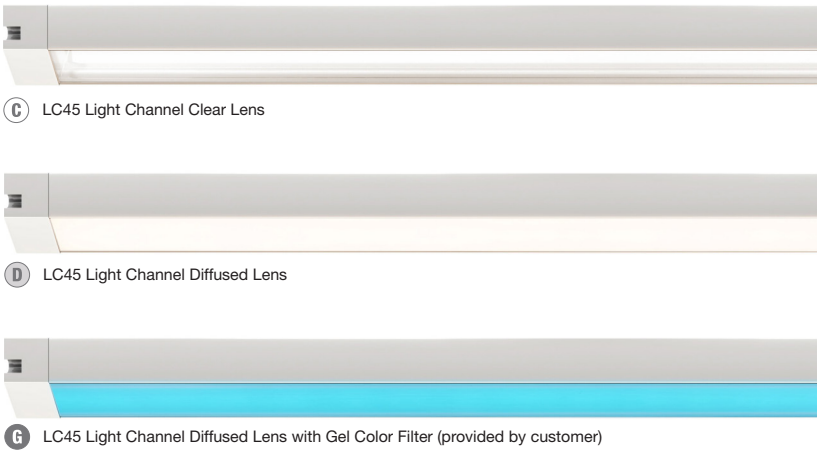
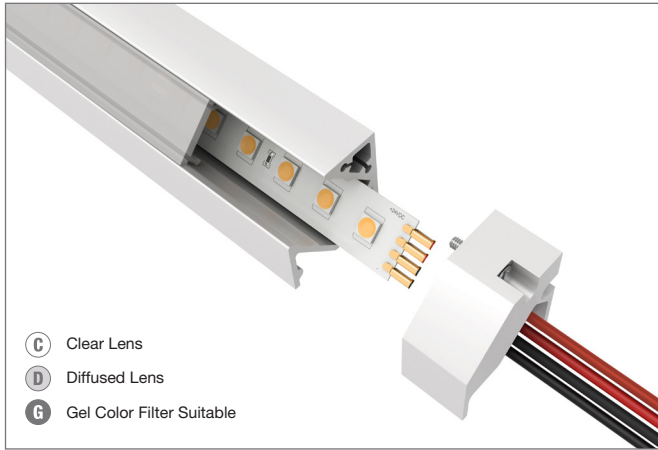


LIGHT CHANNEL 45° DIY SURFACE MOUNT

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 01.20.25



DESCRIPTION

Our DIY (Do-it-Yourself) 45° Surface-mounted Light Channel offers a versatile solution with many custom configurations, and 24VDC, Class 2 power supplies can be remotely located up to 40' away. The channel's unique 45° angle design provides designers with enhanced flexibility when it comes to illuminating challenging areas. Our slim, aluminum channel extrusions, LED strips, and lenses are field-cuttable and ordered in various increments anywhere from 2 to 7 watts per foot. Offered in a broad range of wattages and Color Temperatures from **2400K** through **4000K**, Warm Dim (**27D** or **30D**), Pro-Dim (**27KPD** or **30KPD**), Tunable White (**2K6K** or **27K6**), Dynamic **RGB** & **RGB+White** in 2000K (special order in 27K, 30K and 40K), and **TruColor™ RGBTW** Color Changing RGB with Tunable White 1500K-6500K. Available with a diffused white, clear or gel filter lens. 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

- 24VDC LED Stomp Strip is high performance, highly durable and designed to withstand the harsh elements of a job site, including stomping and twisting
- Gold Plated Contacts prevent oxidation ensuring longevity of the LEDs
- Cut and assemble in field
- Available with Solderless Pin Connections or with 6' Soldered Leads
- 24VDC LED Strip offers excellent color-rendering
- Slim aluminum channel extrusions, LED strips and lenses are easily cut and assembled in the field
- Available in various wattages from 2 to 7 watts per foot

LENSES

- Clear Lens (**C**) provides maximum illumination use of a transparent lens, LEDs diodes will be visible
- Diffused White Lens (**D**) projects clean lines of light eliminating pixelation
- Diffused Lens with Gel Color Filter (**G**) (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.leeefilters.com. See manufacturer spec sheet for more information

LAMP

- Static White Color Temperatures ranging from **2400K** through **4000K**
- Warm Dim: **27D** and **30D** dim down to 1800K, resembling halogen light sources
- Pro-Dim: **27KPD** (dims down to 1800K) and **30KPD** (dims down to 2000K), dims to off with Pro-Dim power supplies
- Tunable White: **2K6K** and **27K6** grants independent control for adjusting color temperature and intensity
- Dynamic **RGB** & **RGB+White** in 2000K (RGB, RGB20K) (special order in 27K, 30K and 40K)
- **TruColor™ RGBTW** Dynamic RGB with Tunable White 1500K-6500K
- Average life: 50,000 hours

REQUIRED COMPONENTS

- Light Channel 45° Surface Mount and Lens (Mounting Clips included with every 2' feet of channel)
- End Caps (sold in pairs)
- 24VDC Light Channel Power Connector
- 24VDC LED Strip

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

- [Static White](#)
- [Warm Dim](#)
- [Pro Dim](#)
- [Tunable White](#)
- [RGB](#)
- [RGBW](#)
- [TruColor™ RGBTW](#)
- [Monochromatic](#)

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

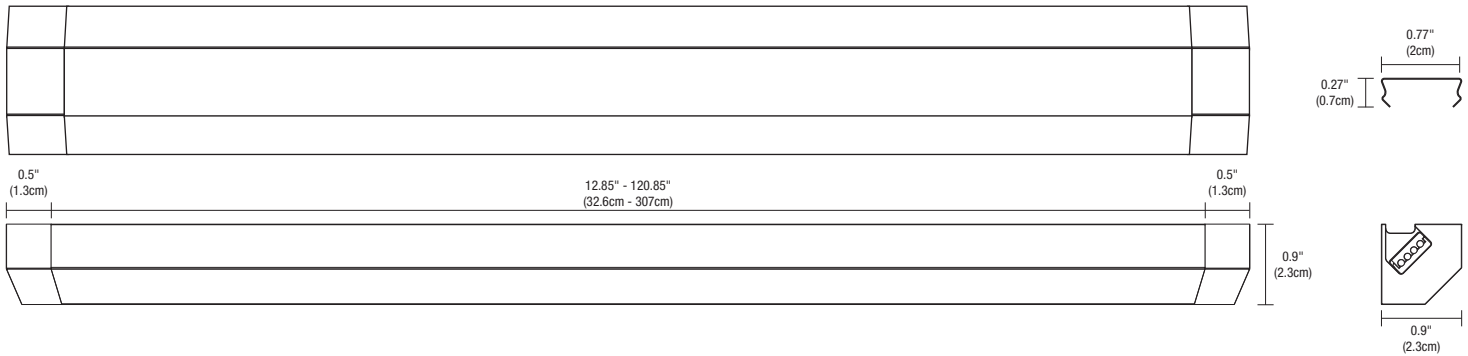
Designed for indoor use only. Ideal applications include display shelving and cabinetry, under-cabinet, cabinet lightning, coves, and bars within residential, commercial, retail, and hospitality environments.

