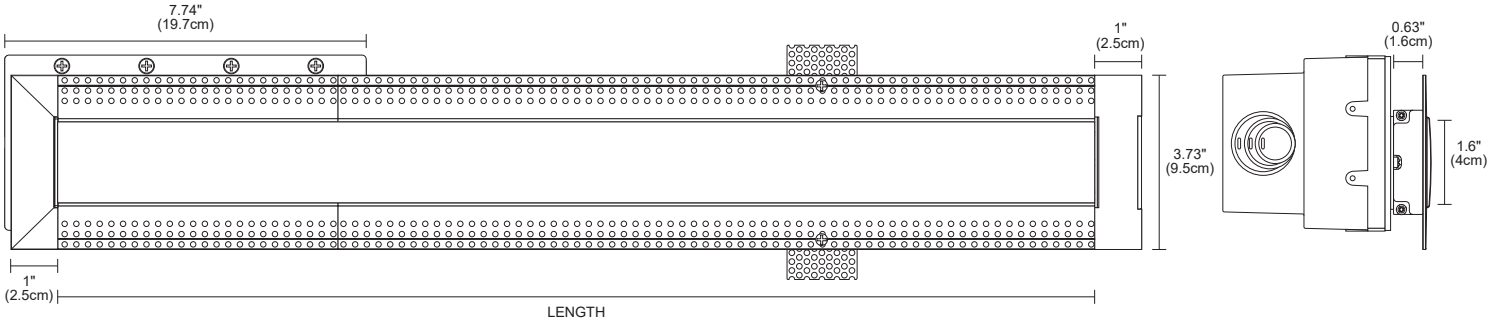
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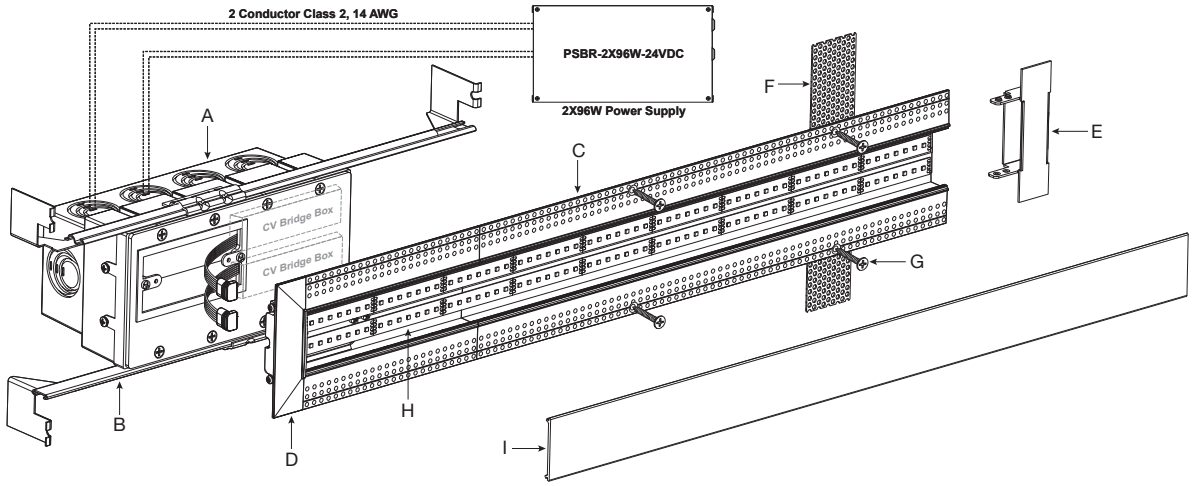
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PURE SMART WIZ PRO CONTROLLED COMPONENTS



A. JUNCTION BOX
Mounts behind drywall with Adjustable Mounting Bars. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is covered by channel Includes 2 Pure Smart WiZ Pro CV Bridgeboxes per power feed.. Required at the beginning of each run and necessary to rough-in electrical before TruLine 1.6A installation.

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

C. TRULINE 1.6A CHANNEL
5/8" deep extrusion house for two rows of LED Strip.

D. POWER END CAP
Provides a finished look and prevents light leak at feed-end of runs where the LED strips enter the channel.

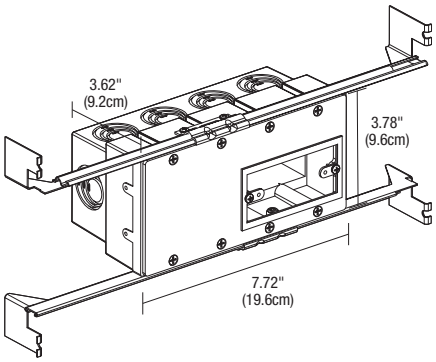
E. TAKE-UP BOX
Prevents dark spots at the end of a run by tucking excess LED Strip safely behind wall.

F. MOUNTING STRAP
Secures channel to drywall when wall stud is unavailable.

G. DRYWALL SCREW
Secures channel to drywall and stud.

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

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



4 GANG JUNCTION BOX WITH MOUNTING PLATE (INCLUDED WITH PURE SMART POWER FEED ORDERING CODE)
Includes a 4 gang Junction Box with adjustable bar hangers and mounting plate for the Truline 1.6A Channel. Four Class 2, 14 AWG stranded conductors from remote located power supply are required per WiZ Pro CV Bridgebox used. Junction Box can be quick shipped for rough-in.

System		Type
TL.61A	–	1RE4G

TL1.6A TruLine 1.6A

1RE4G 1" Rectangle End Feed*
1RC4G 1" Rectangle Center Feed*
1LP4G 1" Rectangle L Feed*
* With 4 Gang Junction Box

TRULINE 1.6A DIY

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

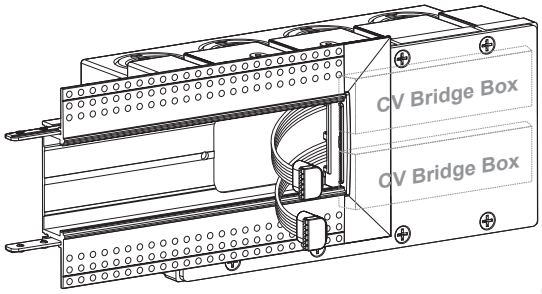
PURE EDGE Pure Smart Lighting

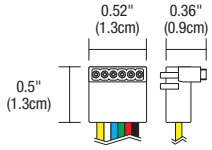
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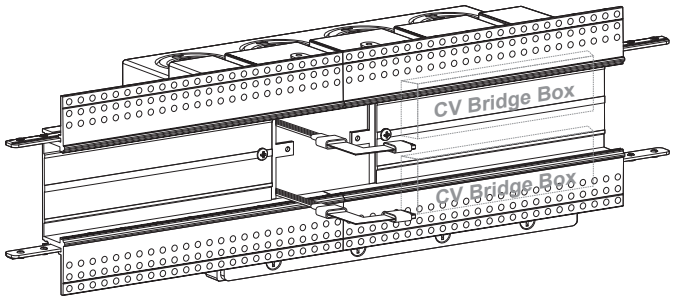
Two 2XB90 Connectors Included

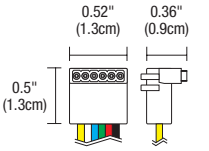
PURE SMART END FEED POWER CONNECTOR WITH WIZ PRO CV BRIDGEBOX & JUNCTION BOX

Includes 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) may be installed flat on the bottom or side of the channel. Two Class 2, 14AWG stranded conductors from the Remote Power Supply up to 40 ft away are required.

