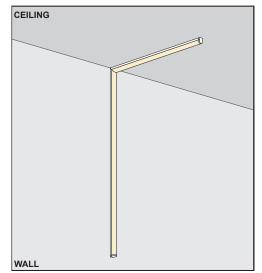
CIRRUS CEILING / WALL T1 DIY TUBULAR DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

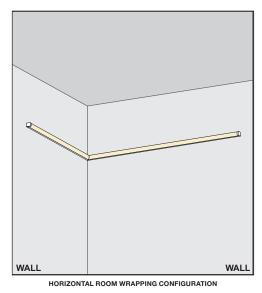
REV 02.20.24

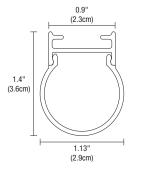
DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA





VERTICAL ROOM WRAPPING CONFIGURATION





DESCRIPTION

PureEdge Lighting's DIY (Do-It-Yourself) Cirrus Ceiling T1 (Tubular lens) system allows you to create more complex configurations using Pre-Formed Components for simplifying the installation process. The versatile 24VDC linear LED lighting system, creates glare-free, indoor architectural lighting with 95+ CRI LEDs. High efficiency LEDs light the DIY System and can be mounted to a wall, ceiling or both at the same time seamlessly, using mounting clips, channel connectors and small junction boxes available with the system. The Cirrus Ceiling T1 Channel and Lens are sold in 4', 5', 8' and 10' increments. PureEdge's Soft Strip family of products provide the light engine to the DIY system. LED Soft Strip is sold in 1' increments up to 40' for 2.5 watt soft strip. Field cuttable every 2.4" for static CCT LED Soft Strip. Field cuttable every 3.0" for Warm Dim soft strip applications. High lumen output values from commercial-grade Static White CCT or Dynamic Color Changing LEDs project a clean crisp line of light that can be configured to any space. For custom design and layout assistance, send drawings to <u>design@PureEdgeLighting.com</u>. Pro-rated 5 Year Warranty.

ROOM WRAPPING DESIGN NOTE

Cirrus Ceiling T1 can be installed on a horizontal single surface around the perimeter of a room, or on a wall vertical plane across the ceiling. Add DIY Pre-Formed Components to create desired Room Wrapping Installations. Room Wrapping is the style of installation in which the electrician may miter-cut in the field 45° inside and outside angles. The LED Soft Strip is installed flat on the back of the channel and bends within inside or outside corners for seamless light across surfaces.

PRE-FORMED COMPONENTS

Channel and Lens, Power and Non-Power End Caps, and Mounting Clips with Channel Connectors

APPLICATIONS

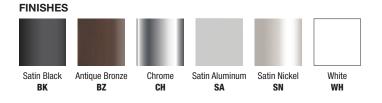
Indoor damp or dry locations only. Can be used for general illumination and architectural accenting at top of ceilings and for room wrapping or wall to ceiling designs in Residential, Hospitality, Retail, and Commercial applications.

LAMP

- Static White Color Temperatures ranging from 2400K through 4000K
- Warm Dim: 27D and 30D dim down to 1800K, resembling halogen light sources
- Average life: 50,000 hours

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY) 24VDC, Class 2 wiring

*See LED Strips for correlating power supplies



FIXTURE TYPE



REV 02.20.24

COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement

0.28" (0.7cm)

C

0.28" (0.7cm)

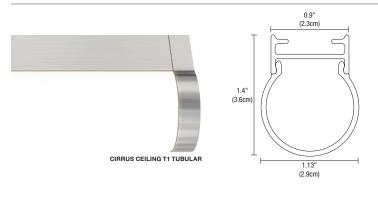
1.34" (3.4cm)

0.12" (0.3cm)

H

0.78" (2cm)

1.34" (3.4cm)



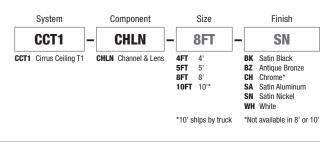
0.28" (0.7cm)

1.34" (3.4cm)

1.34" (3.4cm)

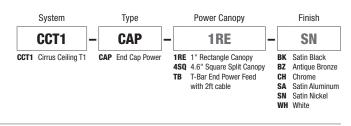
CHANNEL & LENS

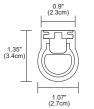
4', 5', 8', 10' Channel with Lens. LED Soft Strip (not included) will be installed flat in the channel. Allows you to create a DIY Cirrus Ceiling T1 system. Field cuttable to any length. Add CC connectors below, as needed.





Power End Cap Connector joins the Cirrus Modular Ceiling and electrically provides power from a Remote Power Supply through the Power canopy. Includes Power Canopy and 6' of Power Cable, which easily adjusts at Canopy. 1RE J-box included with ordering code.





0.9" (2.3cm)

1.07" (2.7cm)

1.35" (3.4cm



0.78

0.12" (0.3cm) ____

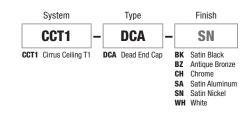


2" (5.1cm)

2" (5.1cm)

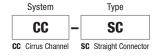
END CAP

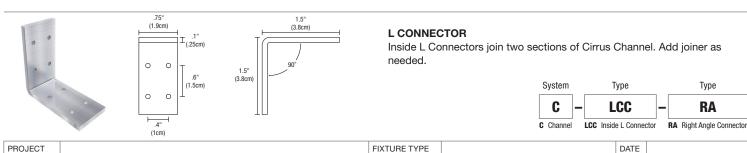
End Cap terminates the Cirrus Modular Ceiling run and provides a finished look.





Straight Connectors join two sections of Cirrus Channel.





PROJECT



REV 02.20.24

COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement

2.62" (6.7cm)

0 3.75"

0

2 62'

2.63" (6.7cm)

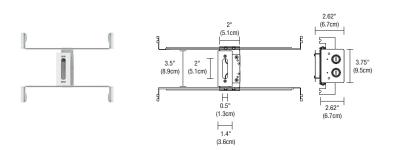
.28"

(3.3cm)

(2.1cm)

(6.7cm)

(9.5cm)



3.5'

(8.9cm)

(5.1cm)

(5.1cm)

Ų

H 0.5"

(1.3cm)

1.4"

(3.6cm)

1" RECTANGLE CANOPY & J-BOX

(INCLUDED WITH 1RE SELECTED IN FIXTURE ORDERING CODE)

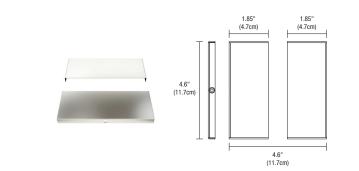
The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from Remote Power Supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Includes a Goof Plate, for poor plastering around J-box.





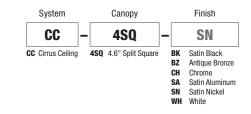
The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from included power supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Rated 60 watts for Non-Insulated Ceiling or Wall Power Supply. Rated 50 watts for Insulated Ceiling. Includes a Goof Plate, for poor plastering around J-box.





4" SQUARE SPLIT CANOPY

(INCLUDED WITH 4SQ SELECTED IN FIXTURE ORDERING CODE) The 4" Square Canopy fits on a standard 4" electrical box with round plaster ring. It fits flush along channel while covering Junction Box. The Canopy may float anywhere along the channel and comes in six finishes.

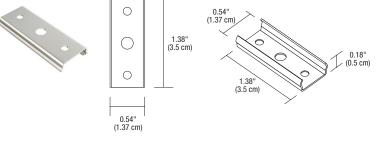


CEILING MOUNTING LOCKING CLIP (INCLUDED WITH ORDERING CODE CANOPY 1RE OR 4SQ)

Ceiling Mounting spring clips are provided with every 2ft of Cirrus Ceiling Channel. The Clip snaps into the channel, staying securely fastened to the ceiling or wall.

System	Canopy
CC –	MCL
CC Cirrus Ceiling	MCL Mounting Clip

PROJECT



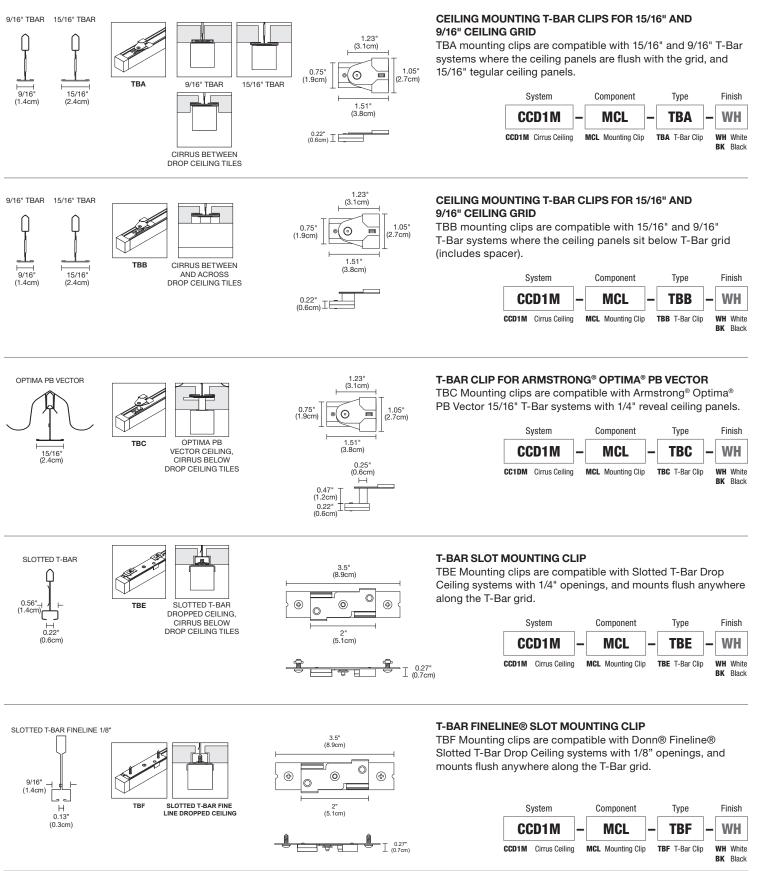
DATE

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614 PureEdge Lighting reserves the right to modify this specification without prior notice

