LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
PureSmart Lighting

MADE IN AMERICA   REV 03.26.25

LCS.3 LIGHT CHANNEL 100° DIFFUSED LENS WITH LAZER STRIP
Diffused Lens provides a greater dispersion of light levels without pixelation

LCS.3 LIGHT CHANNEL 100° DIFFUSED LENS WITH TRUCOLOR™ RGBTW
Diffused Lens provides a greater dispersion of light levels with some visible pixelation

LCS.3 LIGHT CHANNEL 100° CLEAR LENS WITH LAZER STRIP
Clear Lens provides maximum light levels without pixelation

LCS.3 LIGHT CHANNEL 100° CLEAR LENS WITH TRUCOLOR™ RGBTW
Clear Lens provides maximum light levels with visible pixelation

0.35"
(0.9cm)

0.7"
(1.8cm)
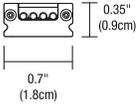
DESCRIPTION
Functional and Architectural, our new generation of 0.3" DIY (Do-It-Yourself) light channel delivers smooth, continuous light without pixelation, using our patented Lazer Strip with remote phosphor technology. The diffused lens also ensures pixel-free illumination when paired with Soft Strip. The slim and shallow profile is less than 3/8" high, field-cuttable, and available with three lens options. Offered in a broad range of wattages and color temperatures, including Static White (**2400K – 4000K**), Monochromatic Color (**RZ, BZ, GZ, AZ**), Tunable White (**2K6K**), Dynamic **RGB** (all color temperatures with Lazer Strip), and TruColor™ **RGBTW** (RGB with Tunable White 1500K – 6500K), featuring our proprietary 5-channel color-changing technology. 24VC, Class 2 remote power supplies can be located up to 40 feet away. 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
- Cut and assemble in field
- Available with Solderless Pin Connections or with 6' Soldered Leads
- 24VDC LED Strip offers excellent color-rendering
- 5 oz of copper provides better heat dissipation, less voltage drop
- Surface mount channel sold in 2', 4', 5', 8' and 10' increments

REQUIRED COMPONENTS (SOLD SEPARATELY)
- Light Channel 0.3" Surface Mount and Lens (Mounting Clips included)
- End Caps (sold in pairs)
- 24VDC Light Channel Power Connector
- 24VDC LED Soft/Stomp Strip or Lazer Strip

LENS OPTIONS
- (**C**) 100° Clear Lens provides maximum illumination use of a 40° transparent lens
- (**D**) 100° Diffused White Lens projects clean lines of light
- (**G**) Diffused Lens with gel color (**PROVIDED BY CUSTOMER**) Clear and Diffuser Lens are Gel Color Filter Suitable allowing for color personalization. Zircon LED Gel filters recommended. Purchase Gel Lens from www.leefilters.com. See manufacturer spec sheet for more information.

*Diodes will not be visible with any Lazer Strip COB. TruColor™ RGBTW will show pixelation with clear lens and minimal pixelation with diffused lens.

LED STRIP OPTIONS
Static White: From 2400K to 4000K
Monochromatic Color: Red, Green, Blue and Amber
Tunable White (**2K6K**)
Dynamic Red, Green and Blue (**RGB**)
TruColor™ RGBTW Color Changing RGB with Tunable White
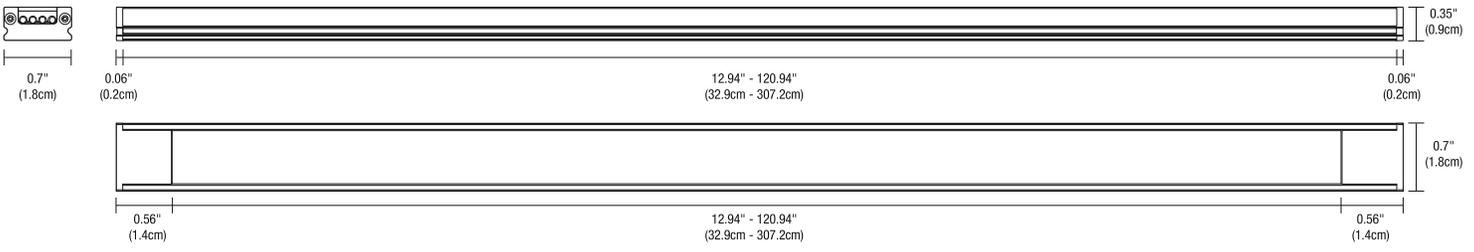**1500K-6500K**

APPROVALS/COMPLIANCE
*Title 24 JA8 listed for 2700K CCT and above when used with PureEdge remote Universal power supplies, ETL, Class 2, Damp Location, Made in USA.

APPLICATIONS
- DIY systems engineered for the weekend warrior or the master electrician
- Provides maximum light levels for task and general illumination
- Indoor only.

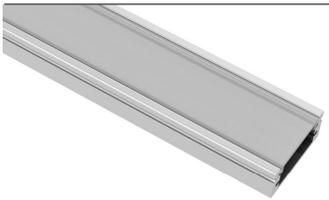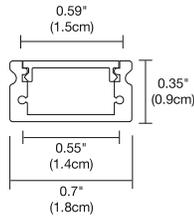| PROJECT		FIXTURE TYPE		DATE	

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
PureSmart Lighting

0.35" (0.9cm)

0.7" (1.8cm) | 0.06" (0.2cm) | 12.94" - 120.94" (32.9cm - 307.2cm) | 0.06" (0.2cm)

0.7" (1.8cm)

0.56" (1.4cm) | 12.94" - 120.94" (32.9cm - 307.2cm) | 0.56" (1.4cm)
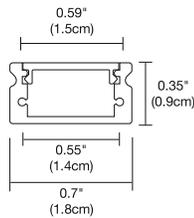
REQUIRED COMPONENTS: Select Light Channel .3 Surface Mount option, End Caps and Power Connector based on lighting design.

C LCS.3 Light Channel Clear Lens
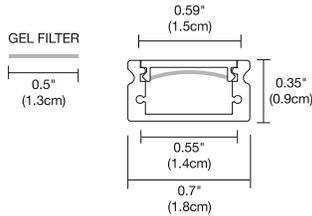
0.59" (1.5cm)
0.35" (0.9cm)
0.55" (1.4cm)
0.7" (1.8cm)

D LCS.3 Light Channel Diffused Lens

0.59" (1.5cm)
0.35" (0.9cm)
0.55" (1.4cm)
0.7" (1.8cm)

G LCS.3 Light Channel Diffused Lens with Gel Color Filter (provided by customer)

GEL FILTER
0.5" (1.3cm)
0.59" (1.5cm)
0.35" (0.9cm)
0.55" (1.4cm)
0.7" (1.8cm)

LIGHT CHANNEL .3 SURFACE MOUNT

Start the ordering process by selecting the desired length and lens option. Then order the LED Strip, End Caps and Power Feed. At 0.35 inches tall the channel is low profile, made of paintable aluminum, and fits a 24VDC LED Strip inside. The channel and lens may be cut in the field, and may be joined together using Wago lever nuts. Mounting Clips are included with every 2' of channel, and may be ordered separately as replacement parts. The Clear Lens provides maximum light levels and will show LED dots. The Diffuser Lens will reduce LED dots but will not eliminate them. To eliminate LED does use Light Channel .6 Surface Mount with a Diffuser Lens. Both the Clear and Diffused Lens are Gel Color Filter Suitable allowing for color personalization. Zircon LED Gel filters are recommended and can be purchased from the dealer www.leefilters.com. Gel filter life is 5,000 hours before needing to be changed.

System	Length in Feet	Lens	Finish
LCS.3	**10FT**	**D**	**SA**

LCS.3 Light Channel 0.3" Surface Mount	**2FT** 2 Feet **8FT*** 8 Feet **4FT** 4 Feet **10FT*** 10 Feet **5FT** 5 Feet *Ships LTL	**D** Diffused White Lens **C** Clear Lens	**SA** Satin Aluminum

END CAPS

End Caps are sold in pairs and provide a finished look at the end of a run as well as hold the required power connector.

Front View
0.35" (0.9cm)
0.7" (1.8cm)

Side View
0.35" (0.9cm)
0.06" (0.2cm)   0.56" (1.4cm)
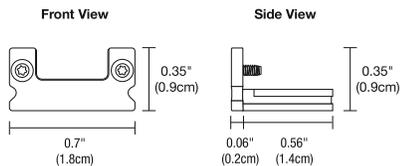
System	Product	Type	Finish
LCS.3	**PFE**	**CA**	**SA**
LCS.3 Light Channel 0.3" Surface Mount	**PFE** Power Feed	**CA** End Caps	**SA** Satin Aluminum

PROJECT		FIXTURE TYPE		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

2

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT
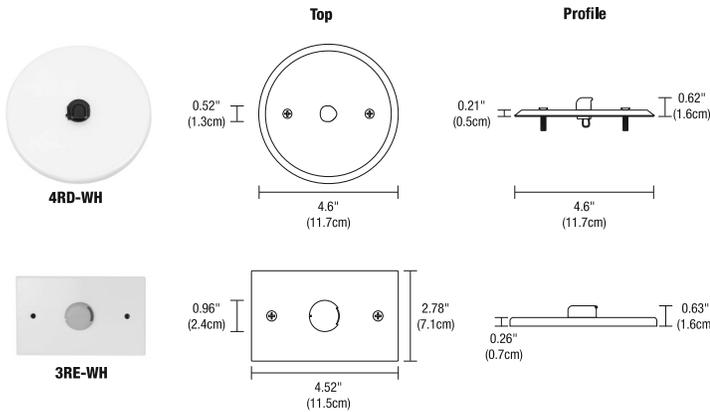## 24VDC LED TUNABLE WHITE & RGB