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

LIGHT CHANNEL 45° DIY SURFACE MOUNT

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

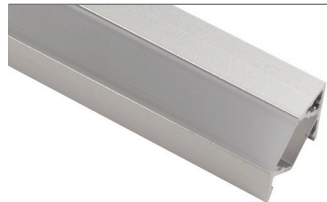
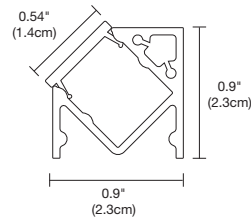
REV 01.20.25



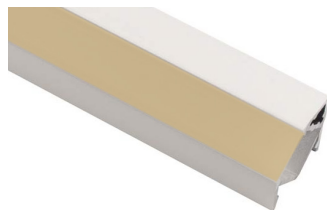
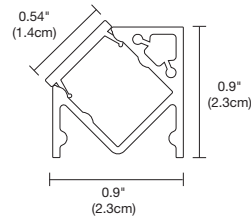
REQUIRED COMPONENTS: Select Light Channel 45° Surface Mount option, End Caps and Power Connector based on lighting design.



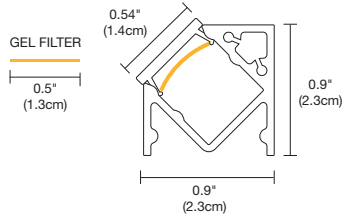
C LC45 Light Channel Clear Lens



D LC45 Light Channel Diffuser Lens



G LC45 Light Channel Diffuser Lens with Gel Color Filter (provided by customer)

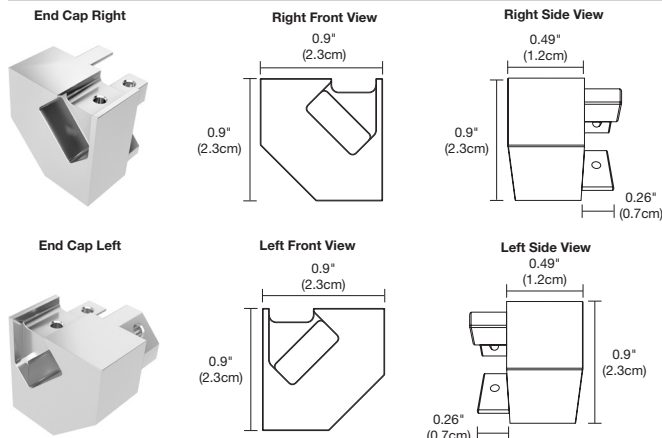


LIGHT CHANNEL 45° SURFACE MOUNT

Start the ordering process by selecting the desired aluminum channel length (2 finish options) and lens option. Then order the LED Strip (fits inside channel), End Caps, and Solderless Power Connector. The channel and lens may be cut in the field, and may be joined together using the Light Solderless Power Connector. Mounting Clips are included with every 2 feet of channel, and also be ordered separately as replacement parts. The Diffused Lens projects clean lines of light, eliminating LED dots. The Clear Lens provides maximum light levels and will show LED dots. Both the Clear and Diffuser Lens are Gel Color Filter Suitable allowing for color personalization. Zircon LED Gel filters are recommended and can be purchased from the dealer www.leeefilters.com. Gel filter life is 5,000 hours before needing to be changed.



| System | Length in Feet | Lens | Finish |
|------------------------------|--|---------------------------------|-------------------------------|
| LC45 | 10FT | D | SA |
| LC45 Light Channel 45 Degree | 2FT 2 Feet 4FT 4 Feet 5FT 5 Feet 8FT 8 Feet 10FT 10 Feet | D Diffuser Lens C Clear Lens | SA Satin Aluminum WH White |



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.

| System | Product | Type | Finish |
|------------------------------|----------------|-------------|-------------------------------|
| LC45 | PFE | CA | SA |
| LC45 Light Channel 45 Degree | PFE Power Feed | CA End Caps | SA Satin Aluminum WH White |

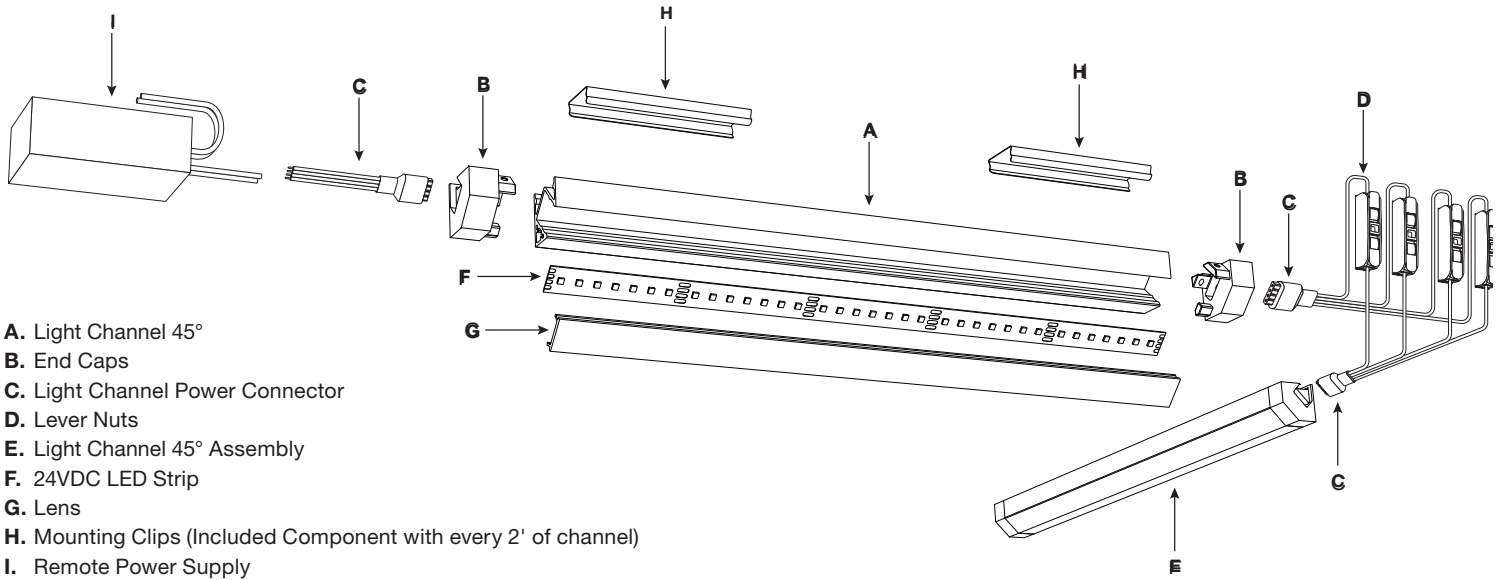
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| PROJECT | | FIXTURE TYPE | | DATE | |
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LIGHT CHANNEL 45° DIY SURFACE MOUNT