FIXTURE TYPE

TUBULAR DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

T-Bar Mounting Options for Cirrus Channels



PROJECT

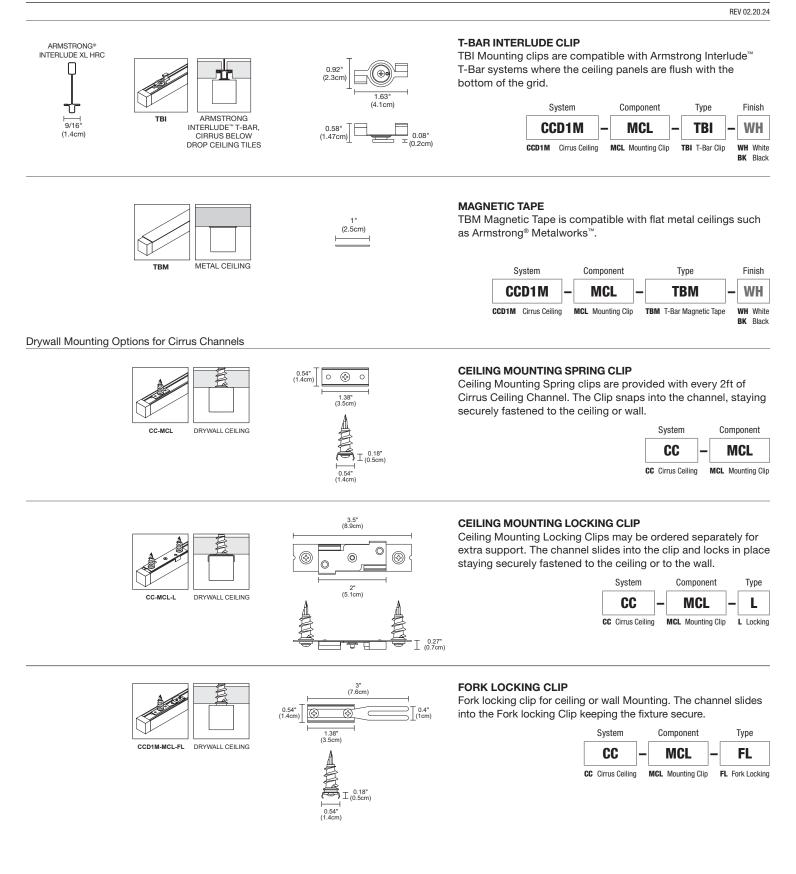
www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614 PureEdge Lighting reserves the right to modify this specification without prior notice

FIXTURE TYPE

DATE

REV 02.20.24





FIXTURE TYPE

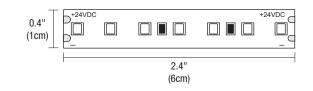
WIFT WIZ STOMP STRIP, STATIC WHITE 24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 03.12.24





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 94+ 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

SPECIFICATIONS

24VDC

- 2.5, 4.4, 7.3 or 9.6 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)

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
- <u>Pure Smart™ WiZ Pro Power Supplies & Controls</u>
- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V)
- Lutron Hi-Lume/Ecosystem
- *In-Wall Mounting and drop ceiling Kits available for select power supplies

MAXIMUM LENGTHS BEFORE RE-FEEDING

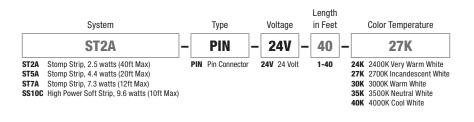
- 2WDC, 2.5 watts per foot 40'
- 5WDC, 4.4 watts per foot 20'
- 7WDC, 7.3 watts per foot 12'
- 10WDC, 9.6 watts per foot 10'

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, RoHs, Title 24 JA8 listed for 2700K CCT and above when used with PureEdge remote Universal power supplies.

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

NOMINAL LAMP DATA			ST7A					SS10C		
WATTS PER FOOT			7.3W					9.6W		
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (Im/ft)	811	820	854	980	1033	963	1014	1056	1212	1287
LUMENS PER WATT (Im/w)	111	112	117	134	142	100	106	110	126	133
CRI	92+	92+	92+	92+	92+	90+	95+	95+	85+	85+



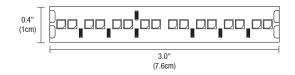


DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 03.12.24





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.

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
- 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'

LAMP

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

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

24VDC, Class 2 wiring

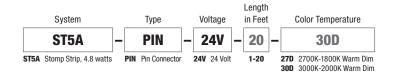
- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V)
- Lutron Hi-Lume/Ecosystem
- DALI
- <u>DALI 2</u>

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

APPROVALS

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

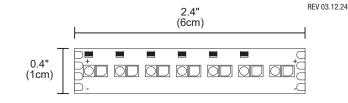
NOMINAL LAMP DATA	ST	5A
WATTS PER FOOT	4.8	BW
COLOR TEMPERATURE	27D	30D
LUMENS PER FOOT (Im/ft)	606	631
LUMENS PER WATT (Im/w)	126	131
CRI	94+	94+











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 & 10 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, 7.5 and 9.6 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)

LAMP

- Available in 2700K 27KPD (dims down to 1800K) and 3000K (30KPD) that dims down to 2000K
- Up to 592 Lumens per foot
- Linear Dimming Curve
- Designer Grade High CRI 92+ LEDs
- Average life: 50,000 hours

MAXIMUM LENGTHS BEFORE RE-FEEDING

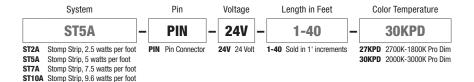
- 2WDC 40'
- 5WDC 20'
- 7WDC 12'
- 10WDC 10'

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

24VDC, Class 2 wiring

- ProDim
- *In-Wall Mounting Kits available for select Power Supplies

DESCRIPTION	ST2A	KPD	ST5A	KPD	ST7A	KPD	ST10/	A KPD
WATTS PER FOOT	2W (2.5	5 watts)	5W (5	watts)	7W (7.5	5 watts)	10W (9.	6 watts)
COLOR TEMPERATURE	27KPD	30KPD	27KPD	30KPD	27KPD	30KPD	27KPD	30KPD
LUMENS PER FOOT (Im/ft)	165	173	426	451	523	548	580	592
LUMENS PER WATT (Im/w)	66	69	66	69	58	61	50	51
CRI	92+	92+	92+	92+	92+	92+	92+	92+



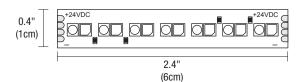
24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 03.12.24





CAN'T STOMP ME OUT

Our 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. 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 Spin 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
- 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
- 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
- Sold in 1' increments, field-cuttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

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

24VDC, Class 2 wiring

- Pure Smart[™] WiZ Pro Power Supplies & Controls
- <u>0-10V</u>: Requires two dimmers, one for intensity and one for color temperature
- DMX Dynamic Color Changing
- <u>Controllers</u>
- *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'
- 10WDC, 9.6 watts per foot 10'

APPROVALS

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

NOMINAL LAMP DATA				ST	2A 2K	6K							ST	5A 2K	6K							ST	7A 2K	6K							ST1	0A 2I	K6K			
WATTS PER FOOT				2	.5 Wat	ts							4	.6 Wat	is							7	.5 Wat	ts							9	.6 Wat	ts			
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	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (Im/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	984	1056	1056	1114	1075	1056	792	792	984
LUMENS PER WATT (Im/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	123	110	110	116	112	110	110	110	123
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+	91+	91+	92+	94+	94+	94+	92+	91+	91+

NOMINAL LAMP DATA			S	[2A 27]	(6					S	[5A 27]	(6					ST	7A 27	(6					ST	10A 27	K6		
WATTS PER FOOT			2	2.5 Watt	s					4	1.6 Watt	s					7	.5 Watt	S						9.6W			
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (Im/ft)	164	195	201	206	225	242	231	411	420	436	452	447	443	442	555	567	589	610	603	598	596	981	1009	1039	1069	1028	1017	984
LUMENS PER WATT (Im/w)	82	78	80	82	90	97	115	103	91	95	98	97	96	110	87	79	82	85	84	83	93	123	110	113	116	112	111	123
CRI	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	93+	93+	93+	91+	91+

	System		Туре		Voltage		Length in Feet		Color Temperature
	ST2A	-	PIN	_	24V	–	40	-	2K6K
ST2A ST5A ST7A ST10A	Stomp Strip, 2.5 watts (40ft Max) Stomp Strip, 4.6 watts (20ft Max) Stomp Strip, 7.5 watts (12ft Max) Stomp Strip, 9.6 watts (10ft Max)		PIN Pin Connector		24V 24 Volt		1-40		 Tunable White 2000K-6500K Tunable White 2700K-6500K