LIGHT CHANNEL SURFACE MOUNT SYSTEM OVERVIEW: TRADITIONAL DIMMING, 0-10, DMX AND DALI
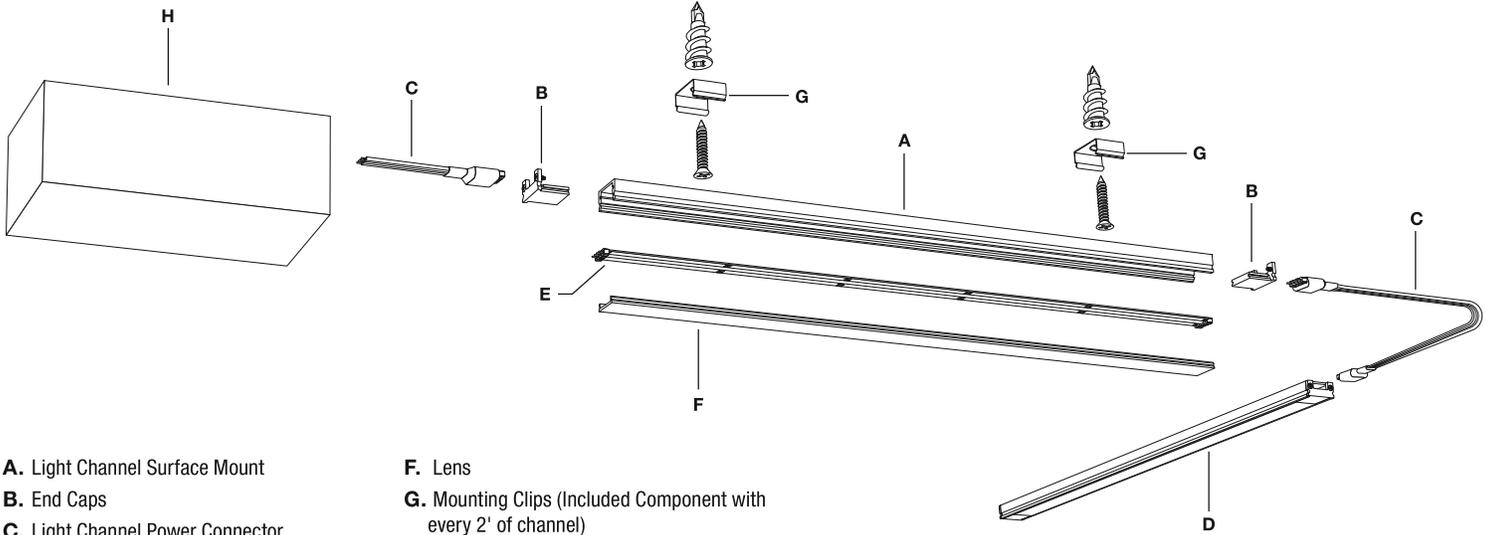
A. Light Channel Surface Mount

B. End Caps

C. Light Channel Power Connector

D. Light Channel Surface Mount Assembly

E. 24VDC LED Strip

F. Lens

G. Mounting Clips (Included Component with every 2' of channel)

H. Remote Power Supply

CANOPY COVER & SPLICE BOX
Use for remote located power supply. The 3 inch rectangle or 4 inch round white canopy covers the electrical box and feeds wires for Light Channel. The Splice Box provides a safe enclosure for low voltage connections.

4RD-WH

Top

0.52" (1.3cm)

4.6" (11.7cm)

Profile

0.21" (0.5cm)

0.62" (1.6cm)

4.6" (11.7cm)

3RE-WH

0.96" (2.4cm)

2.78" (7.1cm)

0.26" (0.7cm)

0.63" (1.6cm)

4.52" (11.5cm)

Product		Finish
3RE	–	**WH**

| **3RE** 3" Rectangle Canopy Cover | **WH** White |
| **4RD** 4" Round Canopy Cover | |

JUNCTION BOX
Low voltage Splice Box with connectors.

1.95" (5cm)

2.57" (6.5cm)

Top

2.23" (5.7cm)

4.2" (10.7cm)

Profile
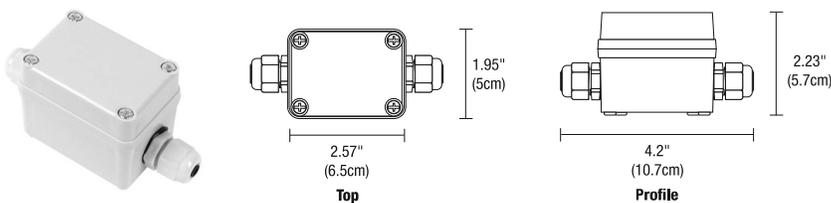
Product	Type	Option
2RE	**JBOX**	**W**
2RE 2" Rectangle	**JBOX** Junction Box	**W** Wet Location

PROJECT		FIXTURE TYPE		DATE	

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LIGHT CHANNEL SURFACE MOUNT SYSTEM OVERVIEW: WiZ

2 Conductor Class 2, 14 AWG

Room Controller   Mobile App   Dashboard   Voice Control

PSBR-96W-24VDC
96W Power Supply

4 Gang Junction Box with Bridge Box

C   B   H   G   A   G   B   C   E   F   D
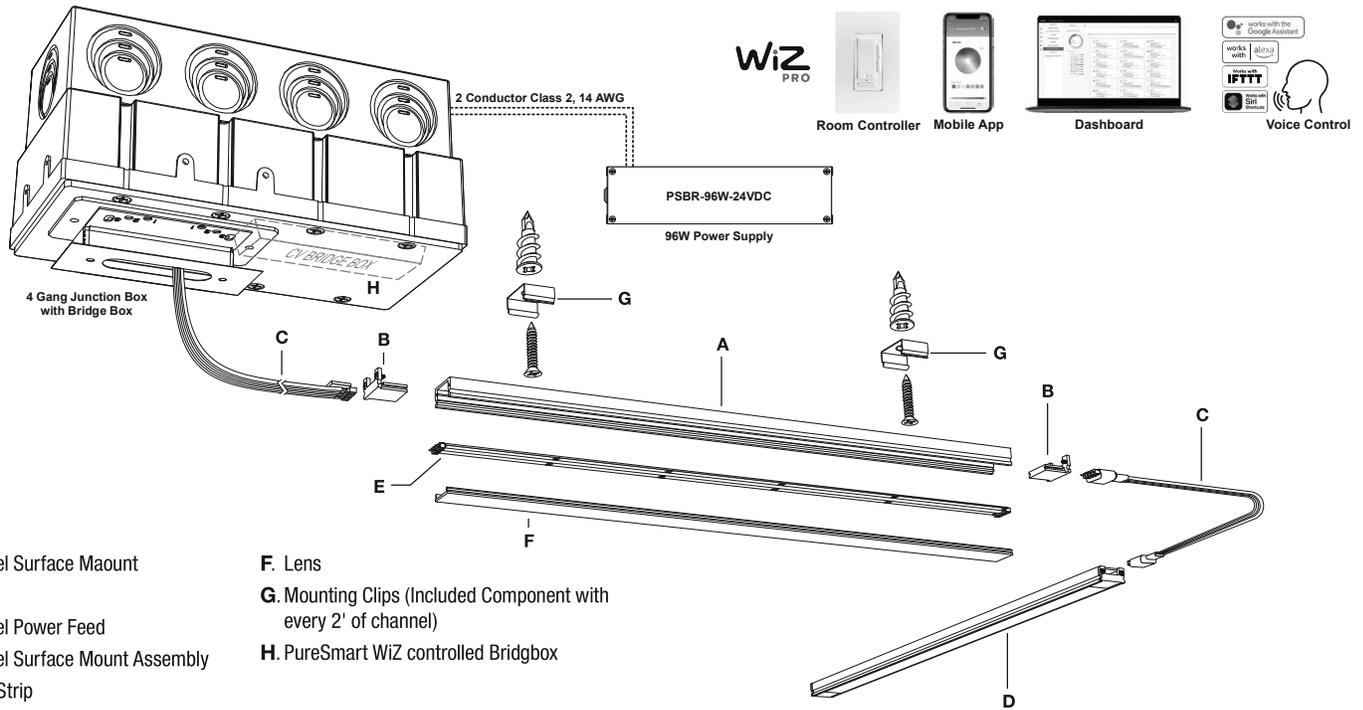
A. Light Channel Surface Maount

B. End Caps

C. Light Channel Power Feed

D. Light Channel Surface Mount Assembly

E. 24VDC LED Strip

F. Lens

G. Mounting Clips (Included Component with every 2' of channel)

H. PureSmart WiZ controlled Bridgbox

NETWORK TOPOLOGY

SMART PHONE
WiZ APP

DESKTOP/LAPTOP COMPUTER
WiZ PRO DASHBOARD

works with the Google Assistant
works with alexa
Works with IFTTT
Works with Siri Shortcuts
VOICE CONTROL

------- Wireless 2.4GHZ Wi-Fi
------- Direct Communication
——— Hardwired

WI-FI ROUTER

SETTINGS SAVED IN THE EVENT OF POWER LOSS

TRAVEL

LOCAL WI-FI

PSBR-96W-24VDC
24VDC   120VAC
96W POWER SUPPLY
+ -
L
N
120-277VAC INPUT

CLASS 2 WIRING
REMOTE WiZ CV BRIDGE BOX (TC, TW, and DW)
ASSOCIATED LOAD TC, TW, AND DW
PLASTIC 4 GANG JUNCTION BOX

CLASS 2 WIRING
REMOTE WiZ UR BRIDGE BOX (TC, TW, and DW)
ASSOCIATED LOAD TC, TW, AND DW
PLASTIC 4 SQUARE DEEP JUNCTION BOX