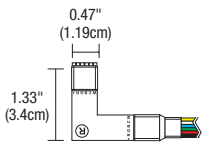
System	Component	Control	Ceiling/Wall Type	Color Temperature Options
TL1.6A	**EP**	**WZ**	**JB4G**	**TW**

- **TL1.6A** TruLine 1.6A
- **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





2XB90 Connector Included
(Bottom Mount Option)



L-Power Connector Included
(Side Mount Option Shown)

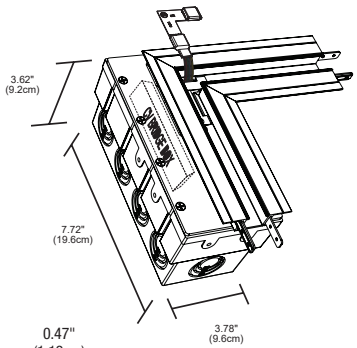
PURE SMART CENTER FEED POWER CONNECTOR WITH WIZ PRO CV BRIDGEBOX & JUNCTION BOX

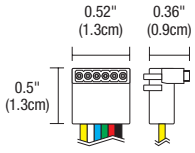
Includes WiZ Pro CV Bridgebox in a 4-gang Junction Box with Adjustable Hanger Bars, Channel Joiners, two 90° Power Connectors, as well as Left and Right Power Connectors. LED Strip (not included) may be installed flat on the bottom or side of the channel. Two Class 2, 14 AWG stranded conductors from the Remote Power Supply are required per WiZ Pro CV Bridgebox.

System	Component	Control	Ceiling/Wall Type	Color Temperature Options
TL1.6A	**CFP1**	**WZ**	**JB4G**	**TW**

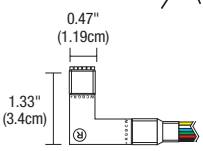
- **TL1.6A** TruLine 1.6A
- **CFP1** Center Feed Power Connector and CV Bridgebox
- **CFP2** Center Feed with 2 Power Connectors and CV Bridgeboxes
- **WZ** WiZ Pro Smart System
- **JB4G** 4 Gang Junction Box
- **DW** Static White or Warm Dim
- **TW** Tunable White
- **TC5W5** TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White
- **TC5W7** TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White







2XB90 Connector Included
(Bottom Mount Option)



L-Power Connector Included
(Side Mount Option Shown)

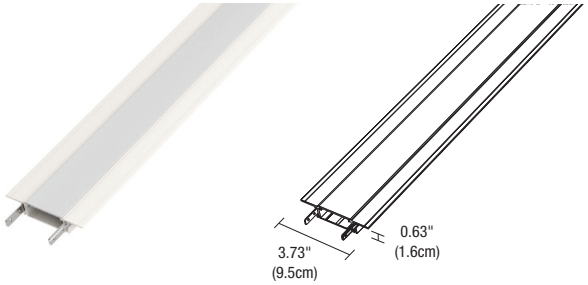
PURE SMART L POWER FEED CHANNEL CONNECTOR WITH WIZ PRO CV BRIDGEBOX AND JUNCTION BOX

Includes WiZ Pro CV Bridgebox in a 4-Gang Junction Box, Lens, Channel Joiners, Adjustable Mounting Bars, two 90° Power Connectors, as well as Left and Right Power Connectors. Allows 24VDC power to be fed from corners for 90° turns (with power) in Picture Frame installations either in one or both directions. LED Strip (not included) installs on the side of the channel to create continuous illumination on a wall or ceiling.

System	Component	Control	Ceiling/Wall Type	Options
TL1.6A	**LP1**	**WZ**	**JB4G**	**TW**

- **TL1.6A** TruLine 1.6A
- **LP1** L Power Channel Connector and CV Bridgebox
- **LP2** Dual L Power Channel Connector with 2 WiZ CV Bridgeboxes
- **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

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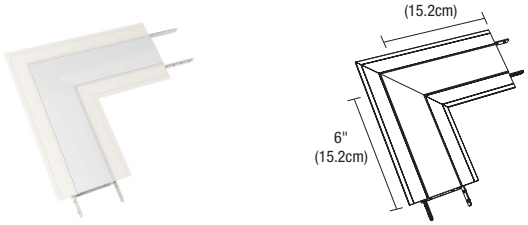


8' CHANNEL & LENS

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

System		Component		Size
TL1.6A	–	CHLN	–	8FT

TL1.6A TruLine 1.6A **CHLN** Channel and Lens **8FT** 8'

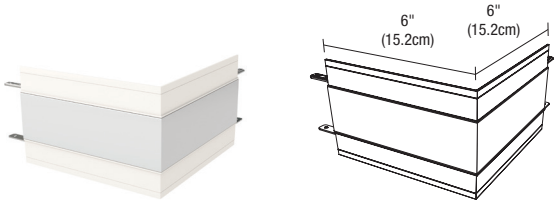


L-PICTURE FRAME CHANNEL CONNECTOR

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

System		Component
TL1.6A	–	L

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

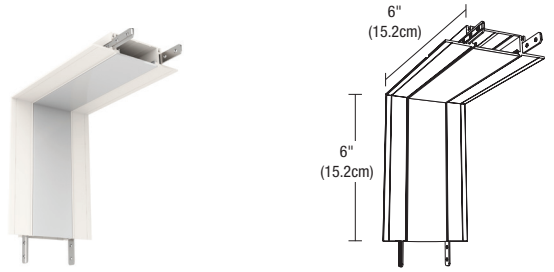


OUTSIDE CORNER CHANNEL CONNECTOR

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

System		Component
TL1.6A	–	OC

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

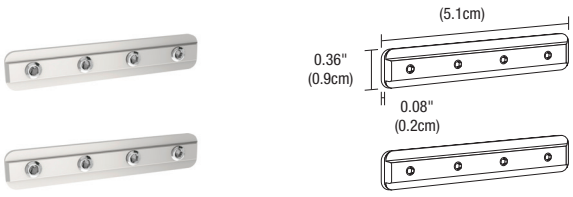


INSIDE CORNER CHANNEL CONNECTOR

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

System		Component
TL1.6A	–	IC

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



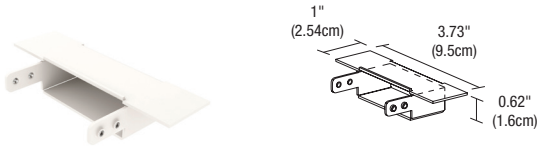
CHANNEL JOINERS

Included with Straight Channel, Channel Connectors, Power Feeds and Take-Up Box. Channel Joiners ship as a pair to connect two channels together. Additional channel joiners may be necessary based on lighting design.

Product		Component
CRC	–	SJ

CRC Connector Recessed Channel **SJ** Straight Joiner

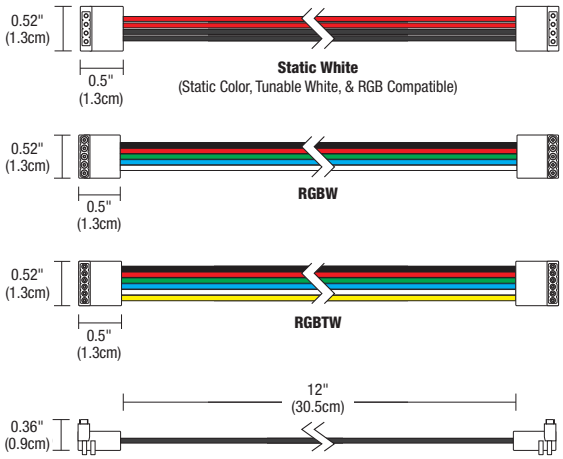
ADDITIONAL COMPONENTS



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

System	Component
TL1.6A	TBOX

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

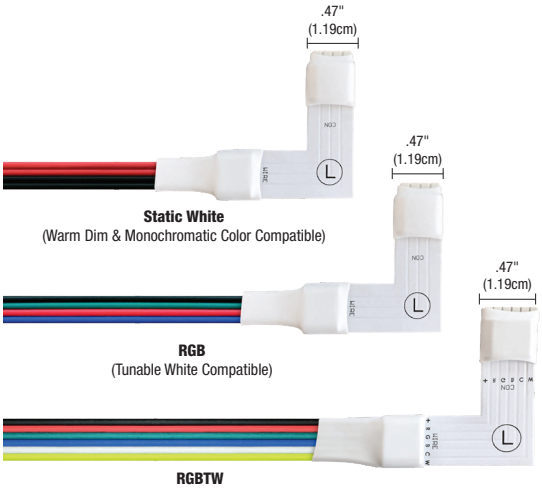


B90 CONNECTORS
Dual ended 90° connector. Included with end power component, the ordering code below is to be used for replacement purposes only.