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA







DESCRIPTION

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

SPECIFICATIONS

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

MOUNTING

Self-adhering 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

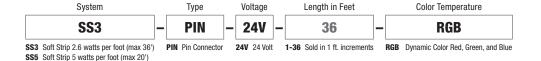
- DMX Dynamic Color Changing
- <u>Controllers</u>
- <u>DALI</u>
 DALI 2
- *In-Wall Mounting and drop ceiling Kits available for select power supplies

APPLICATIONS

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

APPROVALS

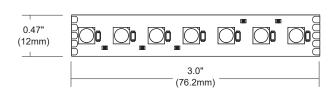
Damp Location, Class 2 wiring, ETL Listed











DESCRIPTION

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

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 6.3 watts per foot
- Maximum length before re-feeding: 16'
- Sold in 1' increments
- Field-cuttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MOUNTING

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

LAMP

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

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

24VDC, CLASS 2 WIRING

- DMX Dynamic Color Changing
- Controllers
- DALI
- DALI 2 *In-Wall Mounting and drop ceiling Kits available for select power supplies

ACCESSORIES (SOLD SEPARATELY)

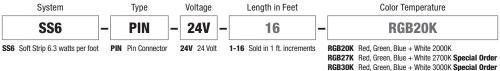
- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

APPLICATIONS

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

APPROVALS

Damp Location, Class 2 wiring, ETL Listed



RGB40K Red, Green, Blue + White 4000K Special Order

TRUCOLOR[™] RGB & TUNABLE WHITE LED STRIP

24VDC 5 CHANNEL FULL COLOR LIGHT ENGINE



REV 03.19.24



DESCRIPTION

PureEdge Lighting's new TruColor[™] RGBTW technology uses five channels of tunable LEDs, composed of 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 +-0.002 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. TruColor¹⁷ 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. Includes a 5-year pro-rated warranty. For custom guotes 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
- TruColor™ RGBTW is optimized for use with WiZ Pro Wi-Fi based smart control system.
- Offered with Snap & Light, 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 and efficacy
- Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 3oz Layer of PCB per foot provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

LUMEN PERFORMANCE

0 47

(12mm)

 TruColor™ RGBTW Red, Green, and Blue with Tunable White(1500K-6500K)

3" (76mm)

- S5W5 360lm/ft 5W @3000K
- S5W7 526m/ft 7W @3000K
- S5W10 622Im/ft 10W @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
- S5W10: 5W RGB & 10W Tunable White
- Sold in 1' increments
- Field-cuttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

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

Pure Smart[™] WiZ Pro Power Supplies & Controls

Pure Smart Wi-Fi Power Supplies and Bridgeboxes allow for integration into WiZ Pro wireless control ecosystem.

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

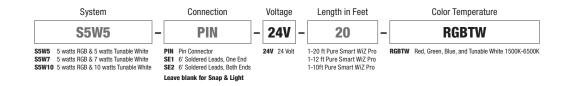
- S5W5 Pure Smart[™] WiZ Pro: 20 ft
- S5W7 Pure Smart[™] WiZ Pro: 12 ft
- S5W10 Pure Smart[™] WiZ Pro: 10 ft

APPLICATIONS

Designed for indoor use only. Ideal applications for residential, commercial, hospitality environments, and general human centric lighting.

APPROVALS

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





TRUCOLOR[™] RGB & TUNABLE WHITE LED STRIP

24VDC 5 CHANNEL FULL COLOR LIGHT ENGINE



REV 03.19.24

NOMINAL LAMP DATA

DESCRIPTION			S5W5 5	W RGB	& 5W T	UNABLI	E WHITE					S5W7 5	W RGB	& 7W T	UNABLE	WHITE				S	5W10 5	W RGB	& 10W	TUNABI	E WHIT	Έ	
WATTS PER FOOT				5W	Maxim	um							7W	Maxim	um							10W	Maxin	num			
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 (Im/ft)	171	256	311	349	360	380	410	288	265	211	352	452	513	526	554	543	319	289	224	359	482	566	622	667	649	365	331
LUMENS PER WATT (Im/w)	63	56	71	82	85	87	98	98	111	63	91	73	86	86	90	93	92	96	64	45	61	73	79	86	78	100	114
CRI	91.8	93.8	94.5	94.9	95.5	96.9	97.2	92.1	89.8	93	95	96	97	97	98	97	95	92.7	92.7	94.5	95.7	96.5	97.4	98.1	97	93.6	91.6
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	-0.0028	-0.0005	-0.0022	-0.0035	-0.003	-0.0011	-0.0001	-0.0038	-0.0048
Rf	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	91	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	104	100	103	104	103	102	100	102	103
R9	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	67	91	90	90	94	95	93	90	79	69
R13	92	94	95	95	94	96	99	90	87	92	95	96	96	97	99	99	91	88	92	94	96	96	97	100	99	92	89
R15	99	99	99	98	97	97	97	89	85	99	99	99	99	99	98	97	90	85	99	99	99	99	99	98	97	90	86
WATTS/F00T	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	3.5	8	7.9	7.7	7.85	7.8	8.3	3.65	2.9

LENGTH CHARTS

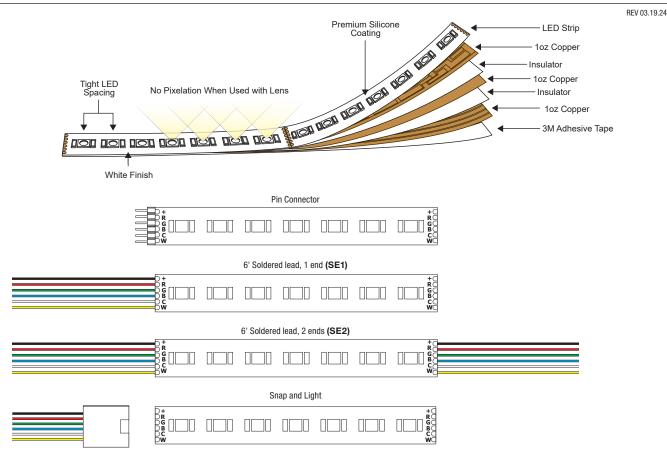
S5	W5 WATT	S PER FO	OT
Length In Feet	RGB Wattage	Tunable White Wattage	WiZ Pro Wattage
1	5	5	5
2	10	10	10
3	15	15	15
4	20	20	20
5	25	25	25
6	30	30	30
7	35	35	35
8	40	40	40
9	45	45	45
10	50	50	50
11	55	55	55
12	60	60	60
13	65	65	65
14	70	70	70
15	75	75	75
16	80	80	80
17	85	85	85
18	90	90	90
19	95	95	95
20	100	100	100

S 5	W7 WATT	'S PER FO	0T
Length In Feet	RGB Wattage	Tunable White Wattage	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

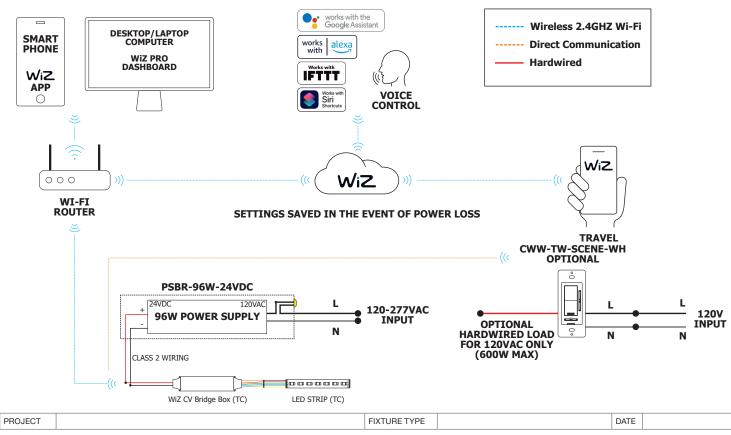
S5	N10 WAT	TS PER F	DOT
Length In Feet	RGB Wattage	Tunable White Wattage	WiZ Pro Wattage
1	5	10	10
2	10	20	20
3	15	30	30
4	20	40	40
5	25	50	50
6	30	60	60
7	35	70	70
8	40	80	80
9	45	90	90
10	50	100	100







WIRING DIAGRAM



SNAP & LIGHT ACCESSORIES

SOLDERLESS CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 03.19.24







snap contacts

4. Close the cover





- Using the Snap & Light Solderless Connectors: Cutting and reconnecting our LED Strip is easy. All you need is a pair of scissors or any sharp device that will allow you to make a clean cut.
- 1. Cut the middle of joining contacts
- 2. Remove the protective coating from the contacts
 - Power Connector

Jumper Connector

0.6'

(1.5cm)

5. Snap the cover to secure in place

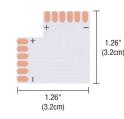
3. Place the LED Strip end under the plastic guide and push it under the

24VDC SOLDERLESS SNAP & LIGHT POWER/JUMPER CONNECTOR

Joins two cut sections of LED Strip end to end. Use as a power connector is required. Use as a jumper connector is optional. To use as a power connector cut and strip the wires.







SOLDERLESS SNAP & LIGHT L-CONNECTOR

Joins and conducts power to two sections of LED Strip in an L-shape.



SOLDERLESS SNAP & LIGHT STRAIGHT CONNECTOR

Joins and conducts power to two sections of LED Strip.