PURE SMART ROOM CONTROLLER
CWW-TW-SCENE-WH

OPTIONAL HARDWIRED LOAD FOR 120VAC ONLY (600W MAX)
L   L
N   N
120V INPUT

PURE SMART ROOM CONTROLLER
REMOTE - BATTERY POWERED
CWR-TW-SCENE-WH

(MAY ALSO BE USED WITH 3-WAY)

PROJECT		FIXTURE TYPE		DATE	

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LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
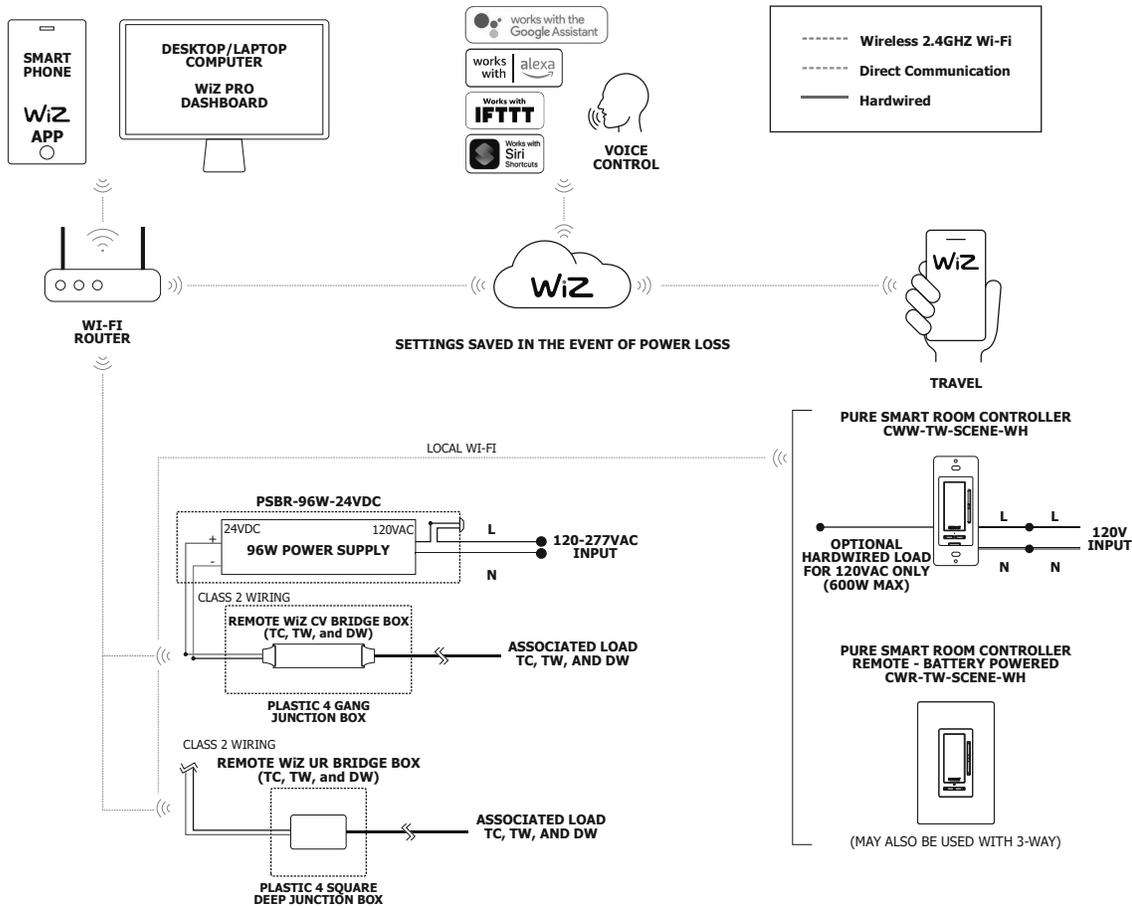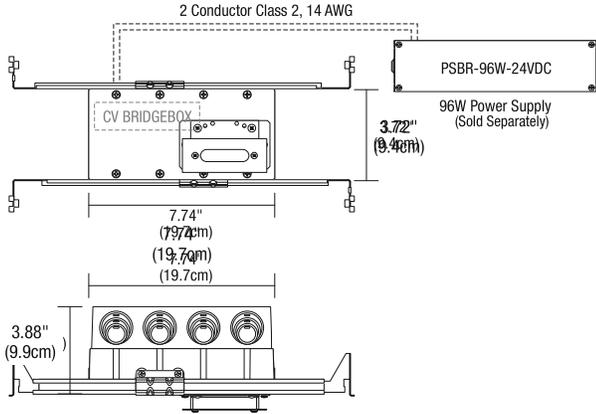PureSmart Lighting

TRUCOLOR™ RGBTW COMPONENTS

2 Conductor Class 2, 14 AWG

PSBR-96W-24VDC

CV BRIDGEBOX

96W Power Supply
(Sold Separately)
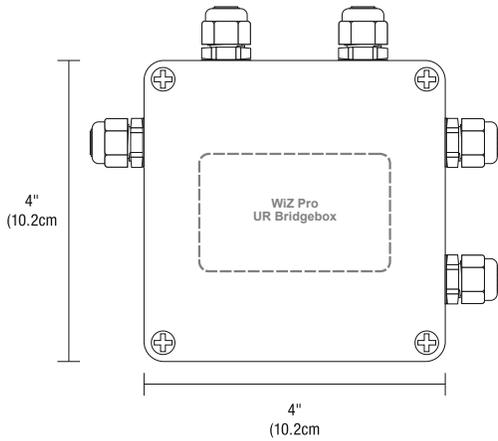
3.72"
(9.4cm)

7.74"
(19.7cm)

3.88"
(9.9cm)

1" RECTANGLE CANOPY WITH 4 GANG JUNCTION BOX AND PURE SMART WIZ PRO CV BRIDGEBOX

The slim profile 1RE Canopy with a 4-gang Junction Box features adjustable hanger bars and a Pure Smart WiZ Pro CV Bridgebox for wireless control of your CCT selection. It requires two Class 2, 14AWG stranded conductors from the Remote Power Supply, which can be up to 40 feet away.

System	Canopy	Wattage	Control	Color Temperature	System Code
BR	**1RE4G**	**96W**	**WZ**	**TC5W5**	**LC**

BR Bridgebox Remote	1RE4G 1" Rectangle Canopy with 4 Gang Junction Box	96W 96 Watts	WZ WiZ Pro Connected CV Smart Bridgebox Included	DW Static White TW Tunable White TC5W5 TruColor™ 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ 5 watts RGB & 7 watts Tunable White	LC Light Channel

4"
(10.2cm)

WiZ Pro
UR Bridgebox

4"
(10.2cm

### T BAR DROP CEILING SURFACE 4" SQUARE GANG JBOX AND PURE SMART WIZ PRO UR BRIDGEBOX

The 4" Square Junction Box, positioned above the T-bar ceiling, includes connectors for fast and secure connections to the fixture and the Pure Smart WiZ Pro 96 watt UR Bridgebox. Requires two Class 2, 14 AWG stranded conductors from the Remote Power Supply, which can be up to 40 feet away. Quick shipping is available for rough-in installations

Type	Component	Wattage	Control System	Color Temperature Options	System
BR	**4SQ**	**96W**	**WZ**	**TC5W5**	**LC**

BR Bridgebox Remote	4SQ 4 Square Junction Box, 1 to 5 connector outputs	96W 96 Watts	WZ WiZ pro Connected UR Smart Bridge box Included	DW Static White TW Tunable White TC5W5 TruColor™ 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ 5 watts RGB & 7 watts Tunable White	LC Light Channel

7.74"
(19.7cm)

3.72"
(9.4cm)

7.74"
(19.7cm)

3.88"
(9.9cm)

1" RECTANGLE CANOPY & 4 GANG JUNCTION BOX

The junction box is concealed by the fixture for a clean, canopy-free appearance. Includes a 4-gang junction box with adjustable bar hangers and a goof plate to correct any plastering imperfections around the junction box. Quick shipping is available for rough-in installations.
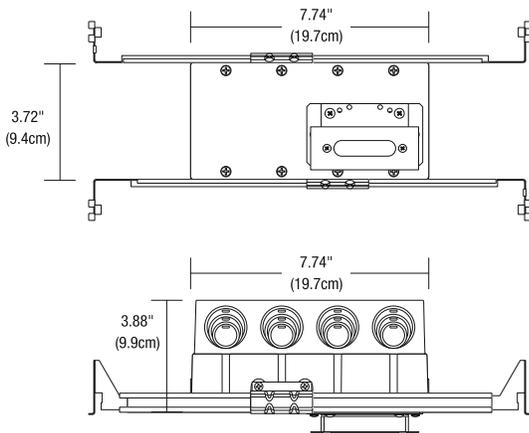
Type	Component	Ceiling/Wall Type
C	**1RE**	**JB4G**

C Channel	1RE 1" Rectangle End Feed	JB4G 4 Gang Junction Box

PROJECT		FIXTURE TYPE		DATE	

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT
24VDC LED TUNABLE WHITE & RGB

CV BRIDGE BOX ONLY

The Pure Smart™ Class2 wiring Type, for use in tight spaces like a cabinet. CV96W RGBTW Bridgebox enables wireless control of a constant voltage, 5 Channel RGBTW LED load with the WiZ Pro wireless control ecosystem. For use with Non-Dim PSB (PSBR-96W-24VDC).