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

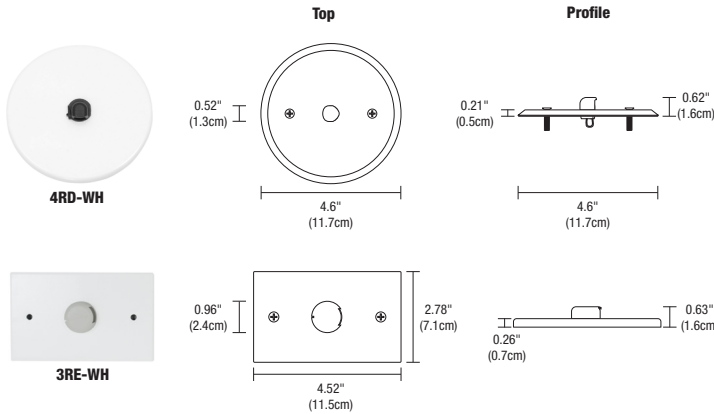
REV 01.20.25

LIGHT CHANNEL 45° SYSTEM OVERVIEW: TRADITIONAL DIMMING, 0-10, DMX AND DALI



CANOPY COVER & SPLICE BOX

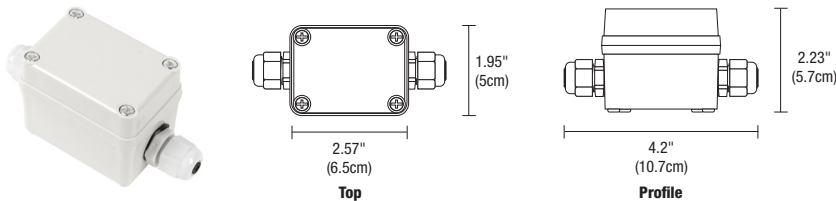
Use for remote located power supply. The 3 inch rectangle or 4 inch round white canopy covers the electrical box and feeds wires for Light Channel. The Splice Box provides a safe enclosure for low voltage connections.



| Product | Finish |
|-------------------------------|-----------|
| 3RE | WH |
| 3RE 3" Rectangle Canopy Cover | WH White |
| 4RD 4" Round Canopy Cover | |

JUNCTION BOX

Low voltage Splice Box with connectors.



| Product | Type | Option |
|------------------|-------------------|----------------|
| 2RE | JBOX | W |
| 2RE 2" Rectangle | JBOX Junction Box | W Wet Location |

MOUNTING CLIP

Light Channel comes with standard mounting clips. LC45-MCL mounting clips are provided with every 2' of Light Channel.



| System | Product |
|------------------------|-------------------|
| LC45 | MCL |
| LC45 Light Channel 45° | MCL Mounting Clip |

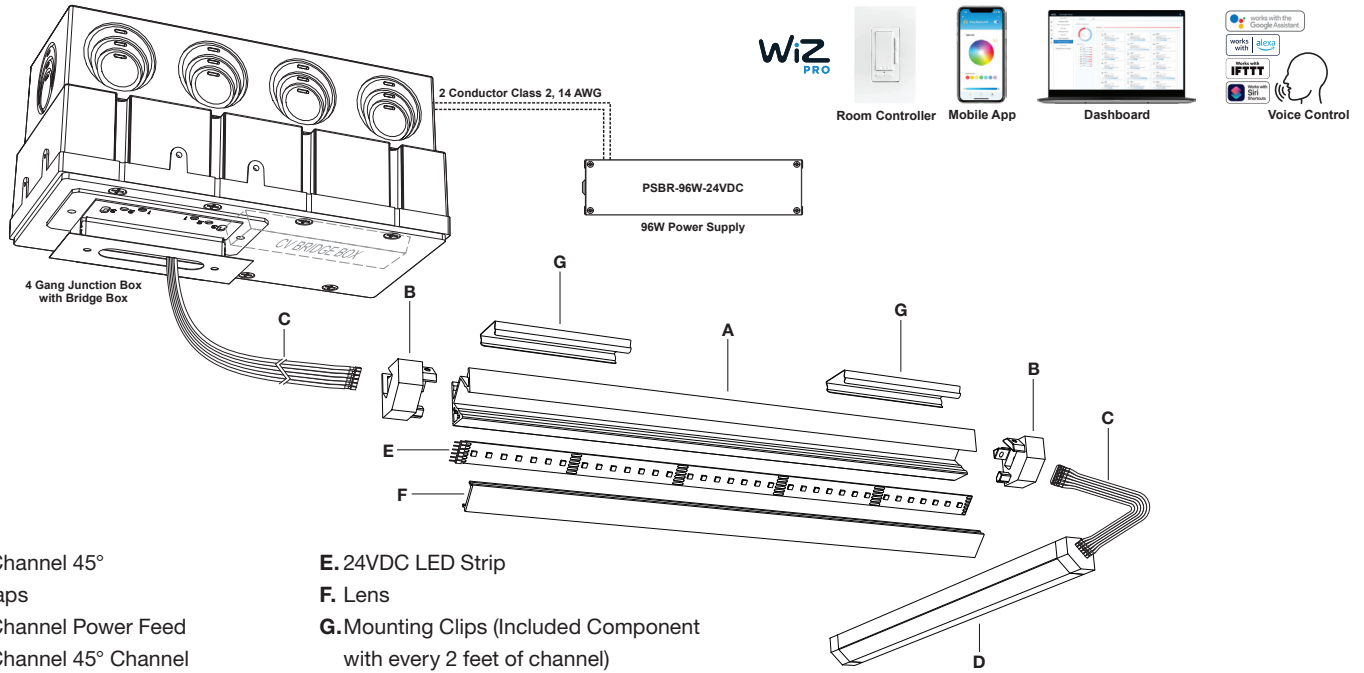
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LIGHT CHANNEL 45° DIY SURFACE MOUNT