PROJECT

FIXTURE TYPE

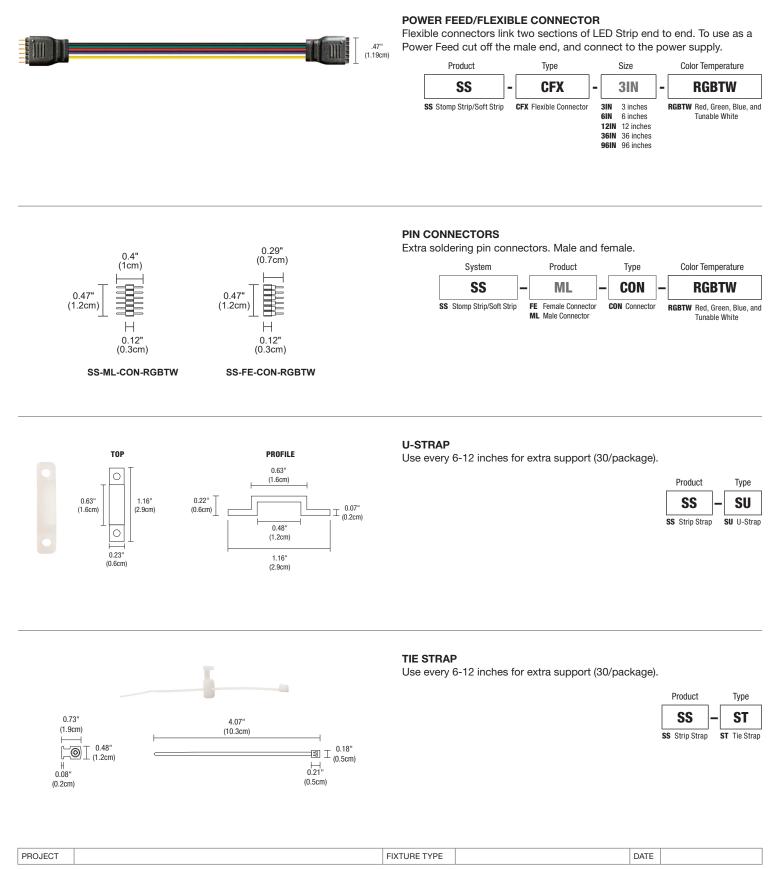
DATE

ACCESSORIES

PIN & SOLDERING CONNECTORS



ACCESSORIES



PURE SMART[™] CV96W RGBTW BRIDGEBOX 24VDC, 5 CHANNEL, CONNECTED BY WiZ PRO





REV 03.19.24



DESCRIPTION

The Pure Smart[™] Type CV96W RGBTW Bridgebox enables wireless control of a constant voltage, 5 Channel RGBTW LED load with the WiZ Pro wireless control ecosystem. The CV96W has both Wi-Fi and Bluetooth connectivity. No Hub Required. Voice control can be achieved by integrating with Alexa, Google Assistant, Siri Shortcuts, SmartThings, and IFTTT. Only for use with PSBR-96W-24VDC Power Supply for Remote Bridgebox (sold separately).

APPLICATIONS

Indoor, Dry locations only

POWER INPUT

12V-24VDC, Class 2 wiring For use with Non-Dim PSB PSBR-96W-24VDC

POWER OUTPUT

Class 2; 12V-24VDC, 1.7A max per channel

EFFICIENCY 90%

AMBIENT OPERATING TEMPERATURE -20° C to 50° C

WiZ APP

The WiZ app allows control from any mobile device. The app offers CCT and brightness control as well as scene selection, dynamic light modes, circadian rhythm, scheduling, and grouping. Works with Google Assistant, Amazon Alexa, Siri Shortcuts, IFTTT, and SmartThings. The app and CV Controller are tuned to specific PureEdge RGBTW curves, and ranges.

SMART ROOM WALL CONTROLLER (SOLD SEPARATELY)

Pure Smart[™] Wiz Pro Wi-Fi Controller Features an ON/OFF buttons, CCT and brightness control rockers, and preset scene selections. Wi-Fi, 2.4 GHz.

SECURITY

3rd party log-in and cloud security provide a safe and protected connection, WiZ does not store nor share any personal information.

DIMMING CURVE

PWM 2kHz, 5-100% dimming

INSTALLATION

Intended for installation in Junction Box or PureEdge Power Feed (Sold Separately)

CONNECTIVITY

Wi-Fi iEEE802.11b/g/n, BLE V4.2

	PSBR-60W-24VDC	PSBR-96W-24VDC	PSBR-2X96W-24VDC	PSBR-3X96W-24VDC
	6 : : 6 • : 0 : 0	5 · · · · · · · · · · · · · · · · · · ·	000 990	5 5 5 9 9 9
		SPECIFI	ICATIONS	
MAXIMUM LOAD	60W	96W	2X96W	3X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASS 2	•	•	•	•
IN-WALL MOUNTING	•	•		
T-BAR MOUNTING	•	•	•	•
T-BAR CHICAGO PLENUM	•	•	•	

Weight Stress St



ASSEMBLED IN AMERICA

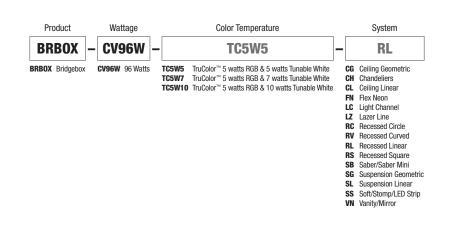


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SPECIFICATIONS

Approved Location	Dry / Indoor
Input Voltage	120Vac - 60 Hz
Certification	cULus, FCC
Compatible Load(s)	WiZ Connected products only
Maximum Power	600W (Hardwired Loads), No Maximum for Wireless Loads
Output Current	5A
Power Consumption	Relay OFF: 0.07W Soft OFF: 0.79W ON: 0.79W
Dimming	Dims to 3%
Operating Temperature	23°F~113°F (-5°C~45°C)
Wireless Frequency	2.4GHz
Wireless Standard	IEEE 802.11
Warranty	3 Year

DESCRIPTION:

The Pure Smart[™] Wi-Fi Room Controller works with any WiZ Connected Smart fixtures/lamps. The Room Controller grants independent adjustment of both color temperature and intensity, as well as scene selection for Single Channel/Static, Tunable White, and TruColor™ RGBTW Fixtures. Four preset scenes can be associated with the room controller via the WiZ App. Custom scenes can be created using multiple layers of light, colors, and can include Pure Smart Wi-Fi Dimmer and Switch as well. No Hub required. Communicates to the WiZ app and WiZ Pro Dashboard through connection to 2.4GHz Wi-Fi and the cloud. Boom Controller communicates with fixtures directly on the Local Area Network allowing for control even if the Wi-Fi goes down. Compatible with WiZ Connected fixtures only. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

OPERATION

Features ON/OFF buttons, CCT and brightness control rockers, and 4 preset/ custom scene selections. Maximum output of 600W for hardwired WiZ Connected devices. No load restriction when load wire is not used and devices are connected wirelessly to Room Controller. Communicates with 2.4GHz Wi-Fi only. No Hub Required.

EASY INSTALLATION

The Pure Smart[™] Wi-Fi Room Controller installs just like a traditional dimmer. Compatible with standard gangable boxes. Requires neutral wire. No Hub Required.

REV 03.19.24

WiZ APP

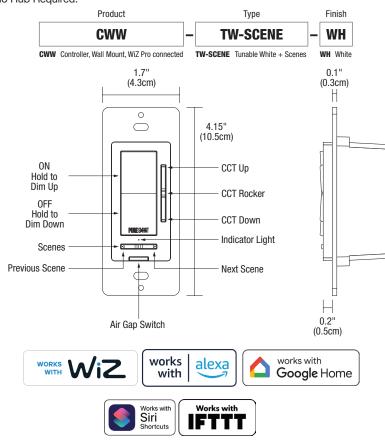
The Room Controller is added as an accessory in the WiZ app (Available on iOS or Android) and communicates directly to the WiZ enabled light fixture via direct wi-fi signal on Local Area Network (LAN). Voice control enabled when used in conjunction with Google Assistant, Siri, Alexa, IFTTT, and SmartThings. Grouping, zoning, scheduling, and custom scenes can all be programmed with the WiZ app or WiZ Pro Dashboard.

BODY

Durable polycarbonate body, compatible with decorator style wall plate (not included).

SECURITY

3rd party log-in and cloud security provide a safe and protected connection. WiZ does not store nor share any personal information.