Product	Wattage	Color Temperature Options	System
BR	**CV96W**	**TC5W5**	**LC**

Product	Wattage	Color Temperature Options	System
BR Bridgebox	**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	**LC** Light Channel

PURE SMART/WIZ PRO UR BRIDGEBOX

The Phillips WiZ Pro Type UR RGBTW Bridgebox is a low voltage Class 2 wireless control module allowing for 5 Channel (RGBTW) full color control within the WiZ Pro wireless control ecosystem. Same as UR but with mounting holes. 24V input voltage For use with Non-Dim PSB (PSBR-96W-24VDC).

Type	Color Temperature Options	System
BRBOX — **UR96W**	**TC5W5**	**LC**

Type		Color Temperature Options	System
BRBOX Bridgebox	**UR96W** 96 Watts	**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	**LC** Light Channel

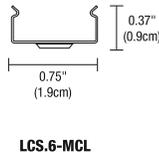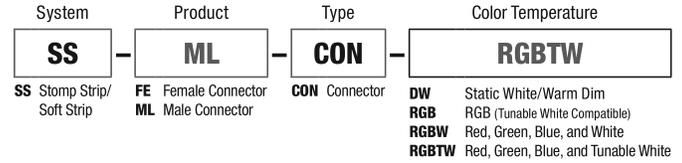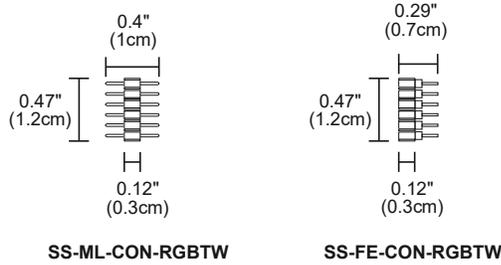| PROJECT		FIXTURE TYPE		DATE	

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24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
PureSmart Lighting

Accessories: Indoor Light Channel .3 Surface Mount, order based on lighting design or as replacement parts

0.4"
(1cm)

0.47"
(1.2cm)

0.12"
(0.3cm)

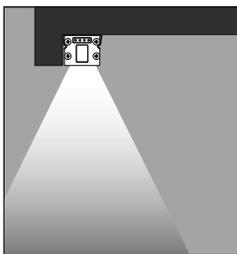**SS-ML-CON-RGBTW**

0.29"
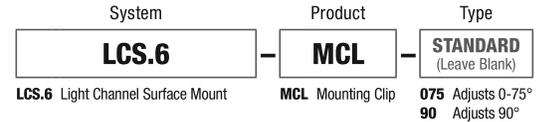(0.7cm)

0.47"
(1.2cm)

0.12"
(0.3cm)

SS-FE-CON-RGBTW

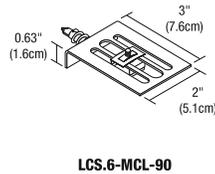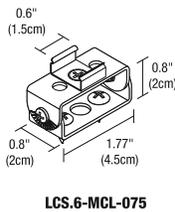## PIN CONNECTORS
Extra soldering pin connectors. Male and female.

System	Product	Type	Color Temperature
SS	**ML**	**CON**	**RGBTW**

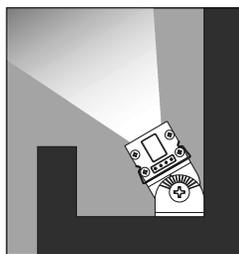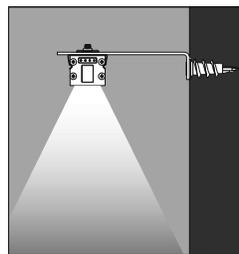| System	Product	Type	Color Temperature	
SS Stomp Strip/ Soft Strip	**FE** Female Connector **ML** Male Connector	**CON** Connector	**DW** Static White/Warm Dim	
			RGB RGB (Tunable White Compatible)	
			RGBW Red, Green, Blue, and White	
			RGBTW Red, Green, Blue, and Tunable White	

MOUNTING CLIPS
LC-MCL mounting clips are provided with every two feet of Light Channel and may be ordered separately as replacement parts. The LC-MCL-075 rotates Light Channel up to 75 degrees. LC-MCL-90 mounts Light Channel at a 90 degree angle.

LCS.6-MCL

0.37"
(0.9cm)

0.75"
(1.9cm)

LCS.6-MCL

0.6"
(1.5cm)

0.8"
(2cm)

0.8"
(2cm)

1.77"
(4.5cm)

LCS.6-MCL-075

3"
(7.6cm)

0.63"
(1.6cm)

2"
(5.1cm)

LCS.6-MCL-90

System	Product	Type
LCS.6	**MCL**	**STANDARD** (Leave Blank)

System	Product	Type	
LCS.6 Light Channel Surface Mount	**MCL** Mounting Clip	**075** Adjusts 0-75°	
		90 Adjusts 90°	

SHOWN WITH LCS.6-MCL

SHOWN WITH LCS.6-MCL-075

SHOWN WITH LCS.6-MCL-90

PROJECT		FIXTURE TYPE		DATE	

LAZER STRIP COB™
24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.26.25

PURE EDGE
PureSmart Lighting

24KZ - 2400K Amber White

27KZ - 2700K Very Warm White

30KZ - 3000K Warm White

35KZ - 3500K Neutral White

40KZ - 4000K Neutral White

RZ - Red

BZ - Blue

GZ - Green

AZ - Amber

RGB - Red, Green and Blue (5W only)

**2K4K -** 2000K-4000K Tunable White (5W only)

FEATURES & BENEFITS
- 148 LEDs per foot provide uniform light distribution without dots and low glare
- Solderless Pin Connectors reduce labor during installation
- Gold Plated Contacts prevent oxidation to ensure longevity of LEDs
- 3 oz of copper with 12 mm wide board provides better heat dissipation and less voltage drop
- 24VDC LED Lazer Strip is offered in Static White and Static Color options
- Solid State Power Supply offers 85-90% efficiency compared to magnetic at 80%.
- 50-watt power supply fits into J-Box (PS-60L-ELV-24VDC)

SPECIFICATIONS
- 24VDC LED Lazer Strip with 120° beam angle
- Available in 3.3 or 4.4 watts
- May be field-cut in 2.4" increments
- Sold in 1' long increments
- Class 2 Damp Listing; 100 watt limit per power supply

LAMP DATA
- Average life is 50,000 hours
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- Includes a 5-year pro-rated warranty

0.47"
(1.2cm)

+24V

2.4"
(6.1cm)
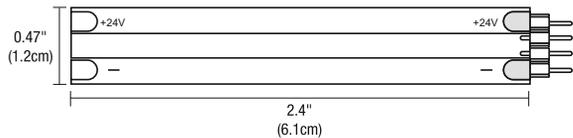
REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
- Home Integration Solutions

STATIC WHITE & MONOCHROMATIC COLOR
- UNI Driver: Universal Dimming **(TRIAC, ELV, 0-10V)**
- Electronic Low Voltage **(ELV)**† 50W (fits inside junction box)
- Lutron Hi-Lume®

TUNABLE WHITE
- Pure Smart™ WiZ Pro Power Supplies & Controls
- 0-10V Requires two dimmers, one for intensity and one for color temperature
- DMX & Controls

RGB
- DMX & Controls

*In-Wall Mounting Kits available for select power supplies
†ELV power supplies are not compatible with nLight, use only universal power supplies

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)

APPLICATIONS
- Indoor, damp, or dry locations
- Place on ceiling or wall
- Coves, toe-kicks, under cabinets and shelves, bookcases, drawers, pathways, accent lighting, task lighting, and general illumination

System		Component		Voltage		Length In Feet		Color Temperature		
LS3		**PIN**		**24V**		**30**		**24KZ**		
LS3 Lazer Strip Commercial, 3.3 watts per foot		**PIN** Pin Connector		**24V** 24 Volt		**1-30** 1-30 feet (LS3)		**24KZ** 2400K Very Warm White	**2K4K** 2000K-4000K Tunable White (5W Only)	
LS5 Lazer Strip Commercial, 4.4 watts per foot						**1-20** 1-20 feet (LS5)		**27KZ** 2700K Incandescent White	**RGB** Red, Green and Blue	
								30KZ 3000K Warm White	**AZ** Amber	
								35KZ 3500K Neutral White	**RZ** Red	
								40KZ 4000K Cool White	**BZ** Blue	
									GZ Green	

PROJECT		FIXTURE TYPE		DATE	

PURE EDGE LIGHTING

ACCESSORIES Order based on your lighting design specifications or as replacement parts

Static White/Monochromatic Color

.375"
(.95cm)

Tunable White

.47"
(1.19cm)

RGB

.47"
(1.19cm)

LIGHT CHANNEL POWER CONNECTOR
One Female Power Connector is included with each order of channel. For jumper connections, we recommend using WAGO 221 Lever Nuts according to your specific application requirements.