System	Type	Color Temperature Options
SS	2XB90	

SS Soft Strip
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



POWER FEED/FLEXIBLE CONNECTOR
Included with Center Feed components. Part numbers listed below to be ordered for replacement only. For use with Static White, Warm Dim, Tunable White, RGB, RGBW, and RGBTW. Flexible Power 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 L connector Bendable 90° Left
LBR L connector Bendable 90° Right
6IN 6 inches
DW Static White, Warm Dim
RGB Red, Green, & Blue or Tunable White
RGBW Red, Green, Blue and White
RGBTW Red, Green, Blue, and Tunable White

TRULINE 1.6A DIY

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

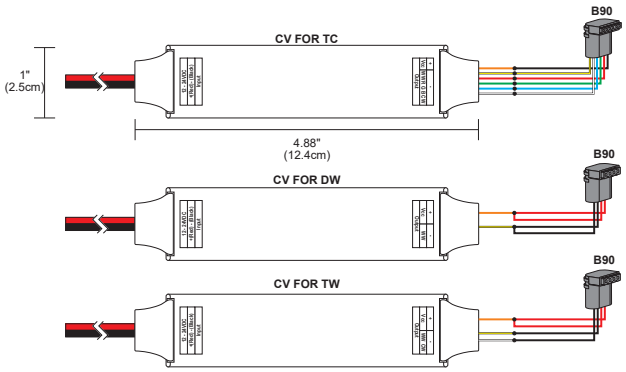
PURE EDGE Pure Smart Lighting

PROJECT

FIXTURE TYPE

DATE

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PURE SMART/WIZ PRO CV BRIDGEBOX

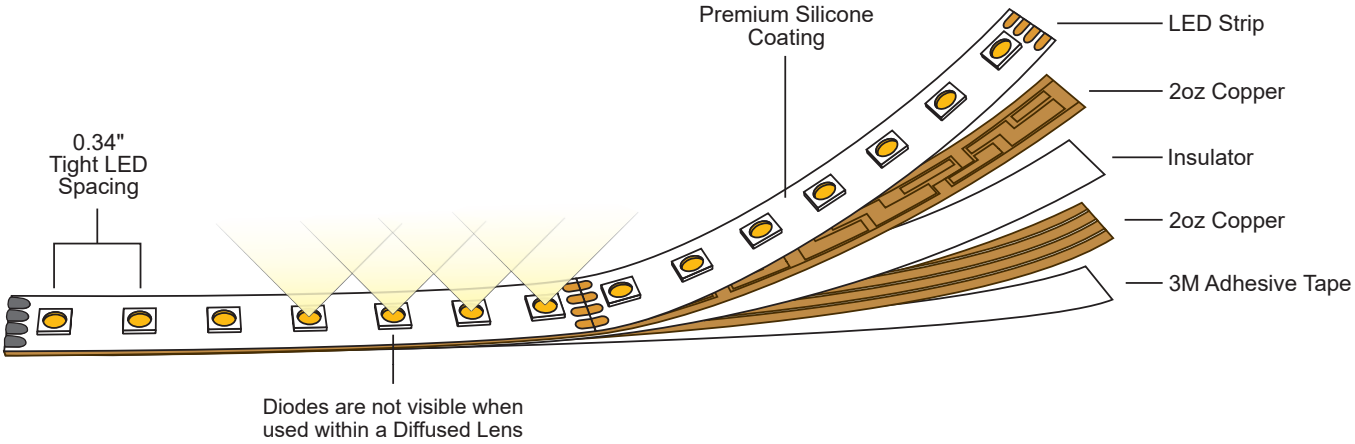
WiZ Pro CV Bridgeboxes are included with all Pure Smart WiZ Pro connected power feeds and allow for integration into WiZ Pro wireless control ecosystem. The part numbers below are to be used for replacement only. Pure Smart/WiZ Pro CV Bridgeboxes are pre-programmed with Pure Smart app icons, and proprietary color mixing for tunable white and RGBTW.

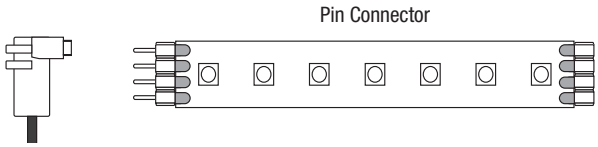
Type	Type	Control	Color Temperature	System
BRBOX	**LBL**	**CV96W**	**TC5W5**	**RL**
BRBOX Bridgebox	**B90** 90˚ Connector **LBL** Flexible 90˚ L Connector Left **LBR** Flexible 90˚ L Connector **LBRL** Right Flexible 90˚ L Connector Left & Right	**CV96W** Slim Profile WiZ Bridgebox	**DW** Static White **TW** Tunable White **TC5W5** TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White **TC5W7** TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White	**RL** Recessed Linear