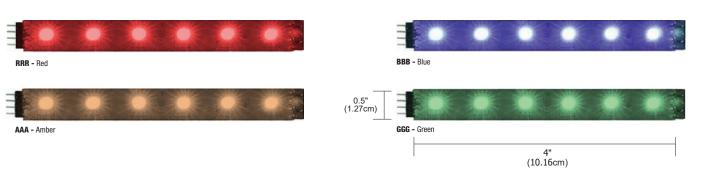
FIXTURE TYPE

SOFT STRIP, MONOCHROMATIC COLOR

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING





DESCRIPTION

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

SPECIFICATIONS

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

MOUNTING

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

ACCESSORIES (SOLD SEPARATELY)

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

LAMP

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

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

24VDC, Class 2 wiring

- Pure Smart[™] WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V)
- Lutron Hi-Lume/Ecosystem
- DALI
- <u>DALI 2</u>

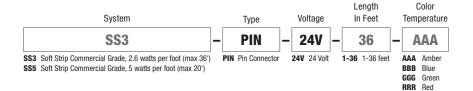
*In-Wall Mounting Kits available for select power supplies

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

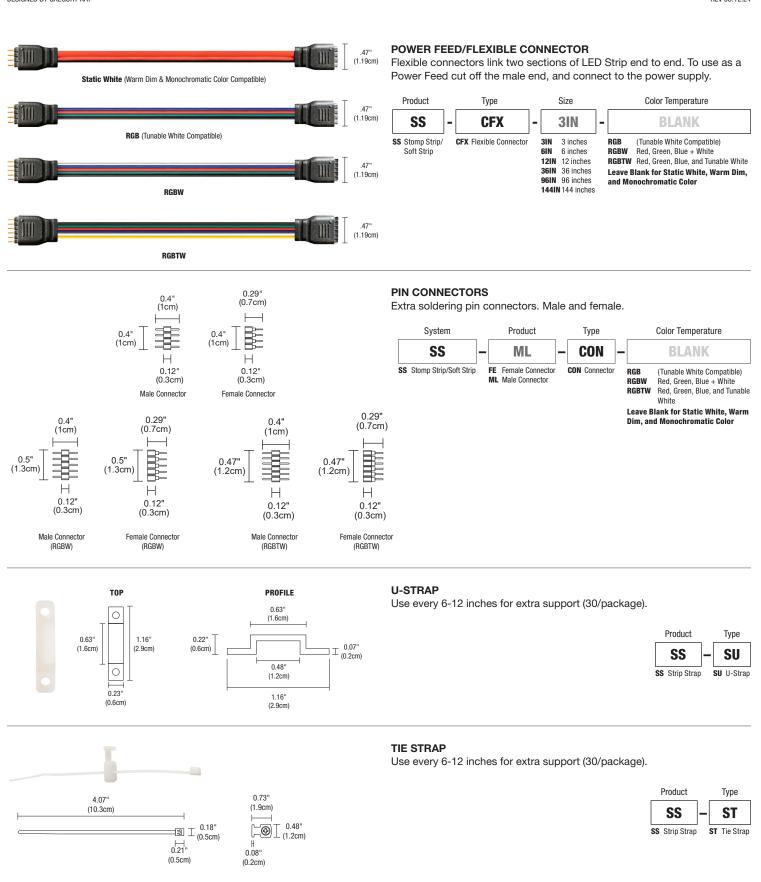
Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.



STOMP STRIP & SOFT STRIP ACCESSORIES

PIN CONNECTORS

DESIGNED BY GREGORY KAY



PROJECT

FIXTURE TYPE

DATE

PURE EDGE EDGE ELISATION

21

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614 For custom design and layout assistance, send drawings to design@PureEdgeLighting.com



												CCT1											
DESCRIPTION			DIFFUSED TUBULAR 1 LENS																				
WATTS PER FOOT		2W (2.5 watts) 5W (4.4 watts) 7W (7.3 watts)																					
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (Im/ft)	166	184	202	221	253	275	293	287	318	350	433	382	433	437	476	506	468	520	572	625	715	778	828
LUMENS PER WATT (Im/w)	66	74	81	88	101	110	117	65	72	79	90	86	90	99	108	115	64	71	78	86	98	106	113
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+

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

LENGTH CHART Actual lengths for Cirrus Ceiling T1

ENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS		LENGTH IN FEET	WATTS		LENGTH IN FEET	WATTS
1	3	11	27	1	21	51	1	31	75
2	5	12	29	1	22	54	1	32	78
3	8	13	32	1	23	56	1	33	80
4	10	14	34	1	24	58	1	34	82
5	13	15	37	1	25	61	1	35	85
6	15	16	39	1	26	63	1	36	87
7	17	17	41	1	27	66	1	37	90
8	20	18	44	1	28	68	1	38	92
9	22	19	46	1	29	70	1	39	94
10	24	20	48	1	30	72	1	40	96

							1		
LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS		LENGTH IN FEET	WATTS		LENGTH IN FEET	WATTS
1	5	6	30	1	11	54	1	16	78
2	10	7	34	1	12	58	1	17	82
3	16	8	40]	13	64]	18	88
4	20	9	44]	14	68]	19	92
5	24	10	48]	15	72]	20	96

			7.3 WAI13 FEN FUUI	STATIC	WHITE AND WARM DIM			
LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS		LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS
1	8	4	30		7	53	10	75
2	15	5	38		8	60	11	83
3	23	6	45		9	68	12	90

7 2 WATTE DED FOOT STATIC WHITE AND WADM DIM

	7.5 WATTS PER FOOT - STATIC WHITE AND WARM DIM								
LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS		LENGTH IN FEET	WATTS]	LENGTH IN FEET	WATTS
1	7.5	4	30	1	7	52.5	1	10	75
2	15	5	37.5	1	8	60	1	11	82.5
3	22.5	6	45]	9	67.5]	12	90
3	22.5	6	45		9	67.5		12	90

10 WATTS PER FOOT - STATIC WHITE AND WARM DIM

LENGTH IN FEET	WATTS
1	10
2	20
3	30

LENGTH IN FEET	WATTS
4	40
5	50
6	60

LENGTH IN FEET	WATTS
7	70
8	80
9	90

LENGTH IN FEET	WATTS
10	100

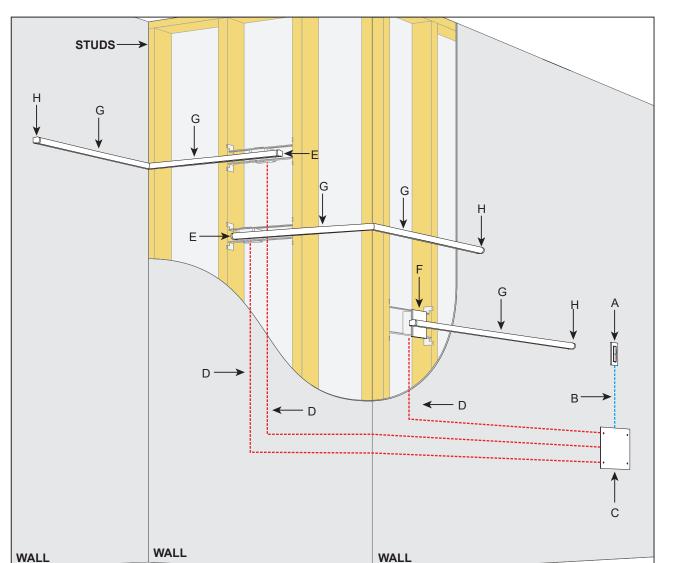
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PureEdge Lighting reserves the right to modify this specification without prior notice



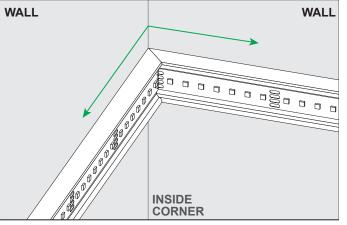
REV 02.20.24

INSTALLATION



A. DIMMER OR SWITCH

- **B. 120VAC WIRING**
- C. 120V/24VDC REMOTE POWER SUPPLY WITH IN-WALL MOUNTING KIT
- D. 24VDC, CLASS 2 WIRING
- E. END CAP POWER CONNECTOR WITH 1" RECTANGLE CANOPY & J-BOX
- F. END CAP POWER CONNECTOR WITH 4.6" SQUARE SPLIT CANOPY
- G. CIRRUS T1 CHANNEL
- H. DEAD END CAP