STATIC WHITE/MONOCHROMATIC COLOR

System	Type	Component	Length in Inches	Color Temperature
LS	**FE**	**CON**	**72IN**	**DW**
LS Lazer Strip	FE Feed Connector Cord	CON Connector	72IN 72 Inches	DW Static White

TUNABLE WHITE

System	Type	Length in Inches	Color Temperature
LS	**PFE**	**72IN**	**TW**
LS Lazer Strip	PFE Power Feed Connector Cord	72IN 72 Inches	TW Tunable White

RGB

System	Type	Length in Inches	Color Temperature
LS	**PFE**	**72IN**	**RGB**
LS Lazer Strip	PFE Power Feed Connector Cord	72IN 72 Inches	RGB Red, Green & Blue

LAMP DATA

	LS3					LS5				
WATTS PER FOOT	3W (3.3 watts)					5W (4.4 watts)				
COLOR TEMPERATURE	24KZ	27KZ	30KZ	35KZ	40KZ	24KZ	27KZ	30KZ	35KZ	40KZ
LUMENS PER FOOT (lm/ft)	253	269	361	363	391	318	338	454	456	492
LUMENS PER WATT (lm/w)	77	82	109	110	119	72	77	103	104	112
CRI	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

Pin Connector

+24V   +24V

—   —

PROJECT		FIXTURE TYPE		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

9

STOMP STRIP, STATIC WHITE
24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

PURE EDGE
PureSmart Lighting

0.4" (1cm)

+24VDC   +24VDC

2.4" (6cm)
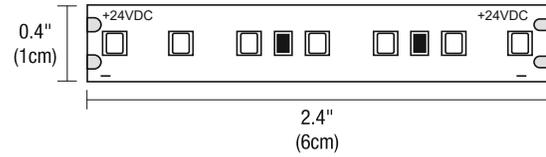
Our Low Voltage LED strips are highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 92+ CRI. Both Stomp Strip and Soft Strip are used for our **DIY** (Do-it-Yourself) fixtures and systems.

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

MAXIMUM LENGTHS BEFORE RE-FEEDING
- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.4 watts per foot - 20'

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

SPECIFICATIONS
- 24VDC
- 2.5 or 4.4
- Sold in 1' increments
- Field-cuttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
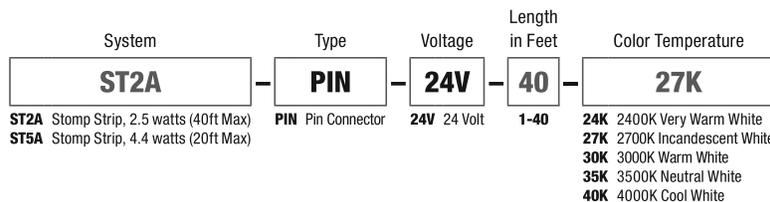24VDC, Class 2 wiring
- Home Integration Solutions
- Pure Smart™ WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming **(ELV, TRIAC, 0-10V)** ELV & TRIAC Smart Dimmer & Switch
- DALI/DALI-2
- Lutron Hi-Lume/Ecosystem

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

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

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

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)

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

WARM DIM, STOMP STRIP
24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.26.25

PURE EDGE
PureSmart Lighting
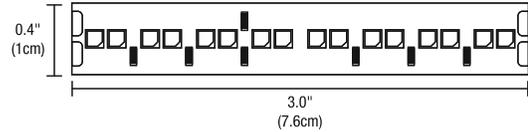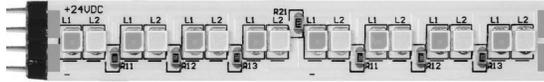
CAN'T STOMP ME OUT

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

FEATURES & BENEFITS

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC, 4.8 watts per foot - 20'

LAMP

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

SPECIFICATIONS

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

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

24VDC, Class 2 wiring
- Home Integration Solutions
- UNI Driver: Universal Dimming **(ELV, TRIAC, 0-10V)** ELV & TRIAC Smart Dimmer & Switch
- DALI/DALI-2
- Lutron Hi-Lume/Ecosystem

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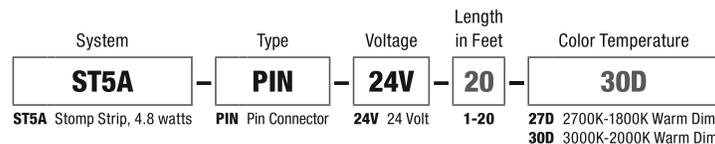
MAKE IT SMART

Pure Smart™ WiZ Pro Controls

APPROVALS

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

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

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

PRO WARM DIM, STOMP STRIP
24VDC WITH PIN CONNECTORS

PURE EDGE
PureSmart Lighting

2.4"
(6cm)

0.4"
(1cm)

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 watts per foot
- The 0.4" (10mm) wide strip contains 35 LEDs per foot (7 LEDs per 2.4" Increment): Tight spacing of LEDs produce uniform light distribution without visible diodes or pixelation when used within a diffused lens
- Gold Plated Contacts: Prevent oxidation ensuring longevity of the LEDs
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Applications: Indoor, damp and dry locations
- Warranty: Includes a 5-year pro-rated warranty

MAXIMUM LENGTHS BEFORE RE-FEEDING
- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 5 watts per foot - 20'
- 7WDC, 7.5 watts per foot - 12'

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

SPECIFICATIONS
- 24VDC, 120-277VAC Input
- 2.5 or 5 watts per foot
- Sold in 1' increments
- Field-cuttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
24VDC, Class 2 wiring
- Home Integration Solutions
- Pro Dim Power Supplies & Controls
*In-Wall Mounting Kits available for select Power Supplies
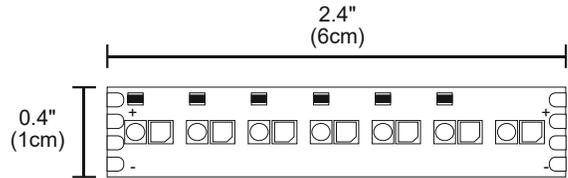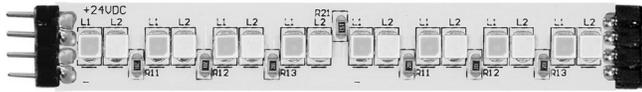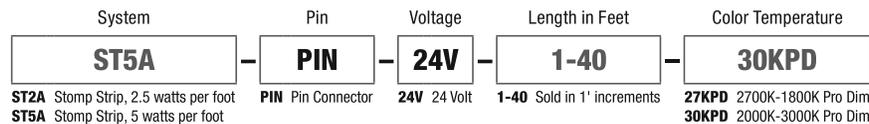
APPROVALS
Class 2 Wiring up to 100 watts, Indoor Damp Location Suitable, RoHS, ETL listed.

NOMINAL LAMP DATA				
DESCRIPTION	ST2A KPD		ST5A KPD	
WATTS PER FOOT	2W (2.5 watts)		5W (5 watts)	
COLOR TEMPERATURE	27KPD	30KPD	27KPD	30KPD
LUMENS PER FOOT (lm/ft)	165	173	426	451
LUMENS PER WATT (lm/w)	66	69	66	69
CRI	92+	92+	92+	92+

System	Pin	Voltage	Length in Feet	Color Temperature
ST5A	**PIN**	**24V**	**1-40**	**30KPD**

ST2A Stomp Strip, 2.5 watts per foot
ST5A Stomp Strip, 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

STOMP STRIP, TUNABLE WHITE
24VDC WITH PIN CONNECTORS

PURE EDGE
PureSmart Lighting

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.26.25

0.4" (1cm)

2.4" (6cm)
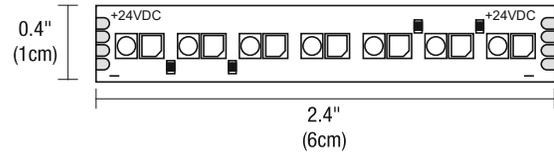
CAN'T STOMP ME OUT

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 or 4.6 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)

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

24VDC, Class 2 wiring
- Home Integration Solutions
- Pure Smart™ WiZ Pro Power Supplies & Controls
- 0-10V Requires two dimmers, one for intensity and one for color temperature
- DMX & Controls
- DALI/DALI-2

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

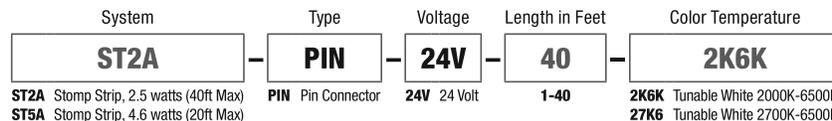## MAXIMUM LENGTHS BEFORE RE-FEEDING

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

APPROVALS

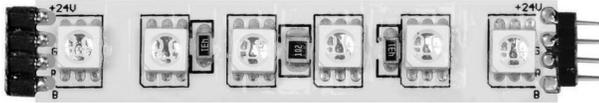Class 2 Wiring, Indoor Damp Location Suitable, RoHS, ETL listed.