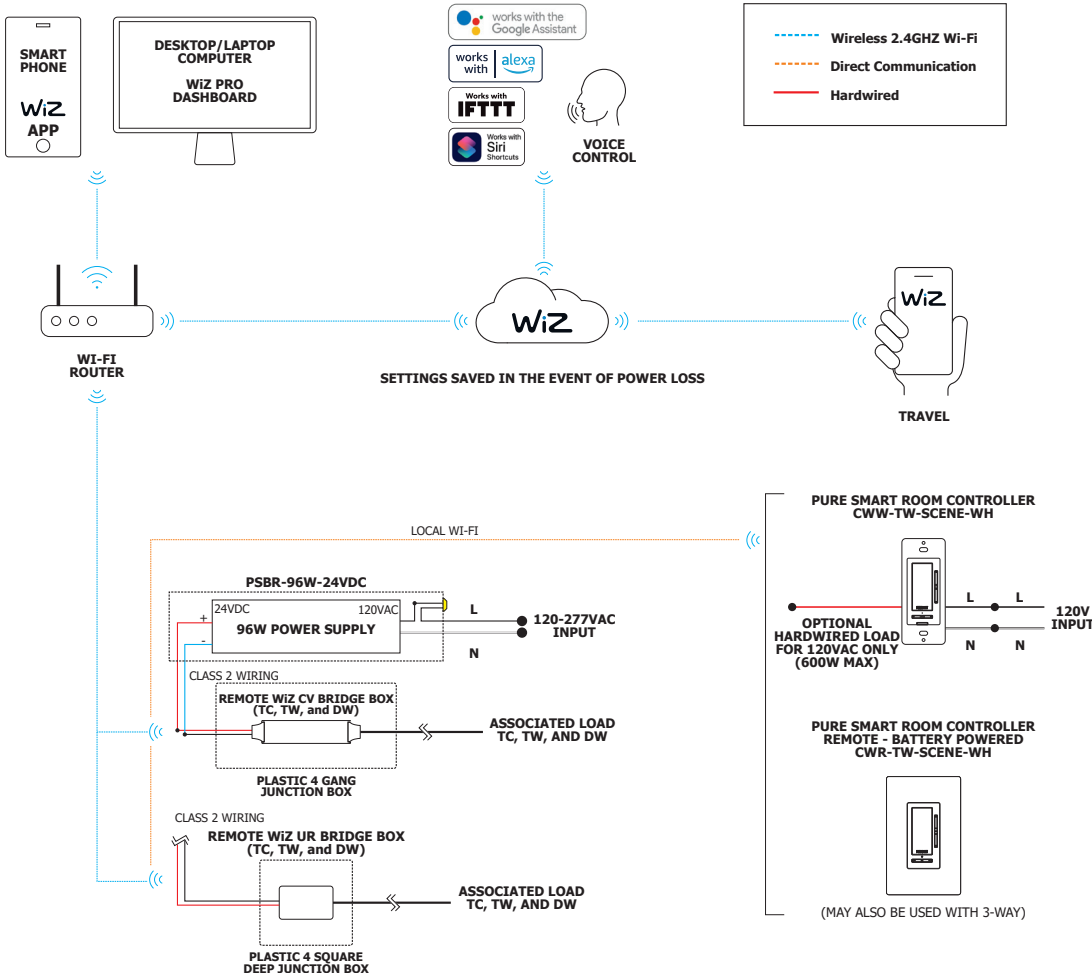
24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

LIGHT CHANNEL 45° SYSTEM OVERVIEW: WiZ

REV 01.20.25



NETWORK TOPOLOGY

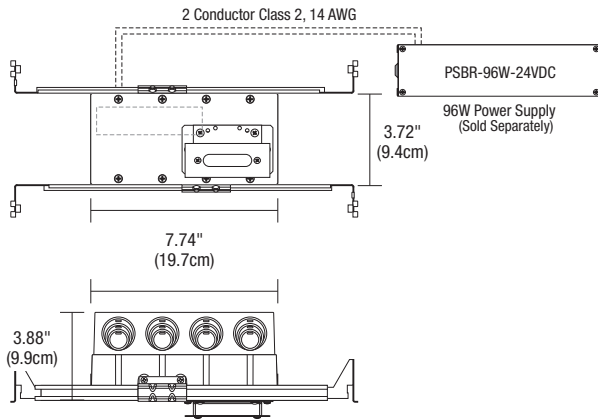


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| PROJECT | | FIXTURE TYPE | | DATE | |
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LIGHT CHANNEL 45° DIY SURFACE MOUNT

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

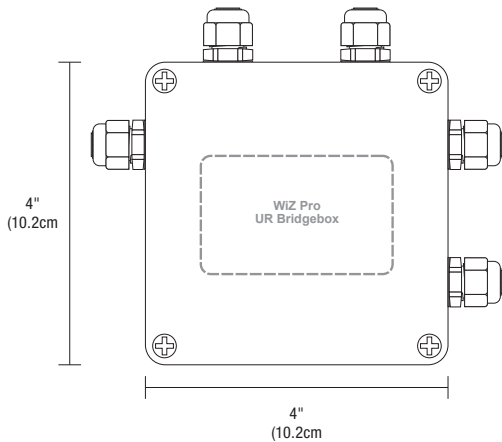
TRUCOLOR™ RGBTW COMPONENTS



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.

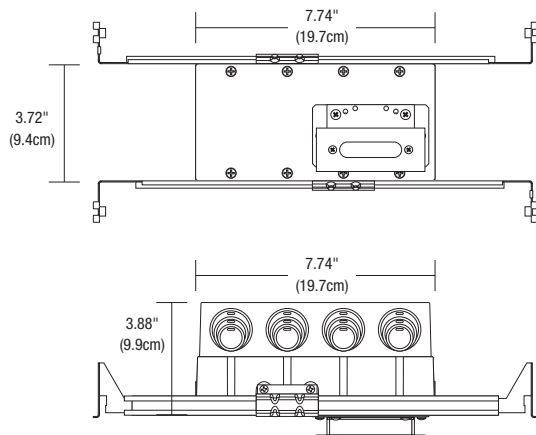
| System | Canopy | Wattage | Control | Color Temperature | System Code |
|---------------------|--|--------------|--|---|------------------|
| BR | 1RE4G | 96W | WZ | TC5W5 | LC |
| BR Bridgebox Remote | 1RE4G 1" Rectangle Canopy with 4 Gang Junction Box | 96W 96 Watts | WZ WIZ Pro Connected CV Smart Bridgebox Included | DW Static White Tunable White TW TruColor™ 5 watts RGB & 5 watts Tunable White TC5W5 TruColor™ 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ 5 watts RGB & 7 watts Tunable White | LC Light Channel |



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 Tunable White TW TruColor™ 5 watts RGB & 5 watts Tunable White TC5W5 TruColor™ 5 watts RGB & 5 watts Tunable White TC5W7 TruColor™ 5 watts RGB & 7 watts Tunable White | LC Light Channel |



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 |

| | | | | | |
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| PROJECT | | FIXTURE TYPE | | DATE | |
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LIGHT CHANNEL 45° DIY SURFACE MOUNT

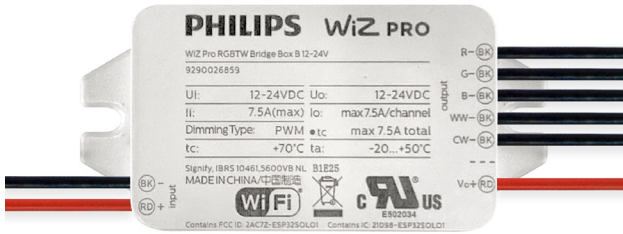
24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW



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, 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 |
| BR Bridgebox | CV96W Slim Profile WIZ Bridgebox | 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 |



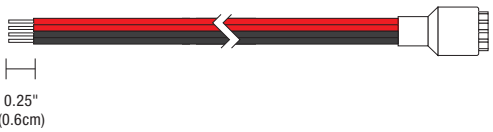
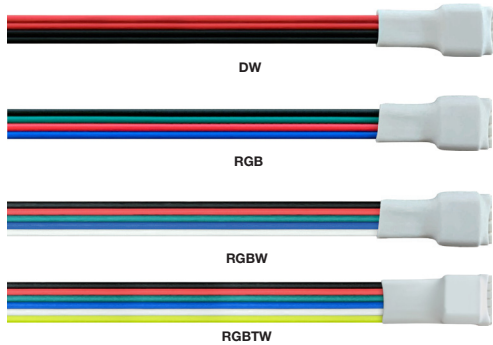
PURE SMART/WIZ PRO UR BRIDGEBOX