LED on back of the channel

FIXTURE TYPE

DATE







			S & RECOMMENDED DIMMERS	
	PSB-40W-UNI-24VDC	PSB-60W-UNI-24VDC	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC
DRDERING CODE	0	\odot	0	0
				::
	0.0	0.0	0:0:01	0 0:0:0
			00	0
		SPECIFI	CATIONS	
AXIMUM LOAD	40W	60W	2X40W	2X60W
NPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
UTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"
LASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
-BAR MOUNTING	PSB-40W-UNI-24VDC-TB	PSB-60W-UNI-24VDC-TB	PSB-2X40W-UNI-24VDC-TB	PSB-2X60W-UNI-24VDC-TB
N-WALL MOUNTING	PSB-40W-UNI-24VDC-IW	PSB-60W-UNI-24VDC-IW	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW
-BAR CHICAGO PLENUM	PSB-40W-UNI-24VDC-TBCP	PSB-60W-UNI-24VDC-TBCP	PSB-2X40W-UNI-24VDC-TBCP	PSB-2X60W-UNI-24VDC-TBCP
		IINIVERSAL POWER SUPPLIES	S & RECOMMENDED DIMMERS	
	PSB-96W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-3X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
	F3D-30W-0NI-24VD0	F3B-2A30W-0NI-24VDC	F3D-3X30W-0MI-24VD0	F3D-4A30W-0M-24VDG
DRDERING CODE		0		
		:::	0 0 2	3 0 0 0
		0 0:0:0	0 0	0
			CATIONS	
NAXIMUM LOAD	96W	2X96W	3X96W	4X96W
NPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
DUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	9.25" X 3.5" X 2"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
F-BAR MOUNTING	PSB-96W-UNI-24VDC-TB	PSB-2X96W-UNI-24VDC-TB	PSB-3X96W-UNI-24VDC-TB	PSB-4X96W-UNI-24VDC-TB
N-WALL MOUNTING	PSB-96W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW		
-BAR CHICAGO PLENUM	PSB-96W-UNI-24VDC-TBCP	PSB-2X96W-UNI-24VDC-TBCP		
		FLV DIMMING	G & CONTROLS	
UTRON DIVA: DVELV-300P	•	•	•	•
UTRON SKYLARK: SELV-300P	•	•	•	•
	•	•	•	•
UTRON RADIO RA2: RRD-6NA	•	•	•	
UTRON MAESTRO: MAELV-600	•	•	•	•
EGRAND ADORNE: ADTP-703TUM4		•	-	•
		0-10 DIMMIN	G & CONTROLS	
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
UTRON DIVA: DVTV-WH, DVSTV-WH	•	•	•	•
UTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
UTRON RADIO RA2: RRD-10ND	•	•	•	•
EVITON: LEV40050	•	•	•	•
EVITON IP710-LFZ	•	•	•	•
EGRAND: ADPD4FBL3P2W4	•	•	•	•
			IG & CONTROLS	
UTRON SKYLARK: S2-L-WH	•	•	•	•
UTRON DIVA DVLV-600P-WH	•	•	•	•
UTRON DIVA DVLV-603P-WH	•	•	•	•
UTRON MAESTRO MALV-600-WH	•	•	•	•
UTRON MAESTRO MALV-1000-WH	•	•	•	•
UTRON MAESTRO MA-R-XX	•	•	•	•
Flicker free dimming		The Solid State Constant Voltage Uni-Power Sup	ply is compatible with most commercially available D	immers:
 Aluminum casing for optimal heat dissi 	pation	- Triac Dimmer: (Forward Phase) Typically used	for the dimming of Incandescent and Low Voltage Ma	gnetic Transformers
 Isolated output power per NEC and UL 			ctronic Low Voltage Transformers and Power Supplies	
UL & ETL recognized/ listed, meets UL			a 0-10 volt power supply commonly used in large scal	
 Auto-reset; short circuit, overload and t Class 2 power supply 	nermal protection	 The Uni-Power Supply is recommended with any Low Voltage Drivers. 	y Siemens/Murray brand of arc fault breaker to overco	ome the issues with tripping the breakers wi
 Efficient, High power factor > 0.90 		LOW YORAYO DITEIO.		
, , ,	to and overtome			
Title 24 with JA8 listed PureEdge produc	.5 and 5y5181115			
🔹 😙 T-BAR Mount	ing Kit: Includes power supply, box cover,	and T-bar hangers for	In-Wall Mounting Kit-	ncludes power supply, box cover and
	tion Box above ceiling with in easy reach.			ng Junction Box in wall. Select "IW" i
	les with quick secure connectors.			atible power supply ordering codes
			In-Wall Mounting Kit is r	
	es: PSB-40W-UNI-24VDC-TB, PSB-60W-L		10	
Ordering Cod	PSB-96W-UNI-24VDC-TB, PSB-2X40V	- [-	Draering Codes 8.5" x	14.25": PSB-40W-UNI-24VDC-IW
• Ordering Cod				PSB-60W-UNI-24VDC-IW
Ordering Cod	PSB-2X60W-UNI-24VDC-TB, PSB-2X9			DED OOM LINIL OW DO PHY
Ordering Cod	PSB-40W-UNI-24VDC-TBCP, PSB-60V	V-UNI-24VDC-TBCP		PSB-96W-UNI-24VDC-IW
Ordering Cod	PSB-40W-UNI-24VDC-TBCP, PSB-60V PSB-96W-UNI-24VDC-TBCP, PSB-2X4	V-UNI-24VDC-TBCP IOW-UNI-24VDC-TBCP	Ordering Codes 8.5" x	14.25": PSB-2X40W-UNI-24VDC-IW
Ordering Cod	PSB-40W-UNI-24VDC-TBCP, PSB-60V	V-UNI-24VDC-TBCP IOW-UNI-24VDC-TBCP	Ordering Codes 8.5" x	14.25": PSB-2X40W-UNI-24VDC-IW PSB-2X60W-UNI-24VDC-IW
Ordering Cod	PSB-40W-UNI-24VDC-TBCP, PSB-60V PSB-96W-UNI-24VDC-TBCP, PSB-2X4	V-UNI-24VDC-TBCP IOW-UNI-24VDC-TBCP	Ordering Codes 8.5" x	PSB-96W-UNI-24VDC-IW 14.25": PSB-2X40W-UNI-24VDC-IW PSB-2X60W-UNI-24VDC-IW PSB-2X96W-UNI-24VDC-IW
Ordering Cod	PSB-40W-UNI-24VDC-TBCP, PSB-60V PSB-96W-UNI-24VDC-TBCP, PSB-2X4	V-UNI-24VDC-TBCP IOW-UNI-24VDC-TBCP	Ordering Codes 8.5" x	14.25": PSB-2X40W-UNI-24VDC-IW PSB-2X60W-UNI-24VDC-IW

24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM

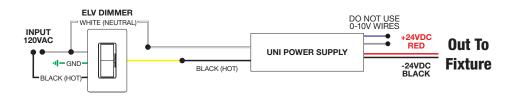


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WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

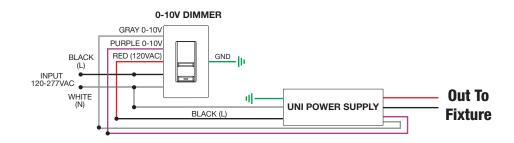
Application: ELV dimming for Static White and Warm Dim

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



Application: 0-10V dimming for Static White

Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTV-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX; Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ; Legrand: ADPD4FBL3P2W4

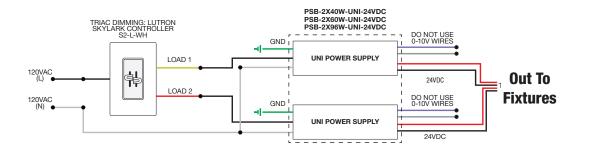


Application:

Triac dimming for two power supplies, use for Static White

Dimming:

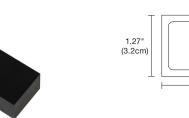
Dimmable with Triac dimmer: Lutron: Skylark S2-L

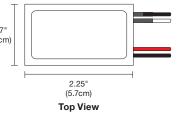


FIXTURE TYPE

INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLY

24VDC, PS-60L-ELV, DIMS TO 6%





Side View

DESCRIPTION

Compact, lightweight remote electronic LED Power Supply* converts standard 120VAC voltage to 24VDC and features a Soft Start, built in short circuit protection, overload protection, and thermal overload protection. The low voltage output may be dimmed using an electronic low voltage dimmer (Reverse Phase/Trailing Edge). The Power Supply is certified to be used inside a standard Junction Box enclosure. Indoor applications only. 40 watt options available for 240V and 277V inputs. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

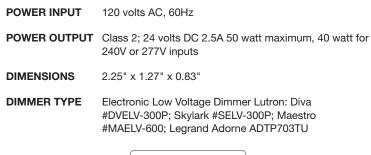
*Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use UNI driver power supplies with this breaker.

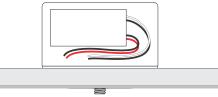
**ELV power supplies are not compatible with nLight, use only 0-10 volt or Uni driver power supplies

APPLICATIONS

Indoor*

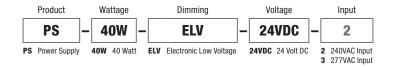
Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.







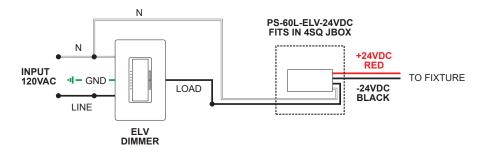




SAMPLE WIRING DIAGRAMS 24VDC ELV

Application: ELV dimming (Reverse Phase/Trailing Edge) for Static White

Dimming: Dimmable with ELV dimmer: Legrand Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



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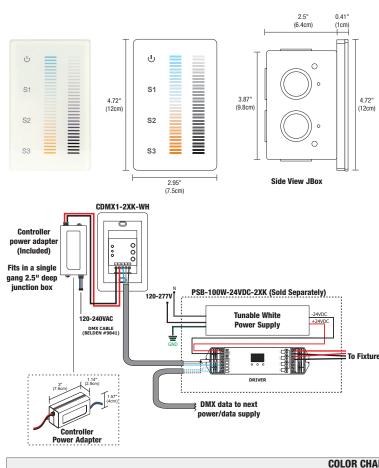
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REV 02.20.24

24VDC INDOOR CONSTANT VOLTAGE POWER SUPPLIES WITH DRIVERS



DESCRIPTION:

The Tunable White Touch Controller offers fast and accurate Color Temperature adjustment and the ability to regulate the Brightness Independently. The modern Glass faceplate features illuminated indicators, and a back-lit night light that softly illuminates the controller when powered off. Designed for Tunable White, and dual-color LED installations within a single zone. The two Vertical Touch sliders are precise and sensitive. allowing you to fine-tune your perfect Color Temperature at any point between 2000K (Sunset) to 6500K (Daylight White) while selecting over 250 levels of Brightness in a smooth, uninterrupted transition. Create Thousands of White Color Combinations while maintaining even Brightness and overall saturation. Easily save three pre-set scenes for different times of the day. Support health, performance, and general well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle using the latest in LED technology. Includes a power adapter that fits behind the controller within a standard junction box and fits inside a standard single-gang receptacle (not for use in a multi-gang box). Use with an insulated, 24 AWG stranded, tinned copper wire (Belden #9841), Power Supplies are Sold Separately. Includes a 5 year pro-rated warranty. To determine the necessary wire gauge use our Voltage Drop Calculator. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

APPLICATIONS: Indoor INSTALLATION: Fits in a single gang 2.5" deep junction box. Not compatible with multi-gang boxes.