TRULINE 1.6A DIY

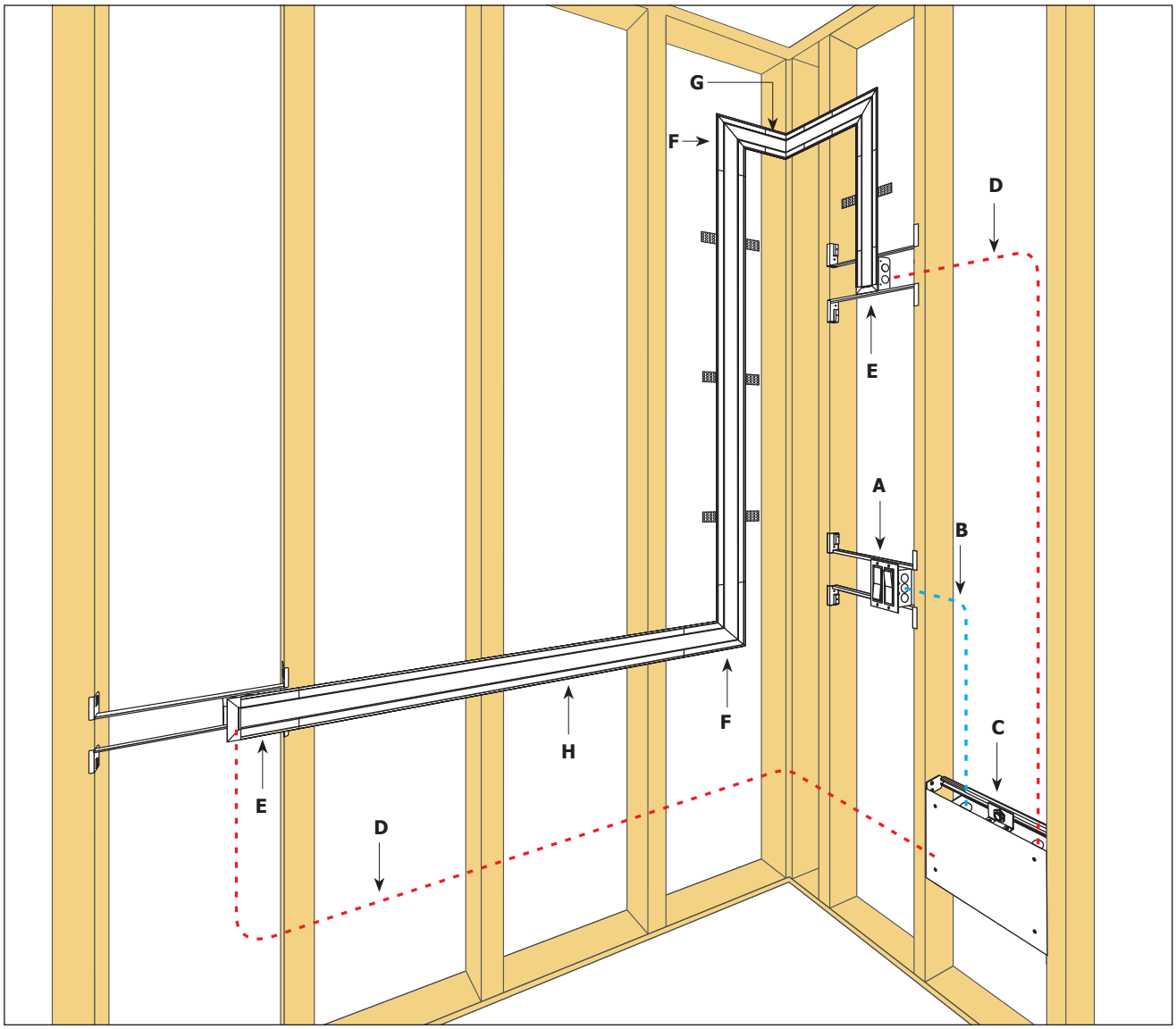
DO-IT-YOURSELF PLASTER-IN LED SYSTEM

REV 11.04.26





PICTURE FRAME INSTALLATION



A. DIMMER OR SWITCH

B. 120VAC WIRING

C. 120V/24VDC REMOTE POWER SUPPLY WITH IN-WALL MOUNTING KIT, FOR MORE REMOTE POWER SUPPLIES

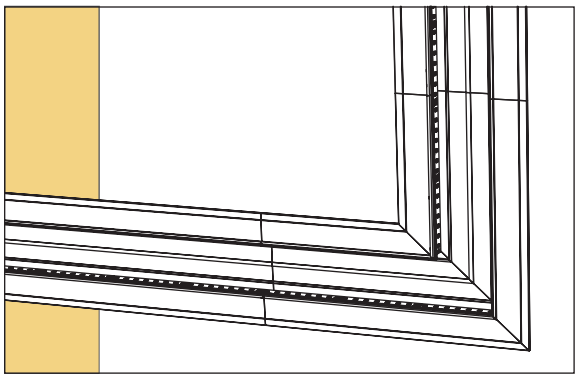
D. 24VDC, CLASS 2 WIRING

E. END FEED POWER CHANNEL CONNECTOR WITH JUNCTION BOX

F. L-PICTURE FRAME CHANNEL CONNECTOR

G. INSIDE CORNER CHANNEL CONNECTOR

H. TruLine CHANNEL, LENS & LED STRIPS



LEDs on the sides of the Channel for L-Turn

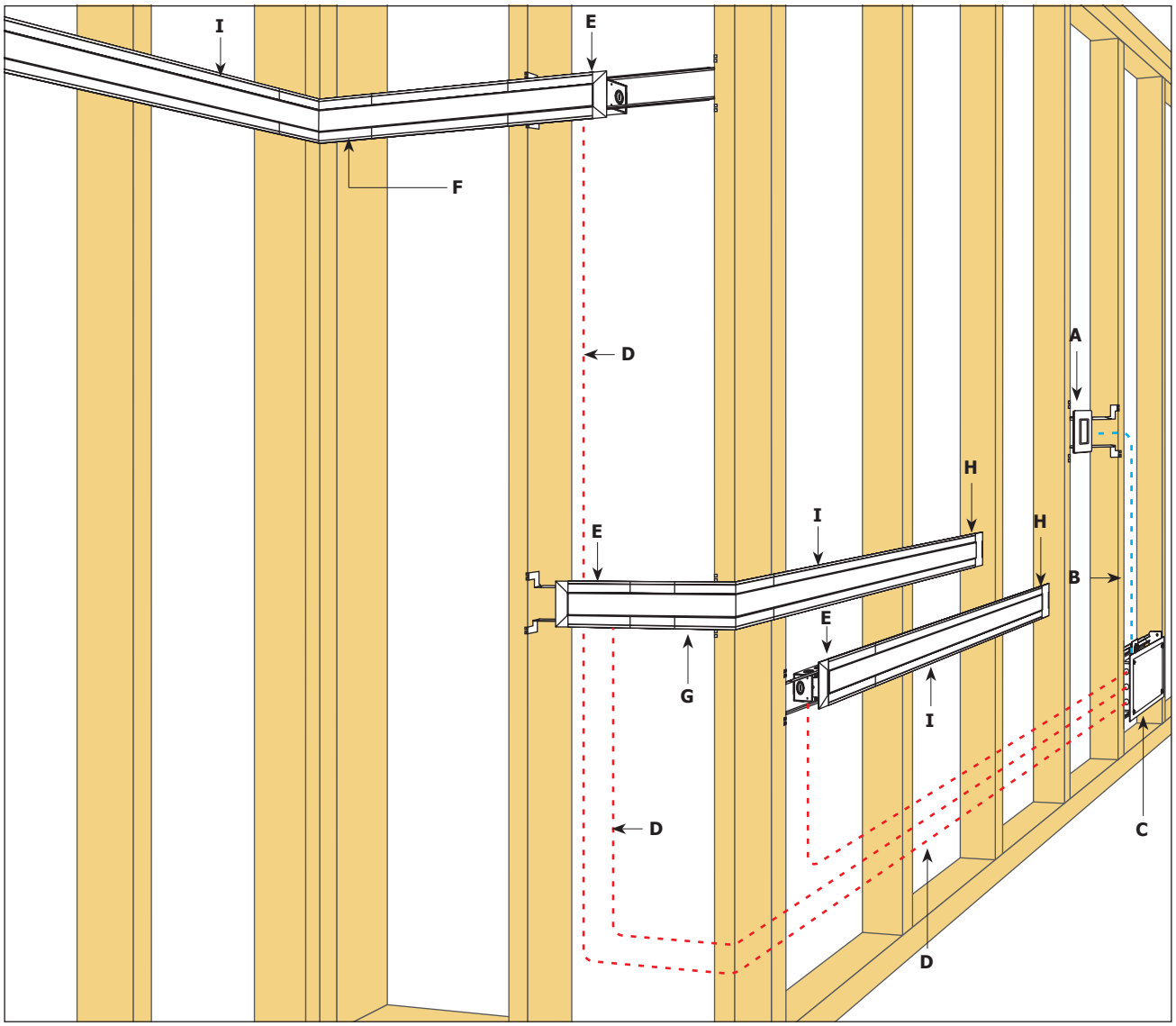
PureEdge Lighting reserves the right to modify this specification without prior notice

TRULINE 1.6A DIY

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

REV 11.04.26

ROOM WRAPPING INSTALLATION



A. DIMMER OR SWITCH

B. 120VAC WIRING

C. 120V/24VDC REMOTE POWER SUPPLY WITH IN-WALL MOUNTING KIT, FOR MORE REMOTE POWER SUPPLIES

D. 24VDC, CLASS 2 WIRING

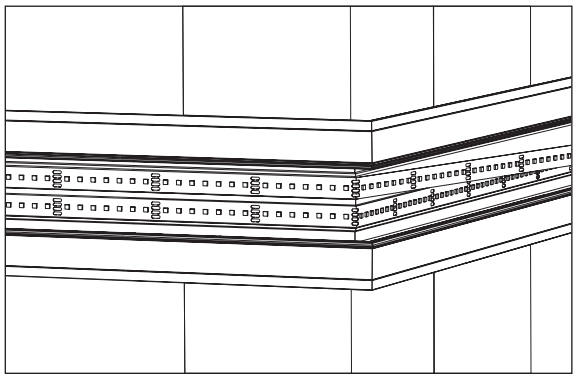
E. END FEED POWER CHANNEL CONNECTOR WITH JUNCTION BOX

F. INSIDE CORNER CHANNEL CONNECTOR

G. OUTSIDE CORNER CHANNEL CONNECTOR

H. TAKE-UP BOX

I. TruLine CHANNEL, LENS, & LED STRIPS



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

TRULINE 1.6A DIY

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PURE EDGE Pure Smart Lighting

PROJECT

FIXTURE TYPE

DATE

REV 11.04.26

NOMINAL DELIVERED LUMENS

	HIGH EFFICIENCY STATIC WHITE																	
WATTS PER FOOT	5W (2 x 2.8W)						10W (2 x 6W)						14W (2 x 8.3W)					
COLOR TEMPERATURE	27KH	30KH	30DH	35KH	35DH	40KH	27KH	30KH	30DH	35KH	35DH	40KH	27KH	30KH	30DH	35KH	35DH	40KH
LUMENS PER FOOT (lm/ft)	790	814	437	837	462	803	1611	1629	772	1770	834	1661	2155	2235	1141	2408	1263	2297
LUMENS PER WATT (lm/w)	138	143	77	149	80	147	133	137	69	147	74	143	129	133	71	145	77	140
CRI	95+	94+	95+	93+	96+	93+	95+	94+	96+	93+	96+	93+	95+	94+	96+	93+	96+	93+