The Philips WIZ Pro Type UR RGBTW Bridgebox is a low-voltage Class 2 wireless control module designed for seamless integration within the WIZ Pro wireless control ecosystem. This version includes mounting holes. It operates on a 24V input voltage and is intended for use with Non-Dim PSBR (PSBR-96W-24VDC).

| Type | Color Temperature Options | System |
|-----------------|---|------------------|
| BRBOX | TC5W5 | LC |
| BRBOX Bridgebox | 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 |

LIGHT CHANNEL 45° DIY SURFACE MOUNT

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW



LIGHT CHANNEL POWER CONNECTOR

One Female Power Connector is included with each order of channel.

| 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) RGBW Red, Green, Blue, and White RGBTW Red, Green, Blue, and Tunable White |



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.

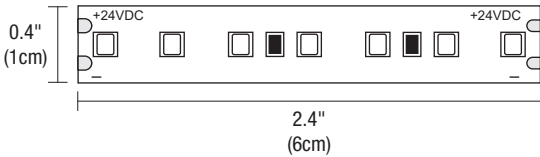
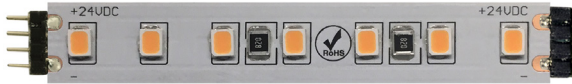
| System | Type | Product | Size | Color Temperature |
|--------------------------------------|----------------------------------|----------------------|--|---|
| SS | CFX | CON | 12IN | DW |
| SS Stomp Strip/ Soft Strip | CFX Flexible Connector | CON Connector | 12IN 12 Inches 72IN 72 Inches | DW Static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

STOMP STRIP, STATIC WHITE

24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



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

FEATURES & BENEFITS

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

LAMP

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

SPECIFICATIONS

- 24VDC
- 2.5, 4.4, or 7.3 watts per foot
- Sold in 1' increments
- Field-cutable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

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

24VDC, Class 2 wiring

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

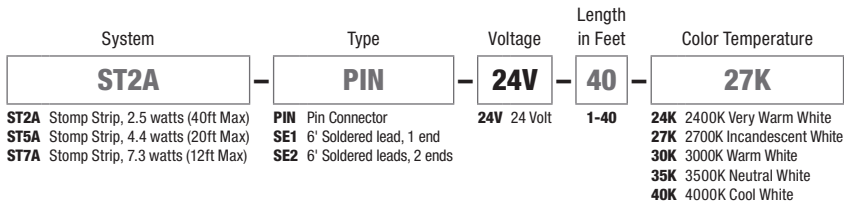
*In-Wall Mounting and drop ceiling kits available for select power supplies

†ELV power supplies are not compatible with nLight

APPROVALS

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

| NOMINAL LAMP DATA | ST2A | | | | | ST5A | | | | | ST7A | | | | |
|-------------------------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|-----|-----|-----|------|
| WATTS PER FOOT | 2.5W | | | | | 4.4W | | | | | 7.3W | | | | |
| COLOR TEMPERATURE | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| LUMENS PER FOOT (lm/ft) | 284 | 287 | 299 | 343 | 362 | 525 | 531 | 553 | 634 | 669 | 811 | 820 | 854 | 980 | 1033 |
| LUMENS PER WATT (lm/w) | 114 | 115 | 120 | 137 | 145 | 119 | 121 | 126 | 144 | 152 | 111 | 112 | 117 | 134 | 142 |
| CRI | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ |



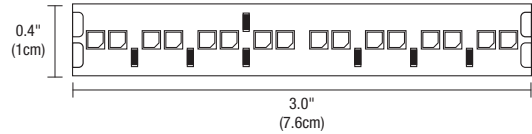
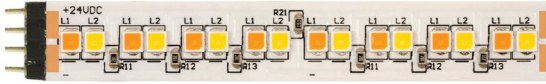
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| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



CAN'T STOMP ME OUT

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

FEATURES & BENEFITS

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC, 4.8 watts per foot - 20'

LAMP

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

SPECIFICATIONS

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

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

24VDC, Class 2 wiring

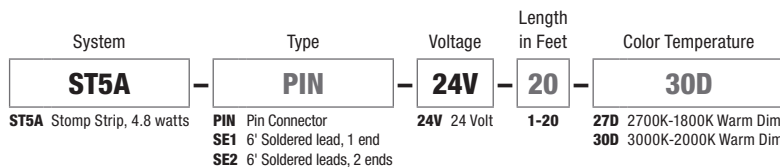
- [Home Integration Solutions](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Electronic Low Voltage \(ELV\)* 50W](#) (fits inside junction box)
- [ELV & TRIAC Smart Dimmer & Switch](#)
- [DALI/DALI-2](#)
- [Lutron Hi-Lume/Ecosystem](#)

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

APPROVALS

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

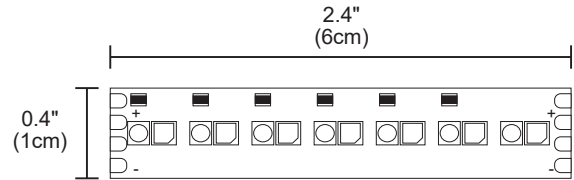
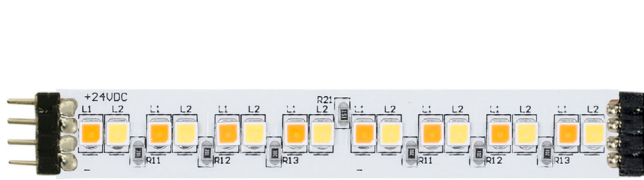
| NOMINAL LAMP DATA | ST5A | |
|-------------------------|------|-----|
| WATTS PER FOOT | 4.8W | |
| COLOR TEMPERATURE | 27D | 30D |
| LUMENS PER FOOT (lm/ft) | 606 | 631 |
| LUMENS PER WATT (lm/w) | 126 | 131 |
| CRI | 94+ | 94+ |



| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

PRO WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS & SOLDERED LEADS



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
- Available in 2W, 5W, & 7W watts per foot
- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- The 0.4" (10mm) wide strip contains 35 LEDs per foot (7 LEDs per 2.4" Increment): Tight spacing of LEDs produce uniform light distribution without visible diodes or pixelation when used within a diffused lens
- Gold Plated Contacts: Prevent oxidation ensuring longevity of the LEDs
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Applications: Indoor, damp and dry locations
- Warranty: Includes a 5-year pro-rated warranty

MAXIMUM LENGTHS BEFORE RE-FEEDING

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

LAMP

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

SPECIFICATIONS

- 24VDC, 120-277VAC Input
- 2.5, 5, and 7.5 watts per foot
- Sold in 1' increments
- Field-cutable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