OUTPUT SIGNAL: USITT DMX 512 (1990)

LABELS: ROHS, FCC, Damp Location, ETL/ UL

POWER INPUT:		Product		Туре		Finish		
120-240VAC			CDMX1 -	•	2XK	-[WH	
		CDMX1	DMX Single Zone Touch Controller	2XK	Tunable White	١	WH White	
COLOR CHA	ANGING (DMX) POWER SUPP	LIES						

		COLON CRANCING (DI	VIA) FUWEN JUFFLIEJ	
	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
ORDERING CODE	5	a a a see	o o o service	
		SPECIFI	CATIONS	
MAXIMUM LOAD OF Led Strip Length	100W 5 WATTS - 20FT MAX. 10 WATTS - 10FT MAX.	20FT MAX. 5 WATTS 2 X 20FT MAX. 5 WATTS 3 X 20FT MAX.		4X100W 5 WATTS 4 X 20FT MAX. 10 WATTS - 4 X 10FT MAX.
NPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
DUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 6.48" X 2.18"	14" X 10" X 3"	17" X 10" X 3"	17" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-100W-24VDC-2XK-TB	PSB-2X100W-24VDC-2XK-TB	PSB-3X100W-24VDC-2XK-TB	PSB-4X100W-24VDC-2XK-TB
IN-WALL MOUNTING	PSB-100W-24VDC-2XK-IW	NA	NA	NA
T-BAR CHICAGO PLENUM	PSB-100W-24VDC-2XK-TBCP	PSB-2X100W-24VDC-2XK-TBCP PSB-3X100W-24VDC-2XK-TBCP		PSB-4X100W-24VDC-2XK-TBCP
		DMX TUNABLE WHITE	DIMMING & CONTROLS	
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	•	•	•	•
	al heat dissipation IEC and UL safety requirements I, meets UL 8750, 1310 requirements	Class 2 p	et; short circuit, overload and thermal protection ower supply High power factor > 0.90	
	and T-bar hangers for	(21.6cm (21.6cm -2XK-TB -2XK-TB -2XK-TB KK-TBCP -2XK-TBCP -2XK-TBCP	power for ins "IW" ir power Mount (35.5cm) Order	14" In-Wall Mounting Kit: Include supply, box cover and stud hanger talling Junction Box in wall. Select to the options section of compatible supply ordering codes if an In-Wal ing Kit is needed. Ing Codes: 00W-24VDC-2XK-IW

PROJECT

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FIXTURE TYPE

PSB-4x100W-24VDC-2XK-TBCF

DATE

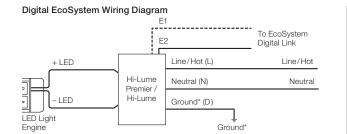
INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

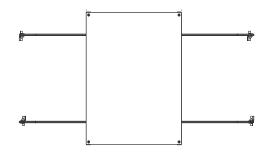
24VDC LUTRON ECOSYSTEM, STATIC WHITE



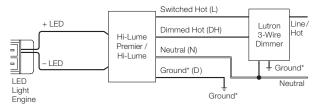
REV 02.20.24

	SPECIFICATIONS									
	LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®† L3D0-96W24V-U	2-WIRE FORWARD PHASE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240							
ORDERING CODES										
MAXIMUM LOAD	0014	EW 40W	EW ADW							
	96W	5W-40W	5W-40W							
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC							
OUTPUT VOLTAGE	24VDC	24VDC	24VDC							
DIMENSIONS	10.5" X 5.5" X 2"	4" X 4.89" X 2.62"	4" X 4.89" X 2.62"							
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2							
T-BAR MOUNTING	L3D0-96W24V-U-TB	NA	NA							
T-BAR CHICAGO PLENUM	L3D0-96W24V-U-TBCP	NA	NA							
		DIMMING AND CONTROLS								
RADIO RA2	٠	•	•							
HOMEWORKS QS 2-WIRE/3-WIRE	•	•	•							
PHPM-3F-120	•	•	•							
PHPM-3F-DV	•	•	•							





3-Wire Wiring Diagram



T-BAR Mounting Kit: Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

Ordering Code: L3D0-96W24V-U-TB L3D0-96W24V-U-TBCP (Chicago Plenum)

24VDC WITH DMX DRIVER, RGB & RGB+W

REV	11.0	8.21

COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS									
	PSB-100W-24VDC-RGB	PSB-2X100W-24VDC-RGB	PSB-3X100W-24VDC-RGB	PSB-4X100W-24VDC-RGB					
ORDERING CODE	5 : : : 5 0:0:0	3 0 0	a a a a da	and a constant					
SPECIFICATIONS									
MAXIMUM LOAD	100W	2X100W	3X100W	4X100W					
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC					
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC					
DIMENSIONS	12.14" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	17" X 13" X 3"					
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2					
T-BAR MOUNTING	PSB-100W-24VDC-RGB-TB	PSB-2X100W-24VDC-RGB-TB	PSB-3X100W-24VDC-RGB-TB	PSB-4X100W-24VDC-RGB-TB					
IN-WALL MOUNTING	PSB-100W-24VDC-RGB-IW	N/A	N/A	N/A					
T-BAR MOUNTING (T-BAR CHICAGO PLENUM)	PSB-100W-24VDC-RGB-TBCP	PSB-2X100W-24VDC-RGB-TBCP	PSB-3X100W-24VDC-RGB-TBCP	PSB-4X100W-24VDC-RGB-TB					
		DIMMING &	CONTROLS						
TOUCH SCREEN CONTROLLER (CTP)	•	•	•	٠					
COLOR DIAL CONTROLLER (CDP)	•	•	•	٠					
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	•	•	•	٠					

RECOMMENDED CONTROLLERS

4.27"

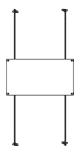
(12cm)

CDMX1-RGBW

D

82

¢



T-BAR MOUNTING KIT

0

₽

25

2 0" (7.5cm)

Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

ORDERING CODES: PSB-100W-24VDC-RGB-TB PSB-2X100W-24VDC-RGB-TB PSB-3X100W-24VDC-RGB-TB PSB-4X100W-24VDC-RGB-TB PSB-100W-24VDC-RGB-TBCP PSB-2X100W-24VDC-RGB-TBCP PSB-3X100W-24VDC-RGB-TBCP

1.16

(2.9cm

PSB-4X100W-24VDC-RGB-TBCP

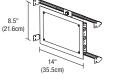
2.95"

(7.5cm)

1 72'

(4.4cm

0.41" ₿∏ (1.0cm)



8.5" X 14" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Use ordering code in the In-Wall Mounting row of the specification table if an In-Wall Mounting Kit is needed.

ORDERING CODES: PSB-100W-24VDC-RGB-IW

DESCRIPTION

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 1 zone controller can adjust RGB & RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

APPLICATIONS Indoor

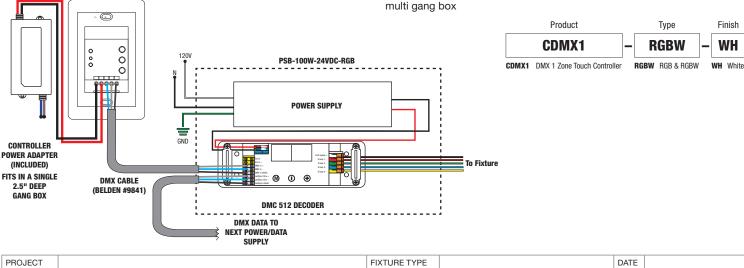
INSTALLATION

120-277VAC

POWER INPUT

OUTPUT SIGNAL USITT DMX 512 (1990)

Fits in a single gang 2.5" deep junction box, not to be used with a multi gang box





COLOR TOUCH SCREEN CONTROLLER WITH POWER ADAPTER, TUNABLE WHITE, RGB & RGB+W



REV 11.08.21

4.17" (106 mm) 4 78% Pre Scene Dimme (interest 3 5 75' (146 mm) (P) 1

4.17" (106 mm) 0.4" (10 mm) (0)) D \bigcirc) b 5.75' ((* (146 mm) Ð)) (63 0.4" - 🖪 😐 👄 (10 mm)

PROJECT

DESCRIPTION

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 10 zone controller can adjust Tunable White, RGB and RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

FEATURES AND BENEFITS **KEY FEATURES:**

- Sleek glass design which sits 11mm from the wall
- · Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing •
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection •
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control
- RS232, Dry Contact Ports and an Infra Red input port
- · Clock and calendar with Sunrise/Sunset triggering
- Network communication. Control lighting remotely
- Catalog of designs including black and white glass
- OEM customization of the color palette and logo
- · Windows/Mac software to set dynamic colors/effects
- iPhone/iPad/Android remote and programming apps

APPLICATIONS

Indoor

POWER ADAPTER

9VDC 0.65A (included)

POWER INPUT 7VDC 0.6A

OUTPUT SIGNAL

DMX512 1,024 channels total

INPUT SIGNAL

Universal IR receiver (Sold Separately), RS232, Contact Closure, Live Computer Link, DMX512, WiFi

CONNECTIONS

USB, Ethernet, RS232, Clock, 8 dry contact ports, open drain output

MEMORY

microSD (32GB Max)

COMPUTER AND MOBILE DEVICE REQUIREMENTS **IPHONE/IPAD/ANDROID:**

The controller may be used with any of the following apps: DMX Lightpad 3, Easy Remote and Arcolis may be downloaded from App Store or Google Play.

ESA PRO SOFTWARE (WINDOWS ONLY, TIMELINE AND MULTI-ZONE):

Windows ME, XP, Vista, 7 or 8 (32 bits and US 2.0, computer connection required for initial setup only.)