	STATIC WHITE & WARM DIM																
WATTS PER FOOT	5W (2 x 2.5W)					10W (2 x 4.4W (*4.8W Warm Dim))							14W (2 x 7.5W)				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	456	461	480	551	581	843	852	972	887	1012	1018	1073	1301	1315	1370	1572	1572
LUMENS PER WATT (lm/w)	46	46	48	55	58	48	48	51	50	53	58	61	45	45	47	54	54
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)

	TUNABLE WHITE 2K6K (2000K-6500K)																								
WATTS PER FOOT	5W (2 x 2 watts)									10W (2 x 4.8 watts)										14W (2 x 7.5 watts)									
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	249	253	256	260	263	270	295	318	340	604	628	653	677	702	751	805	813	820	840	879	918	958	997	1076	1133	1145	1156
LUMENS PER WATT (lm/w)	67	63	64	65	66	68	74	79	95	66	65	68	71	73	78	84	85	89	66	61	64	67	69	75	79	79	90
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+

	TUNABLE WHITE 27K6 (2700K-6500K)																								
WATTS PER FOOT	5W (2 x 2.5 watts)									10W (2 x 4.6 watts)										14W (2 x 7.3 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)	264	313	322	330	361	389	370	659	674	699	724	716	710	708	889	910	944	978	967	959	956				
LUMENS PER WATT (lm/w)	71	78	80	83	90	97	100	82	73	76	79	78	77	89	69	63	66	68	67	67	75				
CRI	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+				

	RGBTW TRUCOLOR™																	
WATTS PER FOOT	10W (2X5 Watts) Tunable White									14W (2X7 Watts) Tunable White								
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)	274	411	499	559	578	610	658	462	426	338	564	724	822	843	888	870	511	463
LUMENS PER WATT (lm/w)	25	23	29	33	34	35	39	39	39	25	37	29	35	34	36	37	37	36
CRI	92+	94+	95+	95+	96+	97+	97+	92+	90+	93+	95+	96+	97+	97+	98+	97+	95+	93+
Duv	-0.004	-0.0012	-0.0034	-0.0058	-0.0055	-0.0033	-0.0014	-0.0049	-0.0063	-0.0030	0.0002	0.0030	0.0030	0.0030	0.0009	0.0000	0.0030	0.0030
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
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

	DIGITAL SOFT STRIP																	
NOMINAL WATTS PER FOOT	10W									14W								
WATTS PER FOOT	2XS5W5									2XS5W7								
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)	301	363	378	458	592	617	445	451	465	343	514	561	691	818	821	601	640	667
LUMENS PER WATT (lm/w)	37	44	48	54	60	63	59	60	59	38	45	49	55	59	62	59	61	75
CRI	92	94	95	95	96	97	97	92	90	93	95	96	97	97	98	97	95	91
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	0.0026
Rf	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	94
Rg	105	101	103	105	104	102	100	102	103	104	100	102	103	103	101	100	102	89
R9	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	98
R13	92	94	95	95	94	96	99	90	87	92	95	96	96	97	99	99	91	92
R15	99	99	99	98	97	97	97	89	85	99	99	99	99	99	98	97	90	91
WATTS/FOOT	8.04	8.30	7.93	8.48	9.80	9.78	7.58	7.46	7.89	9.14	11.50	11.45	12.58	13.81	13.29	10.22	10.40	11.16

DMX

DIGITAL SOFT STRIP, RGB + TUNABLE WHITE

24VDC WITH PINS AND LEADS

PURE EDGE Pure Smart Lighting

PROJECT

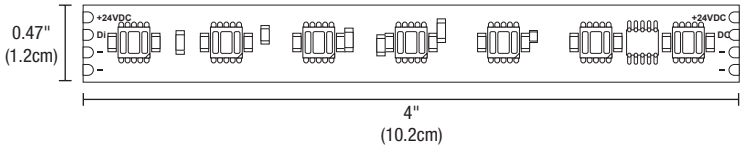
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DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26





DESCRIPTION

PureEdge's RGB+Tunable White White provides dynamic color effects with red, green, blue plus two white color temperatures. 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' increments up to 20' with cutting increments every 4". RGB+Tunable White can be controlled using a compatible 24 volt DC power supply and is easily integrated into a variety of systems using the PureEdge Orchestrator (PSB-DRGBTW-INT). Includes 5 year pro-rated warranty. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

FEATURES AND BENEFITS

- Intelligent reverse connect protection, the power supply reverse connection does not damage the IC
- The control circuit and the LED share the only power source
- Integration with both DMX and WiZ (Pure Smart Wall Controllers) allowing for multiple control methods
- Individual control of segments or grouping segments, allowing multiple DMX channels per run
- Built-in electric reset circuit and power lost reset circuit
- Each pixel of the three primary color can achieve 256 brightness display, completed 16777216 color full color display
- TruColor support, allowing for 15K-65K
- Can change up to 120 times per second, allowing for more detailed effects
- Custom effect palette allowing for curated designs

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 3, 5, or 7 watts per foot
- Maximum Length Before Re-feeding: 20' for 3W, 20' for 5W, 12' for 7W
- Sold in 1' increments
- Field-cuttable in 4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

LAMP

- RGB+TW: Dynamic Red, Green, Blue plus 1500K & 6500K Tunable White
- 50,000 Hour Lamp Life

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

24VDC, Class 2 wiring

- PSB-DRGBTW-INT
- PSB-100W-DRGBTW-24VDC
- Color Touch Panel
- Pure Smart Room Controller

ACCESSORIES (SOLD SEPARATELY)

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

MOUNTING

Self-adhering Soft Strip mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require a U-Strap **SS-SU** or a Tie Strap **SS-ST** (sold separately).

APPLICATIONS

Designed for any Indoor space, including Damp locations. Ideal applications include residential, commercial, retail, and hospitality environments.

APPROVALS

Damp Location, Class 2 wiring, ETL Listed

System		Type		Voltage	Length in Feet*		Color Temperature
SS5	–	PIN	–	24V	20	–	DRGBTW

SS3 Digital Soft Strip 3 watts per foot
SS5 Digital Soft Strip 5 watts per foot
SS7 Digital Soft Strip 7 watts per foot

PIN 4 Pin Connection
SE1 Soldered Leads on one end
SE2 Soldered Leads on both ends

24V 24 Volt

1-20 Sold in 1 ft increments

*20ft maximum for **SS3** and **SS5**, 12ft maximum for **SS7**

DRGBTW TruColor™ RGBTW, Red, Blue, Green & Tunable 1500K-6500K

HIGH OUTPUT STRIP, STATIC WHITE

24VDC WITH PINS & SOLDERED LEADS

PURE EDGE™ Pure Smart Lighting

PROJECT

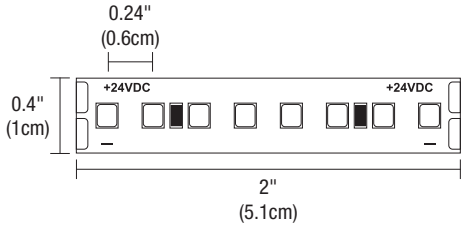
FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26





High Lumen Output with Unmatched Color Quality

Our Low Voltage LED strips are engineered for powerful illumination, delivering up to over 1394 lumens per foot while sustaining efficacy above 166 lumens per watt. With 92+ CRI values across the entire range, these strips provide true-to-life color rendering and industry-best consistency through single-binned LEDs.

Designed for demanding applications, our high-output strips are highly durable and serve as the backbone of our DIY (Do-it-Yourself) fixtures and systems. Available in multiple wattages, these compact, high-performance strips deliver smooth, pixel-free illumination in all PureEdge channels and extrusions when paired with a frosted lens.

FEATURES & BENEFITS

- Available with pre-soldered leads to simplify installation and cut down on labor.
- Engineered to deliver high performance in demanding applications without compromising output, color quality, or efficacy.
- Built with job-site toughness in mind, resisting wear and damage in busy commercial environments.
- Tight LED spacing ensures consistent light distribution with no visible diodes or hot-spots when paired with a diffused lens.
- 4oz copper bus bar layer provides excellent heat dissipation and minimizes voltage drop, equivalent to 14AWG wire.
- Premium optically clear silicone coating preserves brightness and prevents yellowing over time.
- Backed with industrial-grade 3M adhesive for secure mounting to smooth, finished surfaces.
- Rated for use in indoor damp environments.
- Protected with a 5-year pro-rated warranty.