NOMINAL LAMP DATA	ST2A 2K6K									ST5A 2K6K								
WATTS PER FOOT	2.5 Watts									4.6 Watts								
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)	152	154	156	158	160	165	180	194	208	368	383	398	413	428	458	491	496	500
LUMENS PER WATT (lm/w)	82	77	78	79	80	82	90	97	115	80	80	83	86	89	95	102	103	109
CRI	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						
WATTS PER FOOT	2.5 Watts							4.6 Watts						
COLOR TEMPERATURE	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
LUMENS PER WATT (lm/w)	82	78	80	82	90	97	115	103	91	95	98	97	96	110
CRI	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)

PIN Pin Connector

24V 24 Volt

1-40

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

SOFT STRIP, RGB
24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.26.25

PURE EDGE
PureSmart Lighting

0.47"
(12mm)

DESCRIPTION

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

SPECIFICATIONS

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

MOUNTING

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

LAMP

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

ACCESSORIES (SOLD SEPARATELY)

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

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

24VDC, Class 2 wiring
• Home Integration Solutions
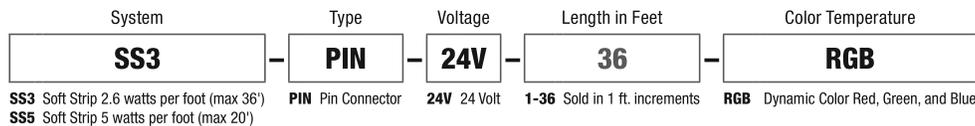• DMX & Controls
• DALI/DALI-2
*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPLICATIONS

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

APPROVALS

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

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

TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP
24VDC, 5 CHANNEL CONTROL, WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

PURE EDGE
PureSmart Lighting

3"
(76mm)

0.47"
(12mm)
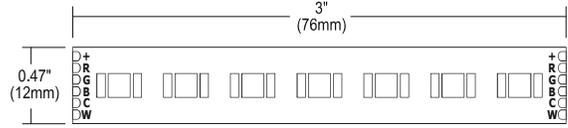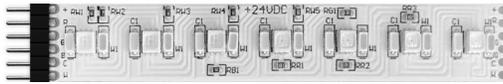
DESCRIPTION

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

FEATURES & BENEFITS

- State-of-the-Art **TruColor**™ (1500K-6500K) spectrum offers dynamic effects with RGB and Tunable White
- Optimized for use with WiZ Pro wire control ecosystem and Pure Smart Wi-Fi Room Controller.
- Offered with pin connectors reducing time and labor during installation
- Dims from full brightness down to 5%, and tuned anywhere from 1500K to 6500K.
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering, CCT range, spectrum accuracy, or efficacy.
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- Three 1oz Layers of Copper Busbar per foot provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Warranty: Includes a 5-year pro-rated warranty

LUMEN PERFORMANCE

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

AVERAGE PERFORMANCE 2000K-5500K

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

SPECIFICATIONS

- 24VDC
- S5W5: 5W RGB & 5W Tunable White
- S5W7: 5W RGB & 7W Tunable White
- Sold in 1' increments
- Field-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, DIMMERS & CONTROLS
(SOLD SEPARATELY)
24VDC, Class 2 wiring
- Home Integration Solutions
- Pure Smart™ WiZ Pro Power Supplies
- Pure Smart™ Wi-Fi Controllers
Features ON/OFF buttons, CCT and brightness control as well as four preset/custom scenes programmable in the WiZ app. Communicates via 2.4GHz Wi-Fi. No Hub needed. Voice control with Goggle Assistant, Alexa, Siri,Shortcuts, and IFTTT
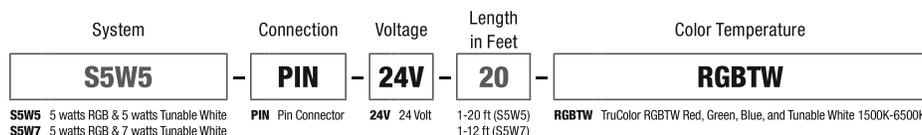
APPLICATIONS

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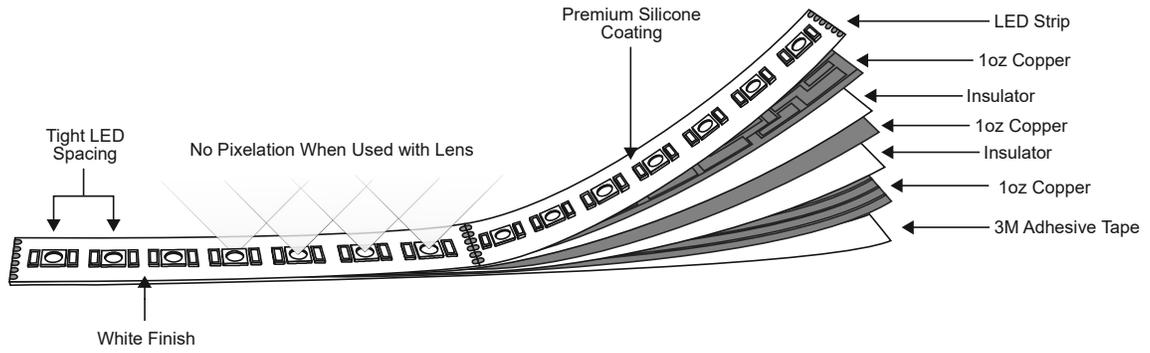
APPROVALS

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

NOMINAL LAMP DATA																		
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	91+	93+	94+	94+	95+	96+	97+	92+	89+	93+	95+	96+	97+	97+	98+	97+	95+	92+
Duv	-0.004	-0.0012	-0.0034	-0.0058	-0.0055	-0.0033	-0.0014	-0.0049	-0.0063	-0.003	0.0002	0.003	0.003	0.003	0.0009	0	0.003	0.003
Rf	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	91
Rg	105	101	103	105	104	102	100	102	103	104	100	102	103	103	101	100	102	103
R9	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	67
R13	92	94	95	95	94	96	99	90	87	92	95	96	96	97	99	99	91	88
R15	99	99	99	98	97	97	97	89	85	99	99	99	99	99	98	97	90	85
WiZ PRO WATTS/FOOT	2.7	4.55	4.35	4.25	4.25	4.35	4.2	2.95	2.4	3.35	3.85	6.15	5.95	6.15	6.15	5.84	3.45	3

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

PIN Pin Connector

24V 24 Volt

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

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

TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP
24VDC, 5 CHANNEL CONTROL

PURE EDGE
PureSmart Lighting

Premium Silicone Coating
LED Strip
1oz Copper
Insulator
1oz Copper
Insulator
1oz Copper
3M Adhesive Tape

Tight LED Spacing
No Pixelation When Used with Lens
White Finish

PIN CONNECTOR

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

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

SOFT STRIP, MONOCHROMATIC COLOR
24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

PURE EDGE
PureSmart Lighting

RRR - Red

BBB - Blue

AAA - Amber

0.5"
(1.27cm)

GGG - Green

4"
(10.16cm)

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

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

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

ACCESSORIES (SOLD SEPARATELY)
• 24VDC Power Connectors and Jumpers
• Flexible Connectors
• Mounting Straps & Clips

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

MAXIMUM LENGTHS BEFORE RE-FEEDING
• 3WDC, 2.6 watts per foot - 36'
• 5WDC, 5 watts per foot - 20'

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
24VDC, Class 2 wiring
• Home Integration Solutions
• Pure Smart™ WiZ Pro Power Supplies & Controls
• UNI Driver: Universal Dimming **(ELV, TRIAC, 0-10V)**
  ELV & TRIAC Smart Dimmer & Switch
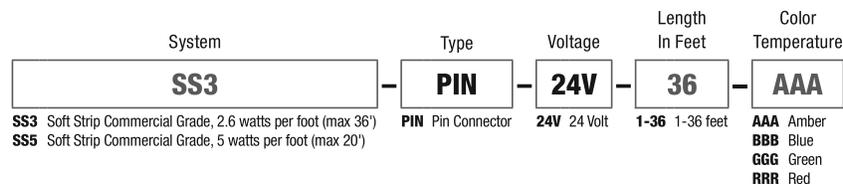• Lutron Hi-Lume/Ecosystem
• DALI/ DALI 2
*In-Wall Mounting Kits available for select power supplies

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

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

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

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

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
PureSmart Lighting

DW

RGB

RGBTW

0.25"
(0.6cm)

LIGHT CHANNEL POWER CONNECTOR

One Female Power Connector is included with each order of channel. For use with Soft or Stomp Strip Only, see page 9 for Lazer Strip components.

System	Type	Product	Length	Color Temperature
SS	**FE**	**CON**	**72IN**	**DW**
SS Stomp Strip/ Soft Strip	**FE** Female Connector	**CON** Connector	**72IN** 72 Inches	**DW** Static White/Warm Dim **RGB** RGB (Tunable White Compatible) **RGBTW** Red, Green, Blue, and Tunable White

DW

RGB

RGBTW

FLEXIBLE CONNECTOR

Flexible connectors link two sections of the Light Channel end to end. WAGO 221 Lever Nuts can also be used as jumper connections according to your specific application requirements. For use with Soft or Stomp Strip Only, see page 9 for Lazer Strip components.

System	Type	Product	Size	Color Temperature
SS	**CFX**	**CON**	**12IN**	**DW**
SS Stomp Strip/ Soft Strip	**CFX** Flexible Connector	**CON** Connector	**12IN** 12 Inches **72IN** 72 Inches	**DW** Static White/Warm Dim **RGB** RGB (Tunable White Compatible) **RGBTW** Red, Green, Blue, and Tunable White

PROJECT		FIXTURE TYPE		DATE	

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE — PureSmart Lighting

NOMINAL DELIVERED LUMENS

CLEAR LENS										
DESCRIPTION	LS3					LS5				
WATTS PER FOOT	3.3 Watts					4.4 Watts				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	189	201	270	271	292	236	250	336	337	364
LUMENS PER WATT (lm/w)	77	82	109	110	119	72	77	103	104	112
CRI	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

CLEAR LENS							
DESCRIPTION	LS5 - 2K4K						
WATTS PER FOOT	5W (4.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	156	162	168	175	181	194	208
LUMENS PER WATT (lm/w)	34	34	35	36	38	40	43
CRI	91+	91+	91+	91+	91+	94+	94+

DIFFUSED LENS										
DESCRIPTION	STATIC WHITE					STATIC WHITE/WARM DIM				
WATTS PER FOOT	3.3 Watts					4.4 Watts				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	144	153	206	207	223	181	193	259	260	280
LUMENS PER WATT (lm/w)	44	46	62	63	68	41	44	59	59	64
CRI	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

DIFFUSED LENS							
DESCRIPTION	LS5 - 2K4K						
WATTS PER FOOT	5W (4.6 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	79.0	112.0	145.1	178.1	211.2	172.8	134.5
LUMENS PER WATT (lm/w)	31.1	35.9	39.3	41.7	43.5	46.8	53.0
CRI	93.5	83+	92+	92+	95.5	94+	92.6