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

24VDC, Class 2 wiring

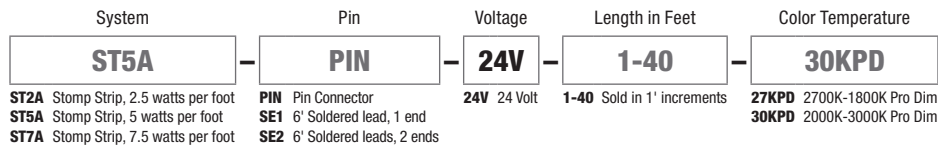
- [Home Integration Solutions](#)
- [Pro Dim Power Supplies & Controls](#)

*In-Wall Mounting Kits available for select Power Supplies

APPROVALS

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

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



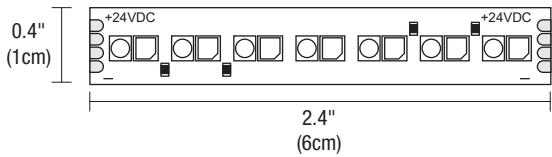
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| PROJECT | | FIXTURE TYPE | | DATE | |
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STOMP STRIP, TUNABLE WHITE

24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



CAN'T STOMP ME OUT

Our Low Voltage Tunable White Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ CRI. Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). Tunable white lighting visually, biologically and emotionally contributes to human interaction with the physical world. Human centric lighting (HCL) builds on this technology bringing the dynamics of natural daylight indoors, and delivering a positive effect on human health, well-being and performance. Stomp Strip is used for our **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

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

LAMP

- Tunable White: 2000K-6500K (**2K6K**) and 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- Average life: 50,000 hours

SPECIFICATIONS

- 24VDC
- 2.5, 4.6, or 7.5 watts per foot
- Sold in 1' increments
- Field-cutable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

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

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

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

MAXIMUM LENGTHS BEFORE RE-FEEDING

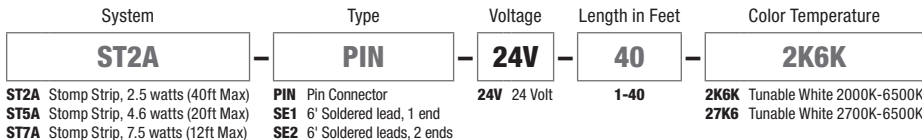
- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.6 watts per foot - 20'
- 7WDC, 7.5 watts per foot - 12'

APPROVALS

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

| NOMINAL LAMP DATA | ST2A 2K6K | | | | | | | | | | ST5A 2K6K | | | | | | | | | | ST7A 2K6K | | | | | | | | | |
|-------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|--|--|--|
| WATTS PER FOOT | 2.5 Watts | | | | | | | | | | 4.6 Watts | | | | | | | | | | 7.5 Watts | | | | | | | | | |
| COLOR TEMPERATURE | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | | | |
| LUMENS PER FOOT (lm/ft) | 152 | 154 | 156 | 158 | 160 | 165 | 180 | 194 | 208 | 368 | 383 | 398 | 413 | 428 | 458 | 491 | 496 | 500 | 512 | 536 | 560 | 584 | 608 | 656 | 691 | 698 | 705 | | | |
| LUMENS PER WATT (lm/w) | 82 | 77 | 78 | 79 | 80 | 82 | 90 | 97 | 115 | 80 | 80 | 83 | 86 | 89 | 95 | 102 | 103 | 109 | 80 | 74 | 78 | 81 | 84 | 91 | 96 | 97 | 110 | | | |
| CRI | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | | | |

| NOMINAL LAMP DATA | ST2A 27K6 | | | | | | | | ST5A 27K6 | | | | | | | | ST7A 2K6K | | | | | | | |
|-------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|--|--|--|
| WATTS PER FOOT | 2.5 Watts | | | | | | | | 4.6 Watts | | | | | | | | 7.5 Watts | | | | | | | |
| COLOR TEMPERATURE | 27K | 30K | 35K | 40K | 45K | 57K | 65K | 27K | 30K | 35K | 40K | 45K | 57K | 65K | 27K | 30K | 35K | 40K | 45K | 57K | 65K | | | |
| LUMENS PER FOOT (lm/ft) | 164 | 195 | 201 | 206 | 225 | 242 | 231 | 411 | 420 | 436 | 452 | 447 | 443 | 442 | 555 | 567 | 589 | 610 | 603 | 598 | 596 | | | |
| LUMENS PER WATT (lm/w) | 82 | 78 | 80 | 82 | 90 | 97 | 115 | 103 | 91 | 95 | 98 | 97 | 96 | 110 | 87 | 79 | 82 | 85 | 84 | 83 | 93 | | | |
| CRI | 94+ | 93+ | 92+ | 92+ | 92+ | 92+ | 91+ | 94+ | 93+ | 92+ | 92+ | 92+ | 92+ | 91+ | 94+ | 93+ | 92+ | 92+ | 92+ | 92+ | 91+ | | | |



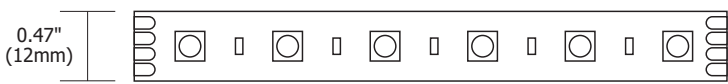
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| PROJECT | | FIXTURE TYPE | | DATE | |
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SOFT STRIP, RGB

24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



DESCRIPTION

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

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 2.6 or 5 watts per foot
- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Maximum Lengths Before Re-feeding: SS3- 36', SS5- 20'
- Sold in 1' increments
- Field-cutttable in increments: SS3- 4" SS5- 2.4"
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MAXIMUM LENGTHS BEFORE RE-FEEDING

SS3, 2.6 watts per foot - 36'

SS5, 5 watts per foot - 20'

MOUNTING

Self-adhering, 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') | SE1 6' Soldered lead, 1 end SE2 6' Soldered leads, 2 ends | | | |

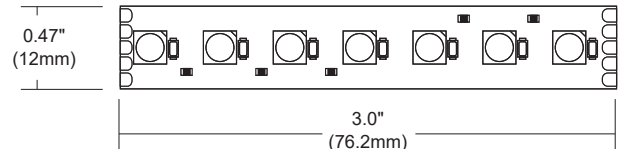
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| PROJECT | | FIXTURE TYPE | | DATE | |
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SOFT STRIP, RGB+WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.24



DESCRIPTION

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

SPECIFICATIONS

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

MOUNTING

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

LAMP

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

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

24VDC, CLASS 2 WIRING

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

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

ACCESSORIES (SOLD SEPARATELY)

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

APPLICATIONS

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

APPROVALS

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

| System | Type | Voltage | Length in Feet | Color Temperature |
|-----------------------------------|---|-------------|-------------------------------|---|
| SS6 | PIN | 24V | 16 | RGB20K |
| SS6 Soft Strip 6.3 watts per foot | PIN Pin Connector SE1 6' Soldered lead, 1 end SE2 6' Soldered leads, 2 ends | 24V 24 Volt | 1-16 Sold in 1 ft. increments | RGB20K Red, Green, Blue + White 2000K RGB27K Red, Green, Blue + White 2700K Special Order RGB30K Red, Green, Blue + White 3000K Special Order RGB40K Red, Green, Blue + White 4000K Special Order |