SPECIFICATIONS

- 24VDC
- 2, 5, or 7 watts per foot
- Sold in 1' increments
- Field-cuttable in 2" increments
- Operating ambient temperature: -22°F to 140°F (-30°C to 60°C)

LAMP

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

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

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Controls
- 2-in-1 Power Driver And Dimmer **(ELV)**
- UNI Driver: Universal Dimming (**TRIAC**, **ELV**, **0-10V**)
  ELV & TRIAC Smart Dimmer & Switch
- DALI/DALI-2
- Electronic Low Voltage (**ELV**)† 50W (fits inside junction box)
- Lutron Hi-Lume/Ecosystem

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

MAKE IT SMART

- Pure Smart™ WiZ Pro Controls

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, RoHS, Title 24 JA8 compliant for 2700K CCT and above when used with PureEdge Remote Universal Power Supplies.

NOMINAL LAMP DATA	SS2B				SS5B				SS7B			
WATTS PER FOOT	2.5W				5W				7W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	493	508	522	501	1005	1016	1104	1036	1344	1394	1502	1433
LUMENS PER WATT (lm/w)	172	179	186	184	165	170	182	178	161	166	180	175
CRI	95	94	93	93	95	94	93	93	95	94	93	93
LEDS PER FOOT	48	48	48	48	48	48	48	48	48	48	48	48

System	Type	Voltage	Length in Feet	Color Temperature
SS1B	PIN	24V	50	27K

SS2B High Output Strip, 2 Watts (40ft Max)
SS5B High Output Strip, 5 Watts (20ft Max)
SS7B High Output Strip, 7 Watts (12ft Max)

PIN Pin Connector
SE1 6' Soldered lead, 1 end
SE2 6' Soldered leads, 2 ends

24V 24 Volt

1-50

27K 2700K Incandescent White
30K 3000K Warm White
35K 3500K Neutral White
40K 4000K Cool White

STOMP STRIP & SOFT STRIP, STATIC WHITE

24VDC WITH PIN CONNECTORS

PURE EDGE Pure Smart Lighting

PROJECT

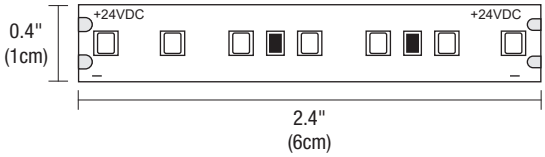
FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26





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. 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

SPECIFICATIONS

- 24VDC
- 2.5, 4.4, 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)
- System requires two rows of LED strip

LAMP

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

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

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Controls
- 2-in-1 Power Driver And Dimmer **(ELV)**
- UNI Driver: Universal Dimming **(TRIAC, ELV, 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

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, 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+

System		Type		Voltage		Length in Feet		Color Temperature
ST2A	–	PIN	–	24V	–	40	–	27K

ST2A Stomp Strip, 2.5 watts (40ft Max)
ST5A Stomp Strip, 4.4 watts (20ft Max)
ST7A Stomp Strip, 7.3 watts (12ft Max)

PIN Pin Connector

24V 24 Volt

1-40

24K 2400K Very Warm White
27K 2700K Incandescent White
30K 3000K Warm White
35K 3500K Neutral White
40K 4000K Cool White

System Requires Two Rows of LED Strip

WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS

PURE EDGE™ Pure Smart Lighting

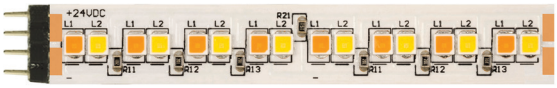
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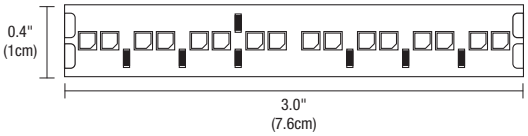
FIXTURE TYPE

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DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26





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.

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

- **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)
- Maximum length before re-feeding - 20'
- System requires two rows of LED strip

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 10WDC (2x4.8 watts per foot) 10'

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

24VDC, Class 2 wiring

- 2-in-1 Power Driver And Dimmer **(ELV)**
- UNI Driver: Universal Dimming **(TRIAC, ELV, 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, 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+

System	Type	Voltage	Length in Feet	Color Temperature
ST5A	PIN	24V	20	30D
ST5A Stomp Strip, 4.8 watts	**PIN** Pin Connector	**24V** 24 Volt	**1-20**	**27D** 2700K-1800K Warm Dim **30D** 3000K-2000K Warm Dim

System Requires Two Rows of LED Strip

PRO WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS

PURE EDGE Pure Smart Lighting

PROJECT

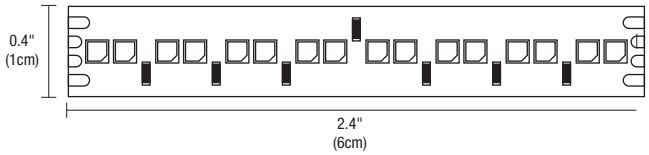
FIXTURE TYPE

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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

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)
- System requires two rows of LED strip

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.5 watts per foot) 20'
- 10WDC (2x5 watts per foot) 10'
- 14WDC (2x7.5 watts per foot) 6'

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

24VDC, Class 2 wiring

- Pro Dim Power Supplies & Controls

*In-Wall Mounting Kits available for select Power Supplies

APPROVALS

Class 2 Wiring up to 100 watts, 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+

System		Pin		Voltage		Length in Feet		Color Temperature
ST5A	–	PIN	–	24V	–	40	–	30KPD

ST2A Stomp Strip, 2.5 watts per foot
ST5A Stomp Strip, 5 watts per foot
ST7A Stomp Strip, 7.5 watts per foot

PIN Pin Connector

24V 24 Volt

1-40 Sold in 1' increments

27KPD 2700K-1800K Pro Dim
30KPD 2000K-3000K Pro Dim

System Requires Two Rows of LED Strip

STOMP STRIP, TUNABLE WHITE

24VDC WITH PIN CONNECTORS

PURE EDGE Pure Smart Lighting

PROJECT

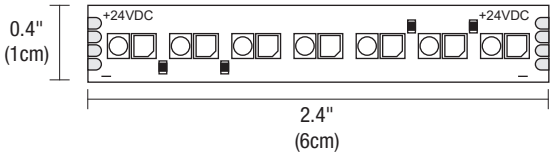
FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26





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)
- System requires two rows of LED strip

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

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Controls
- 2-in-1 Power Driver And Dimmer **(ELV)**
- 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

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

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, 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+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+

NOMINAL LAMP DATA	ST2A 27K6							ST5A 27K6							ST7A 27K6						
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+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+

System		Type		Voltage		Length in Feet		Color Temperature
ST2A	–	PIN	–	24V	–	40	–	2K6K

ST2A Stomp Strip, 2.5 watts (40ft Max)
ST5A Stomp Strip, 4.6 watts (20ft Max)
ST7A Stomp Strip, 7.5 watts (12ft Max)

PIN Pin Connector

24V 24 Volt

1-40

2K6K Tunable White 2000K-6500K
27K6 Tunable White 2700K-6500K

System Requires Two Rows of LED Strip

PureEdge Lighting reserves the right to modify this specification without prior notice

SOFT STRIP, RGB

24VDC WITH PIN CONNECTORS

PROJECT

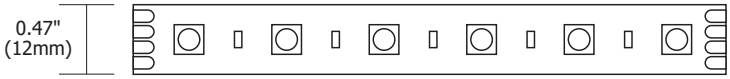
FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26





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
- 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)
- System requires two rows of LED strip

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

MOUNTING

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

LAMP

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

ACCESSORIES (SOLD SEPARATELY)

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

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

24VDC, Class 2 wiring

- 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

Damp Location, Class 2 wiring, 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') **SS5** Soft Strip 5 watts per foot (max 20')		**PIN** Pin Connector		**24V** 24 Volt		**1-36** Sold in 1 ft. increments		**RGB** Dynamic Color Red, Green, and Blue