DIFFUSED LENS											
DESCRIPTION	STATIC WHITE					STATIC WHITE/WARM DIM					
WATTS PER FOOT	2.5W					5W (4.4 watts)					
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K
LUMENS PER FOOT (lm/ft)	120	121	127	145	153	222	225	256	234	267	268	283
LUMENS PER WATT (lm/w)	48	49	51	58	61	51	51	53	53	56	61	64
CRI	90+	95+	95+	85+	85+	90+	95+	92+	95+	92+	85+	85+

CLEAR FROSTED LENS											
DESCRIPTION	STATIC WHITE					STATIC WHITE/WARM DIM					
WATTS PER FOOT	2.5W					5W (4.4 watts)					
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	27D*	30K	30D*	35K	40K
LUMENS PER FOOT (lm/ft)	141	142	148	170	179	260	263	300	274	313	315	332
LUMENS PER WATT (lm/w)	56	57	59	68	72	59	60	63	62	65	71	75
CRI	90+	95+	95+	85+	85+	90+	95+	92+	95+	92+	85+	85+

DIFFUSED LENS																	
DESCRIPTION	2K6K									2K6K								
WATTS PER FOOT	2W (2.5 watts)									5W (4.6 watts)								
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)	64	65	66	67	68	70	76	82	88	156	162	168	175	181	194	208	210	212
LUMENS PER WATT (lm/w)	35	33	33	33	34	35	90	41	49	34	34	35	36	38	40	43	44	46
CRI	91+	91+	91+	91+	91+	94+	94+	94+	91+	91+	91+	91+	91+	91+	94+	94+	94+	91+

CLEAR FROSTED LENS																	
DESCRIPTION	2K6K									2K6K								
WATTS PER FOOT	2W (2.5 watts)									5W (4.6 watts)								
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)	75	76	77	79	80	82	89	96	103	182	190	197	205	212	227	243	246	248
LUMENS PER WATT (lm/w)	41	38	39	39	40	41	90	48	57	40	40	41	43	44	47	51	51	54
CRI	91+	91+	91+	91+	91+	94+	94+	94+	91+	91+	91+	91+	91+	91+	94+	94+	94+	91+

DIFFUSED LENS														
DESCRIPTION	27K6							27K6						
WATTS PER FOOT	2W (2.5 watts)							5W (4.6 watts)						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	70	83	85	87	95	102	98	218	225	231	238	229	226	219
LUMENS PER WATT (lm/w)	35	33	34	35	38	41	49	55	56	56	55	56	57	56
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

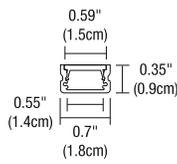| CLEAR FROSTED LENS														
DESCRIPTION	27K6							27K6						
WATTS PER FOOT	2W (2.5 watts)							5W (4.6 watts)						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	82	97	99	102	112	120	114	256	263	271	279	268	265	257
LUMENS PER WATT (lm/w)	41	39	40	41	45	48	57	64	66	66	65	65	66	65
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

PROJECT		FIXTURE TYPE		DATE	

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
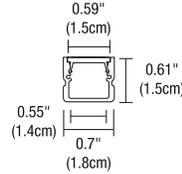24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
PureSmart Lighting

DIFFUSED LENS																
DESCRIPTION	5W5 5W RGB & 5W TUNABLE WHITE								5W7 5W RGB & 7W TUNABLE WHITE							
WATTS PER FOOT	5W Maximum								7W Maximum							
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)	84	155	161	170	179	190	199	145	130	90	206	216	227	239	255	271	168	146
LUMENS PER WATT (lm/w)	73	34	88	40	42	103	47	116	47	27	54	35	38	39	41	46	49	45
CRI	93	94	95	93	96	96	94	93	93	93	94	96	95	96	96	94	93	93
Duv	-0.0030	-0.0005	-0.0021	-0.0037	-0.0041	-0.0029	-0.0006	-0.0002	0.0000	-0.0030	0.0003	0.0020	0.0002	0.0001	0.0020	0.0025	0.0000	0.0076
Rf	91	93	93	93	93	93	91	91	87	90	93	93	93	93	93	91	91	91
Rg	93	98	101	102	102	100	99	100	96	99	98	101	102	102	100	98	100	99
R9	79	64	69	75	78	76	69	95	95	79	75	68	74	76	76	68	94	95
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	2.75	3.35	3.85	6.15	5.95	6.15	6.15	5.84	3.45	3.2

CLEAR FROSTED LENS																
DESCRIPTION	5W5 5W RGB & 5W TUNABLE WHITE								5W7 5W RGB & 7W TUNABLE WHITE							
WATTS PER FOOT	5W Maximum								7W Maximum							
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)	98	182	189	199	209	223	233	170	153	106	242	253	266	280	299	317	196	171
LUMENS PER WATT (lm/w)	73	40	88	47	49	103	55	116	56	32	63	41	45	46	49	54	57	53
CRI	93	94	95	93	96	96	94	93	93	93	94	96	95	96	96	94	93	93
Duv	-0.0030	-0.0005	-0.0021	-0.0037	-0.0041	-0.0029	-0.0006	-0.0002	0.0000	-0.0030	0.0003	0.0020	0.0002	0.0001	0.0020	0.0025	0.0000	0.0076
Rf	91	93	93	93	93	93	91	91	87	90	93	93	93	93	93	91	91	91
Rg	93	98	101	102	102	100	99	100	96	99	98	101	102	102	100	98	100	99
R9	79	64	69	75	78	76	69	95	95	79	75	68	74	76	76	68	94	95
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	2.75	3.35	3.85	6.15	5.95	6.15	6.15	5.84	3.45	3.2

PROJECT		FIXTURE TYPE		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

20

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
PureSmart Lighting

LIGHT CHANNEL 0.3" DIY SURFACE MOUNT WITH LAZER & STOMP STRIP
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

PURE EDGE
PureSmart Lighting

Indoor 24VDC LED Stomp Strip Compatible Channels: 24VDC LED Stomp Strips can be installed as a single strip or installed within a compatible channel with lens. See Light Channel spec sheets at www.pureedgelighting.com/product/cabinet_lighting_shelf_lighting/surface_mount.

C Clear Lens   D Diffused Lens   L Linear Frost Lens   G Gel Color Filter Suitable

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SURFACE MOUNT LIGHT CHANNELS: Recommended applications* — Cove, pathway, toe-kick, undercabinet, and shelves

LCS.3 Light Channel

0.59" (1.5cm)
0.35" (0.9cm)
0.55" (1.4cm)
0.7" (1.8cm)

LCS.6 Light Channel

0.59" (1.5cm)
0.61" (1.5cm)
0.55" (1.4cm)
0.7" (1.8cm)
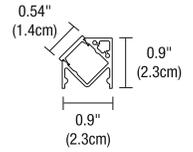
LC45 Light Channel 45°

0.54" (1.4cm)
0.9" (2.3cm)
0.9" (2.3cm)
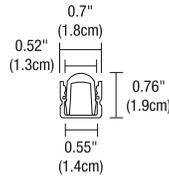
LCMG Light Channel Micro Grazer

0.7" (1.8cm)
0.52" (1.3cm)
0.76" (1.9cm)
0.55" (1.4cm)

RECESSED LIGHT CHANNELS: Recommended applications* (Recessed into drywall or wood)** — Coves, pathways, toe-kicks, undercabinets, and shelves
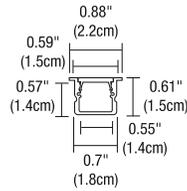
LCMW.6 Light Channel Millwork
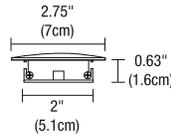
0.88" (2.2cm)
0.59" (1.5cm)
0.57" (1.4cm)
0.61" (1.5cm)
0.55" (1.4cm)
0.7" (1.8cm)

TTL1.6 TruLine Trim 1.6

2.75" (7cm)
0.63" (1.6cm)
2" (5.1cm)

PROJECT		FIXTURE TYPE		DATE	

TM-30-15 DATA: The data below is for LS3 and LS5 bare Lazer 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.

2400K | Rf: 90.1 | Rg: 99.9
Color Vector Graphic
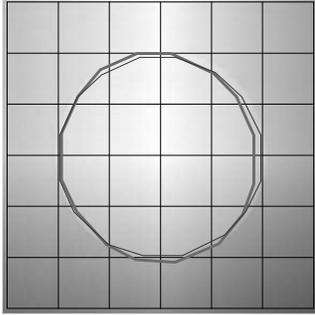
Test   Reference

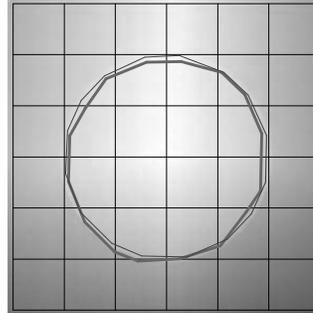| HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	87.8	-5.8%	-0.5%
2	88.6	-4.7%	3.9%
3	85.2	-1.1%	6.5%
4	92.1	1.4%	3.8%
5	94.6	3.0%	3.2%
6	92.7	4.5%	0.4%
7	91.3	0.7%	-4.7%
8	95.7	0.3%	-2.3%
9	94.8	-2.2%	-0.8%
10	93.1	-2.5%	2.2%
11	91.7	1.0%	4.7%
12	88.4	3.0%	0.4%
13	87.6	4.3%	-9.4%
14	81.0	3.1%	-11.6%
15	89.8	-0.8%	-6.7%
16	83.9	-4.9%	-9.7%