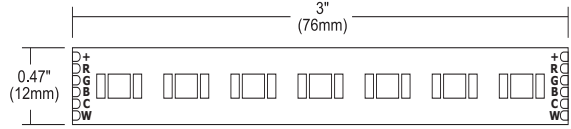
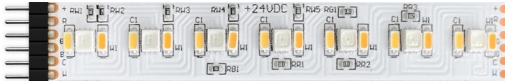
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| PROJECT | | FIXTURE TYPE | | DATE | |
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TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

24VDC, 5 CHANNEL CONTROL, WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 12.02.24



DESCRIPTION

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

FEATURES & BENEFITS

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

LAMP PERFORMANCE

- **TruColor™ RGBTW** Red, Green, and Blue with Tunable White (**1500K-6500K**)
- S5W5 360lm/ft 5W @3000K
- S5W7 526m/ft 7W @3000K
- Average Life: 50,000 hours

AVERAGE PERFORMANCE 2000K-5500K

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

SPECIFICATIONS

- 24VDC
- S5W5: 5W RGB & 5W Tunable White
- S5W7: 5W RGB & 7W Tunable White
- Sold in 1' increments
- Field-cutttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MAXIMUM LENGTHS BEFORE RE-FEEDING

- S5W5 – Pure Smart™ WiZ Pro: 20ft
- S5W7 – Pure Smart™ WiZ Pro: 12ft

REMOTE POWER SUPPLIES, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

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

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

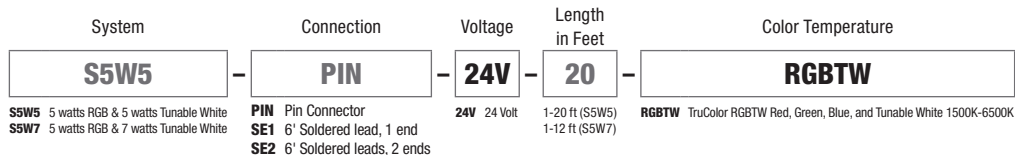
APPLICATIONS

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.

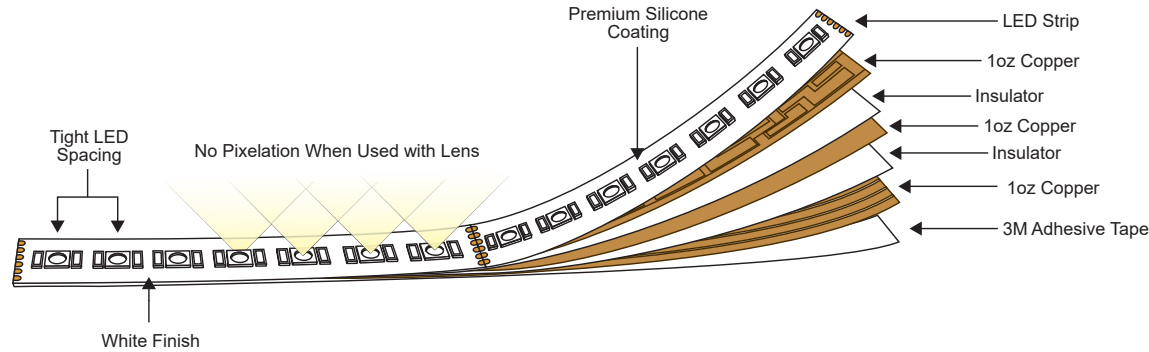
| NOMINAL LAMP DATA | | | | | | | | | | | | | | | | | | | |
|-------------------------|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------------------|--------|-------|-------|-------|--------|------|-------|-------|--|
| 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 | |



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

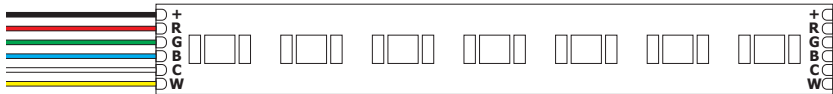
24VDC, 5 CHANNEL CONTROL



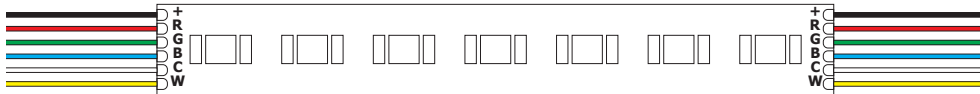
PIN CONNECTOR



6' SOLDERED LEAD, 1 END (SE1)



6' SOLDERED LEAD, 2 ENDS (SE2)



| 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

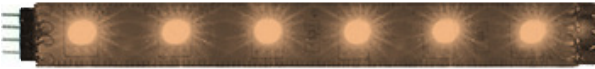
24VDC WITH PIN CONNECTORS & SOLDERED LEADS



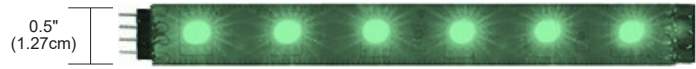
RRR - Red



BBB - Blue



AAA - Amber



GGG - Green

0.5"
(1.27cm)

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
- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- 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 \(TRIAC, ELV, 0-10V\)](#)
- [Electronic Low Voltage \(ELV\)*](#) 50W (fits inside junction box)
- ELV & TRIAC [Smart Dimmer & Switch](#)
- [DALI/ DALI 2](#)
- [Lutron](#) Hi-Lume/Ecosystem

*In-Wall Mounting Kits available for select power supplies

*ELV power supplies are not compatible with nLight

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 SE1 6' Soldered lead, 1 end SE2 6' Soldered leads, 2 ends | 24V 24 Volt | 1-36 1-36 feet | AAA Amber BBB Blue GGG Green RRR Red |

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

NOMINAL DELIVERED LUMENS

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

| | | | | | | | | | | | | | | | | | | | |
|------------|-----|------|------|------|------|------|-----|--------------|------|------|------|------|------|------|------|------|------|-----|--|
| 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 | | | |