System Requires Two Rows of LED Strip

SOFT STRIP, RGB+WHITE

24VDC WITH PIN CONNECTORS

PURE EDGE Pure Smart Lighting

PROJECT

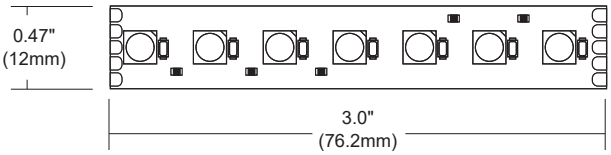
FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.04.26





DESCRIPTION

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

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 6.3 watts per foot
- Sold in 1' increments
- Field-cuttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

MOUNTING

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

LAMP

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

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

24VDC, CLASS 2 WIRING

- DMX & Controls
- 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

Damp Location, Class 2 wiring, 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**

System Requires Two Rows of LED Strip

TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

24VDC, 5 CHANNEL CONTROL, WITH PIN CONNECTORS

PURE EDGE Pure Smart Lighting

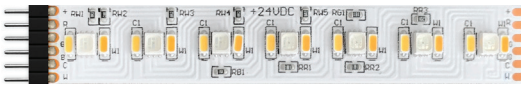
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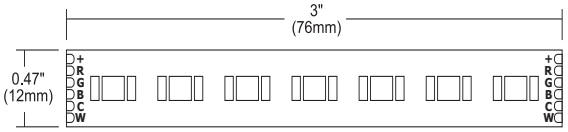
FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 11.04.26





DESCRIPTION

Pure Smart by PureEdge **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™ LEDs 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 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 Pure Smart Remote Power Supplies required. Includes a 5-year pro-rated warranty. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

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 or Pre-soldered leads 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 Life: 50,000 hours

AVERAGE PERFORMANCE 2000K-5500K

- Average CRI: 97+
- Average DUV: +-0.0002
- Average R9: 91, Rg: 103, Rf: 93

SPECIFICATIONS

- System requires two rows of LED strip
- 24VDC
- S5W5: 5W RGB & 5W Tunable White
- S5W7: 5W RGB & 7W Tunable White
- Sold in 1’ increments
- Field-cuttable 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, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- Home Integration Solutions
- Pure Smart™ WiZ Pro Power Supplies
- Pure Smart™ Wi-Fi Controller

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																		
WATTS PER FOOT	S5W5 5W RGB & 5W TUNABLE WHITE									S5W7 5W RGB & 7W TUNABLE WHITE								
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	92+	94+	95+	95+	96+	97+	97+	92+	90+	93+	95+	96+	97+	97+	98+	97+	95+	93+
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	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	67
Rg	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	91
R9	105	101	103	105	104	102	100	102	103	104	100	102	103	103	101	100	102	103
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
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

System		Connection		Voltage		Length in Feet		Color Temperature
S5W5	–	PIN	–	24V	–	20	–	RGBTW

S5W5 5 watts RGB & 5 watts Tunable White
S5W7 5 watts RGB & 7 watts Tunable White
System Requires Two Rows of LED Strip

PIN Pin Connector

24V 24 Volt

1-20 ft (S5W5)
1-12 ft (S5W7)

RGBTW Red, Green, Blue, and Tunable White 1500K-6500K

TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

24VDC, 5 CHANNEL CONTROL, WITH PIN CONNECTORS

PURE EDGE Pure Smart Lighting

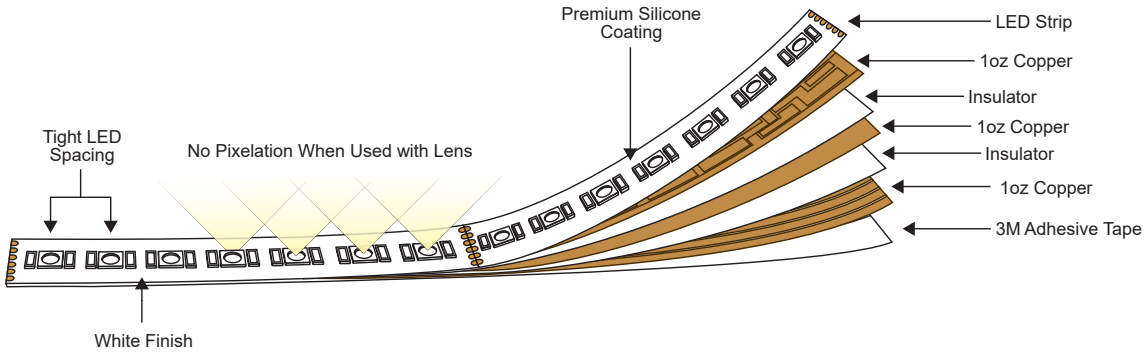
PROJECT

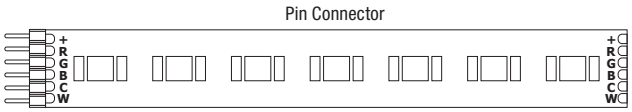
FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 11.04.26





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

SOFT STRIP, MONOCHROMATIC COLOR

24VDC WITH PIN CONNECTORS

PURE EDGE Pure Smart Lighting

PROJECT

FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

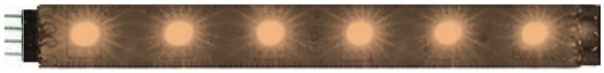
REV 11.04.26



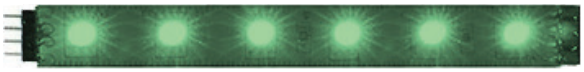
RRR - Red



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: 5 or 10 watts per foot
- Sold in 1' increments
- Field-cuttable in 4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

MOUNTING

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

ACCESSORIES (SOLD SEPARATELY)

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

LAMP

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

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

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming **(TRIAC, ELV, 0-10V)**
- Electronic Low Voltage (ELV)† 50W (fits inside junction box)
- ELV & TRIAC Smart Dimmer & Switch
- DALI/ DALI 2
- Lutron Hi-Lume/Ecosystem

*In-Wall Mounting Kits available for select power supplies

APPLICATIONS

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

APPROVALS

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

System		Type		Voltage		Length In Feet		Color Temperature
SS3	–	**PIN**	–	**24V**	–	**36**	–	**AAA**

SS3 Soft Strip Commercial Grade, 2.6 watts per foot (max 36')
SS5 Soft Strip Commercial Grade, 5 watts per foot (max 20')

PIN Pin Connector

24V 24 Volt

1-36 1-36 feet

AAA Amber
BBB Blue
GGG Green
RRR Red

System Requires Two Rows of LED Strip

TM30 DATA

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PROJECT

FIXTURE TYPE

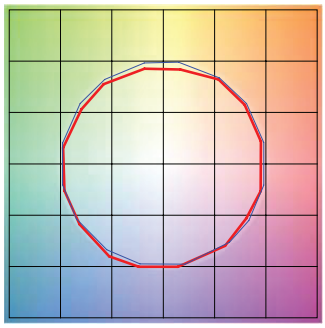
DATE

REV 11.04.26

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

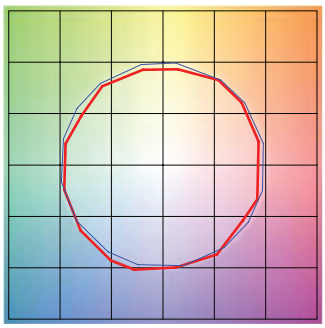
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

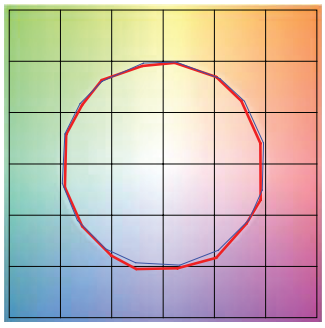
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

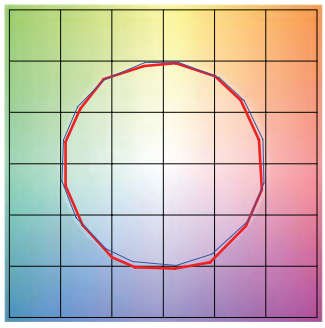
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