2700K | Rf: 92.4 | Rg: 98.0
Color Vector Graphic
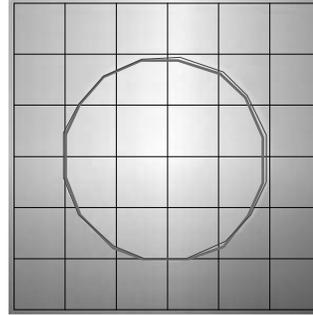
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.6	-4.5%	-0.4%
2	92.6	-3.4%	1.4%
3	91.9	-2.2%	3.0%
4	94.6	-2.3%	1.2%
5	95.3	-1.1%	2.6%
6	96.9	0.4%	0.9%
7	94.7	-2.2%	-1.1%
8	97.9	-0.5%	0.7%
9	95.0	-2.1%	1.4%
10	91.7	-1.5%	4.4%
11	90.2	0.4%	6.4%
12	90.5	3.6%	0.5%
13	92.4	2.0%	-4.6%
14	88.7	2.9%	-7.5%
15	92.4	-1.6%	-3.4%
16	86.4	-2.6%	-9.0%

3000K | Rf: 90.7 | Rg: 99.7
Color Vector Graphic
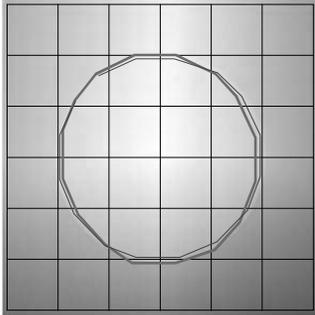
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	89.6	-5.1%	-0.6%
2	90.8	-3.7%	2.9%
3	87.7	-1.3%	5.6%
4	92.7	-0.1%	3.1%
5	94.3	1.7%	3.1%
6	94.2	3.0%	-0.3%
7	92.6	-0.7%	-3.4%
8	97.1	-0.3%	-1.4%
9	94.6	-2.4%	1.0%
10	90.4	-2.1%	4.8%
11	87.6	0.5%	7.9%
12	88.6	4.7%	2.0%
13	91.4	3.6%	-4.1%
14	86.8	4.6%	-8.4%
15	91.0	-0.7%	-4.9%
16	84.1	-2.5%	-11.0%

3500K | Rf: 92.5 | Rg: 101.2
Color Vector Graphic
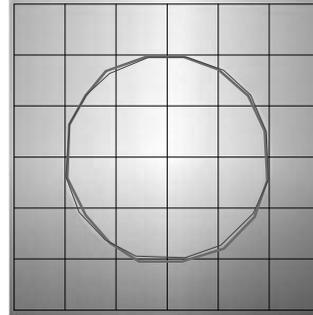
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	94.2	-2.3%	-0.8%
2	95.6	-1.8%	0.9%
3	92.1	-0.7%	3.3%
4	93.8	-0.5%	2.5%
5	93.2	-0.6%	2.3%
6	95.0	2.6%	0.5%
7	96.2	-0.2%	-1.0%
8	97.3	-0.1%	-1.4%
9	95.1	-1.7%	1.9%
10	89.5	-2.4%	5.7%
11	85.0	1.2%	8.4%
12	89.8	4.8%	4.1%
13	94.8	3.0%	-0.1%
14	90.9	5.9%	-3.3%
15	91.8	2.1%	-4.3%
16	89.1	1.1%	-6.2%

PROJECT		FIXTURE TYPE		DATE	

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

2400K | Rf: 84.5 | Rg: 94.4
Color Vector Graphic
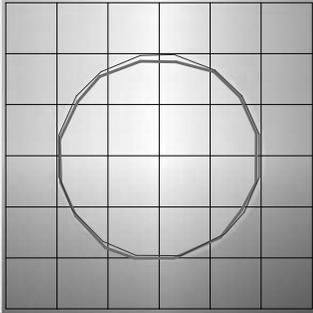
Test ■ Reference

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

2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic

Test ■ Reference

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

3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic
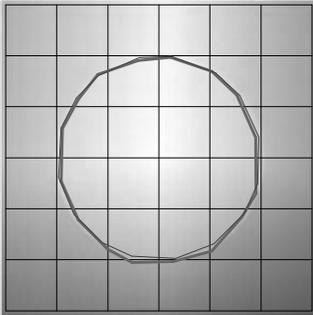
Test ■ Reference

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

3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic
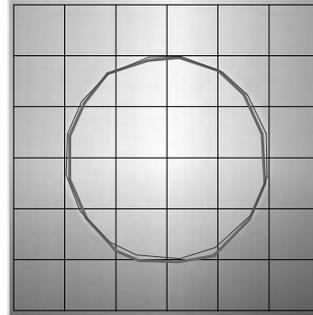
Test ■ Reference

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

4000K | Rf: 87.6 | Rg: 96.8
Color Vector Graphic
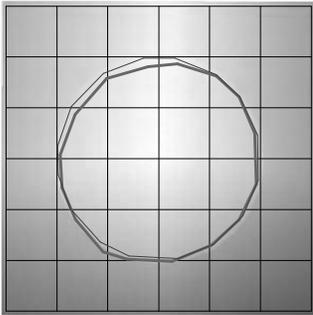
Test ■ Reference

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

| PROJECT		FIXTURE TYPE		DATE	

TM30 DATA
24VDC STATIC WHITE, MONOCHROMATIC COLOR, TUNABLE WHITE, RGB & RGBTW

REV 03.26.25

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

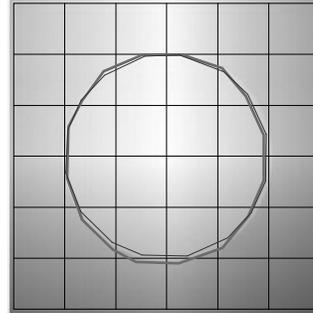### 2000K ONLY (2K6K/27K6) | Rf: 90.6 | Rg: 98.5
Color Vector Graphic
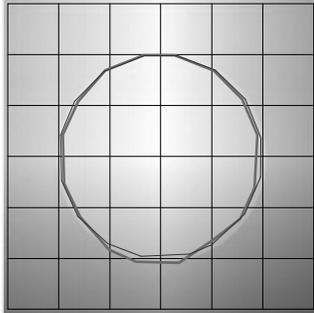
Test ■ Reference

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

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

Test ■ Reference

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

4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1
Color Vector Graphic
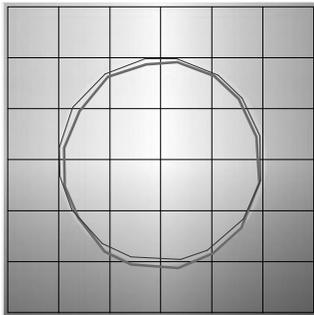
Test ■ Reference

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

PROJECT		FIXTURE TYPE		DATE	

TM-30-15 DATA: The data below is for LS3 and LS5 bare Lazer 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.
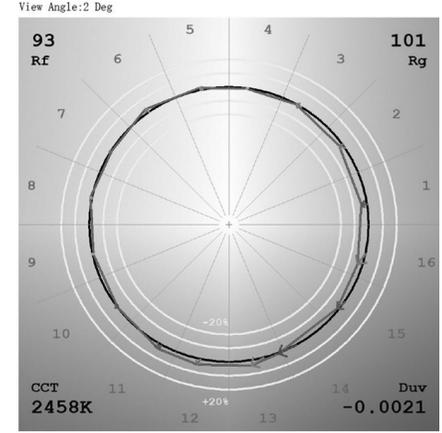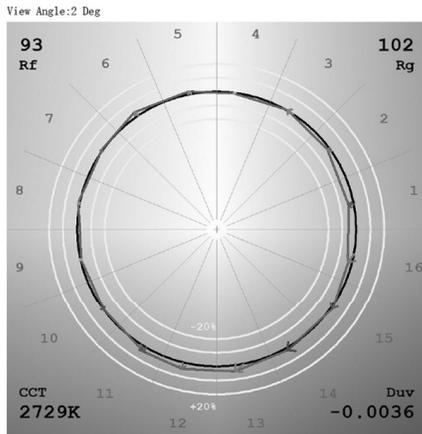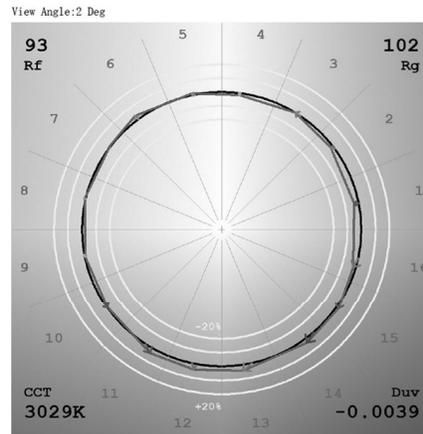
2000K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 91 | Rg 103
CCT 2056K | Duv -0.0029

2200K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 93 | Rg 98
CCT 2289K | Duv -0.0004

2400K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 93 | Rg 101
CCT 2458K | Duv -0.0021

2700K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 93 | Rg 102
CCT 2729K | Duv -0.0036

3000K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 93 | Rg 102
CCT 3029K | Duv -0.0039

3500K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 93 | Rg 100
CCT 3519K | Duv -0.0029

4000K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 91 | Rg 98
CCT 4068K | Duv -0.0005

5700K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 91 | Rg 100
CCT 5734K | Duv 0.0000

6500K (TruColor™ RGBTW)

View Angle:2 Deg
Rf 90 | Rg 99
CCT 6523K | Duv 0.0001

PROJECT		FIXTURE TYPE		DATE	