ESA2 SOFTWARE (WINDOWS/MAC, SINGLE ZONE):

Windows ME, XP, Vista, 7 or 8

Mac OS X 10.7 (Lion), 10.8 (Mountain lion), 10.9 (Mavericks), 10.10 (Yosemite)

Product		H	nish
СТР	-	E	SK
Touch Screen Controller with Power Adapter		BK WH	Black White

CTP Color

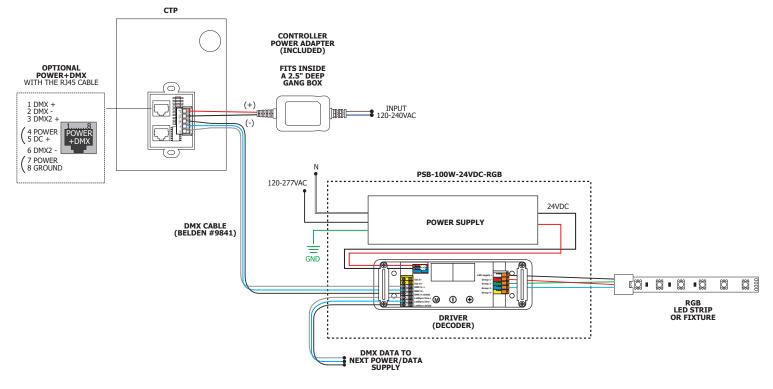
FIXTURE TYPE DATE



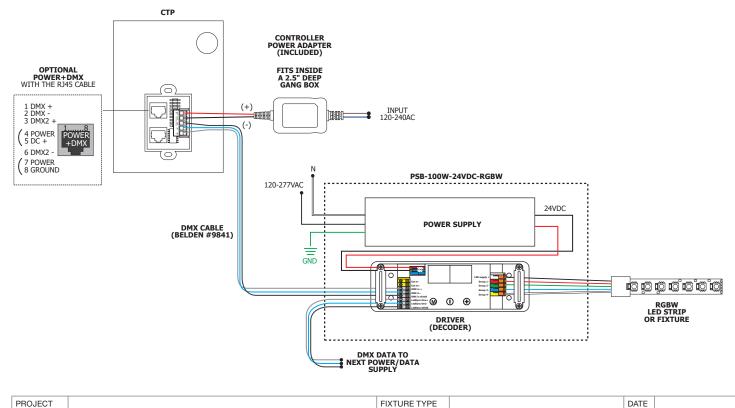


REV 11.08.21

RGB Wiring Diagram



RGBW Wiring Diagram



PROJECT

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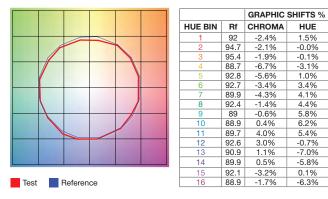
DATE

REV 03.12.24

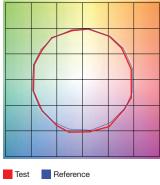
TM-30-15 DATA: The data below is for bare LED Static White Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

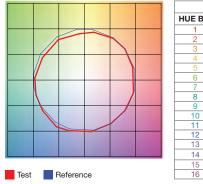


3000K | Rf: 88.1 | Rg: 99.7 Color Vector Graphic



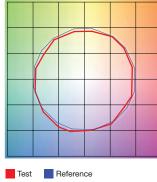
			GRAPHIC	SHIFTS %
	HUE BIN	Rf	CHROMA	HUE
-	1	92.5	-3.1%	0.3%
	2	93.3	-2.3%	1.9%
	3	90.9	-0.8%	3.9%
	4	94.3	-1.1%	1.4%
	5	92.5	-2.6%	1.5%
	6	96.4	1.2%	-0.3%
	7	92.6	-2.5%	-0.0%
	8	96.9	-1.4%	0.2%
-	9	92.3	-1.8%	4.3%
	10	86.6	-0.7%	7.0%
	11	86.5	2.4%	8.2%
	12	89.8	5.9%	1.7%
	13	93.9	2.6%	-2.7%
	14	89.4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

4000K | Rf: 87.6 | Rg: 96.8 Color Vector Graphic



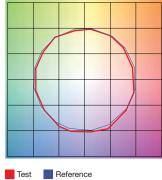
		GRAPHIC SHIFTS %		
HUE BIN	Rf	CHROMA	HUE	
1	88.9	-2.4%	2.5%	
2	93.3	-0.4%	0.8%	
3	94.8	-1.0%	-0.6%	
4	87.9	-4.9%	-3.6%	
5	85.3	-9.4%	-2.6%	
6	90.2	-6.0%	0.2%	
7	85.3	-7.6%	4.6%	
8	83.7	-4.1%	8.2%	
9	79.5	-1.1%	13.8%	
10	78.6	1.5%	12.1%	
11	83.5	6.4%	7.8%	
12	90.9	3.6%	-1.1%	
13	88.3	1.7%	-6.3%	
14	91.9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

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%	

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%	

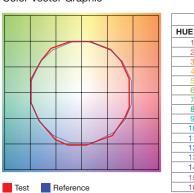
PROJECT

FIXTURE TYPE

REV 03.12.24

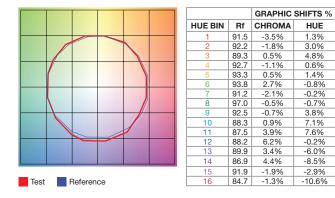
TM-30-15 DATA: The data below is for bare LED Warm Dim Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

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



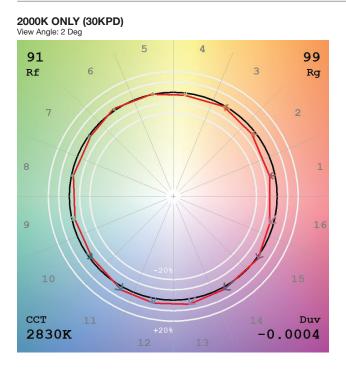
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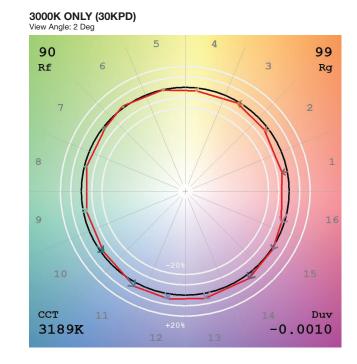
For custom design and layout assistance, send drawings to design@PureEdgeLighting.com

PURE EDGE Pure Smart Lighting

REV 03.12.24

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.



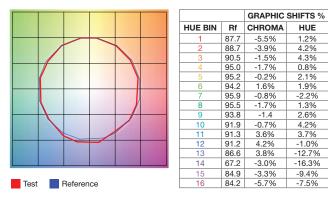


FIXTURE TYPE

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

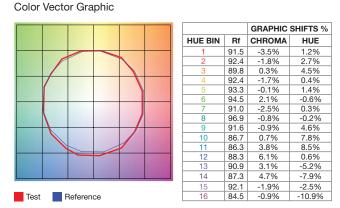


4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1

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%
Test Reference	16	82.8	-2.2%	-7.6%

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

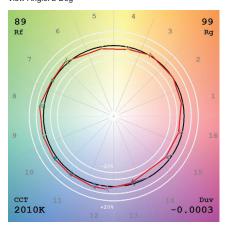




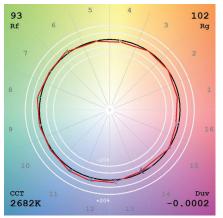
REV 03.12.24

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

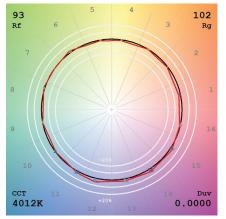
2000K (TruColor[™] RGBTW) View Angle: 2 Deg



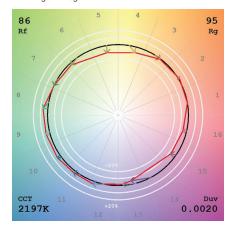
2700K (TruColor™ RGBTW) View Angle: 2 Deg



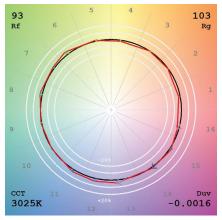
4000K (TruColor[™] RGBTW) View Angle: 2 Deg



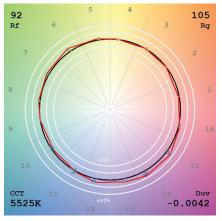
2200K (TruColor[™] RGBTW) View Angle: 2 Deg



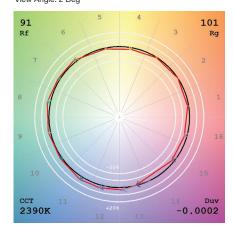
3000K (TruColor[™] RGBTW) View Angle: 2 Deg



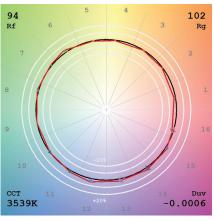
5700K (TruColor[™] RGBTW) View Angle: 2 Deg



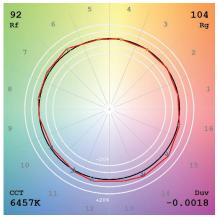
2400K (TruColor[™] RGBTW) View Angle: 2 Deg



3500K (TruColor™ RGBTW) View Angle: 2 Deg



6500K (TruColor[™] RGBTW) View Angle: 2 Deg



PROJECT

FIXTURE TYPE

DATE

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