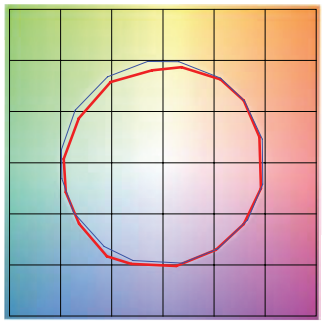
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

TM30 DATA

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PROJECT

FIXTURE TYPE

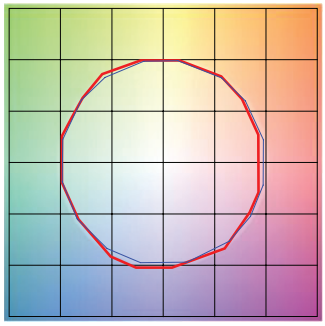
DATE

REV 11.04.26

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

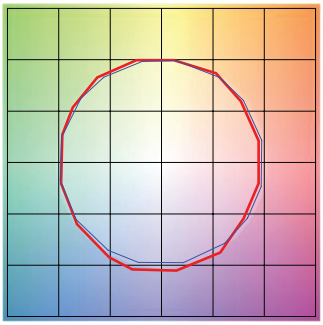
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

TM30 DATA

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PROJECT

FIXTURE TYPE

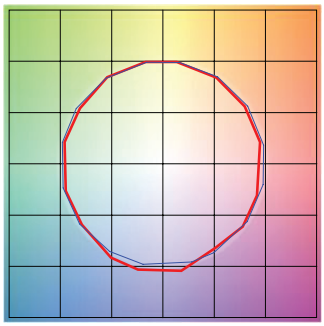
DATE

REV 11.04.26

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

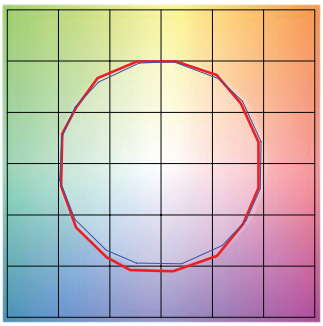
Color Vector Graphic



		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%

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

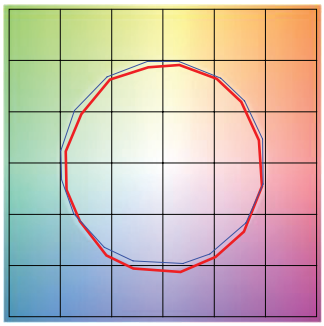
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	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



		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%

TM30 DATA

DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PROJECT

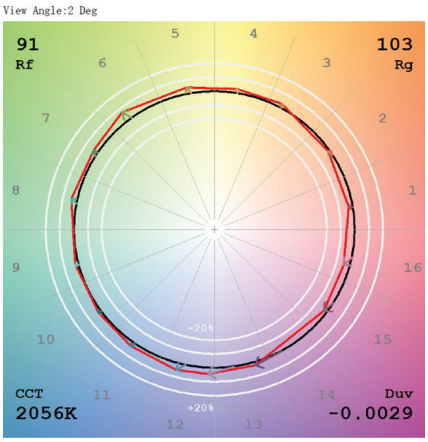
FIXTURE TYPE

DATE

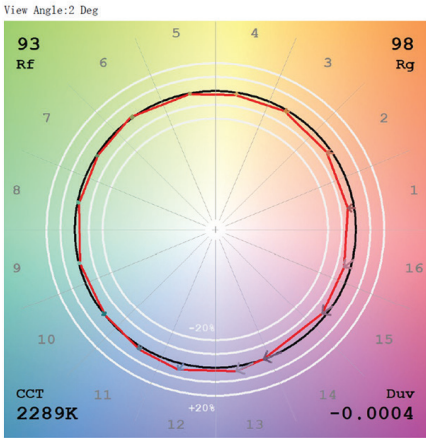
REV 11.04.26

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.

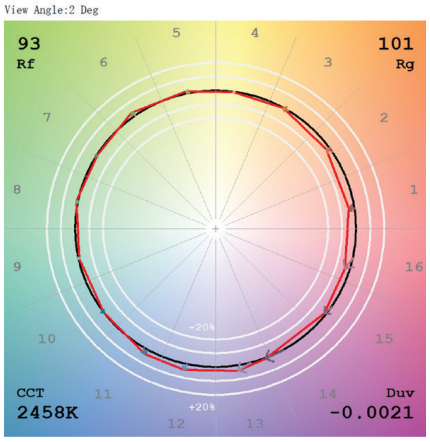
2000K (TruColor™ RGBTW)



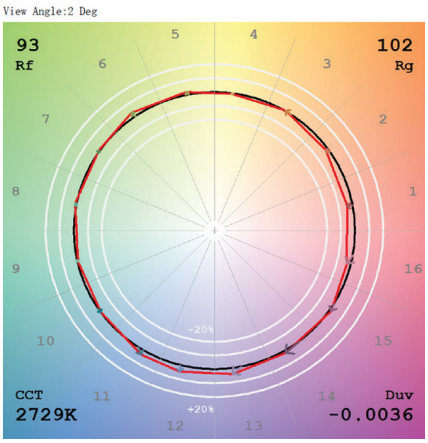
2200K (TruColor™ RGBTW)



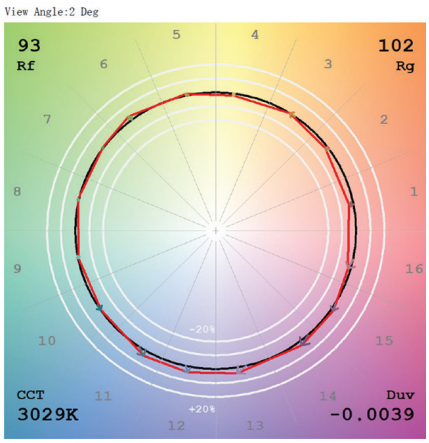
2400K (TruColor™ RGBTW)



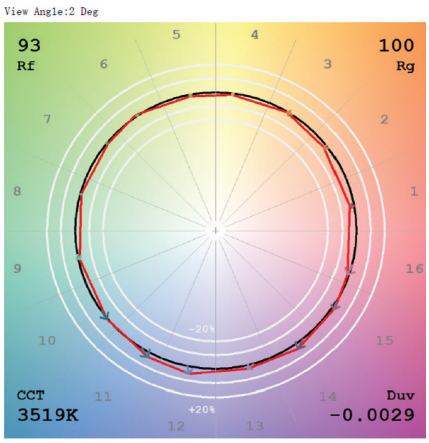
2700K (TruColor™ RGBTW)



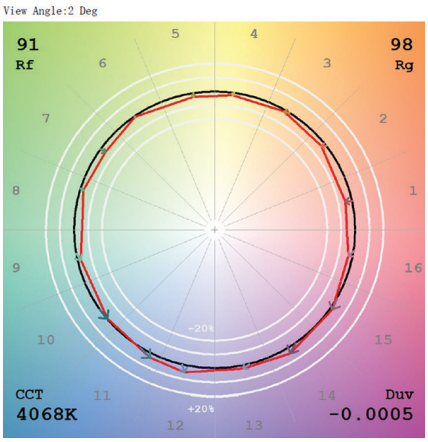
3000K (TruColor™ RGBTW)



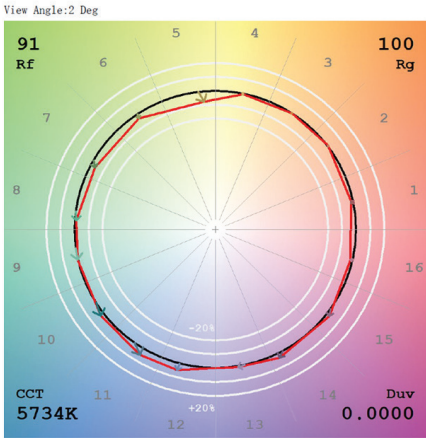
3500K (TruColor™ RGBTW)



4000K (TruColor™ RGBTW)



5700K (TruColor™ RGBTW)



6500K (TruColor™ RGBTW)