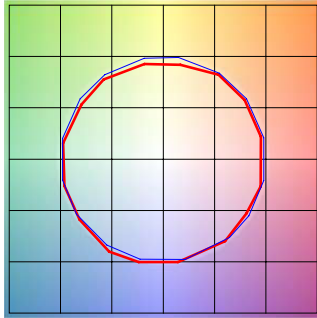
LED STRIP TM30 DATA

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

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

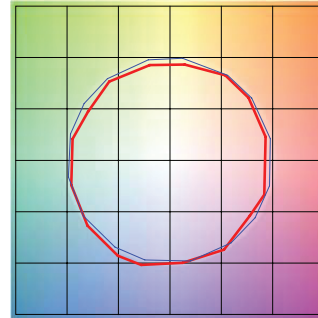


■ Test ■ Reference

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

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

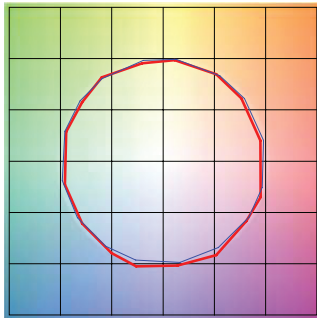


■ Test ■ Reference

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

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

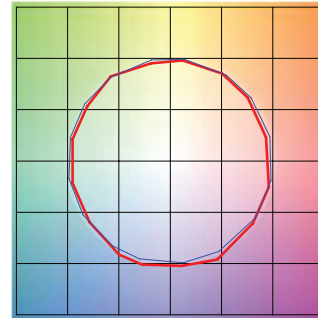


■ Test ■ Reference

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

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

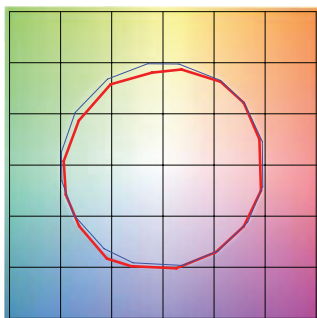


■ Test ■ Reference

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

4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

| | | 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% |

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

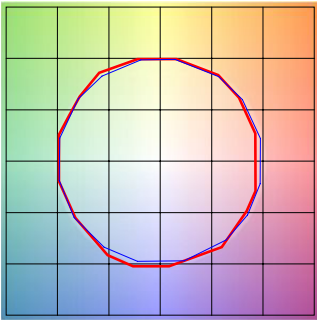
LED STRIP TM30 DATA

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

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

2700D | Rf: 90.7 | Rg: 101.1

Color Vector Graphic

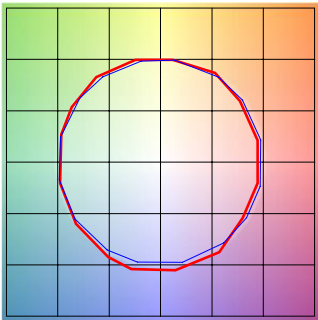


■ Test ■ Reference

| | | 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



■ Test ■ Reference

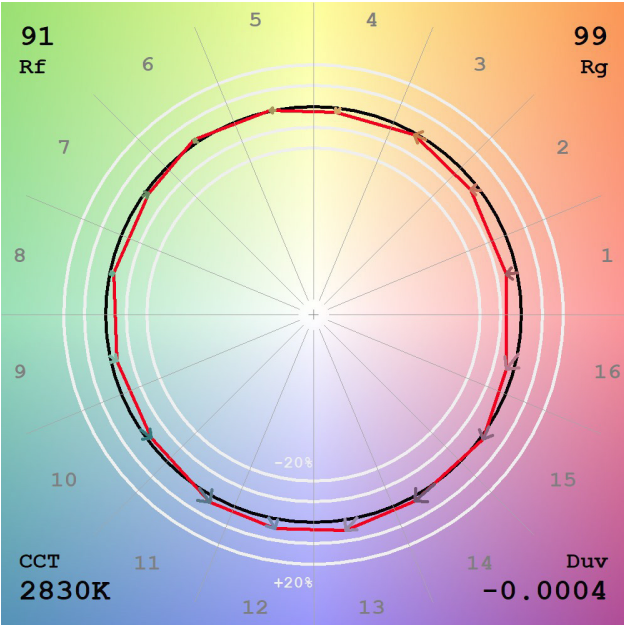
| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 91.5 | -3.5% | 1.3% |
| 2 | 92.2 | -1.8% | 3.0% |
| 3 | 89.3 | 0.5% | 4.8% |
| 4 | 92.7 | -1.1% | 0.6% |
| 5 | 93.3 | 0.5% | 1.4% |
| 6 | 93.8 | 2.7% | -0.8% |
| 7 | 91.2 | -2.1% | -0.2% |
| 8 | 97.0 | -0.5% | -0.7% |
| 9 | 92.5 | -0.7% | 3.8% |
| 10 | 88.3 | 0.9% | 7.1% |
| 11 | 87.5 | 3.9% | 7.6% |
| 12 | 88.2 | 6.2% | -0.2% |
| 13 | 89.9 | 3.4% | -6.0% |
| 14 | 86.9 | 4.4% | -8.5% |
| 15 | 91.9 | -1.9% | -2.9% |
| 16 | 84.7 | -1.3% | -10.6% |

LED STRIP TM30 DATA

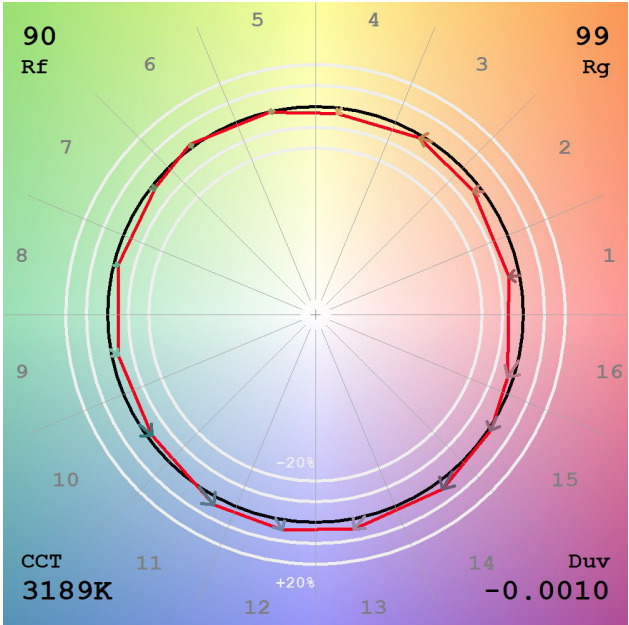
24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

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

2000K ONLY (30KPD)
View Angle: 2 Deg



3000K ONLY (30KPD)
View Angle: 2 Deg



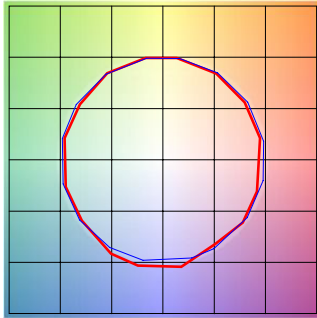
LED STRIP TM30 DATA

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

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

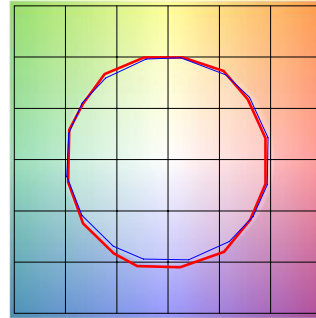


■ Test ■ Reference

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

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

Color Vector Graphic

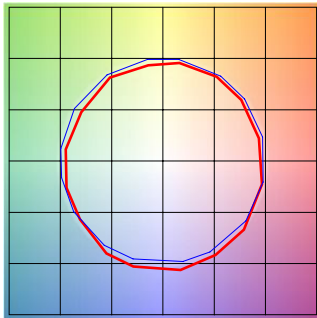


■ Test ■ Reference

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

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

Color Vector Graphic



■ Test ■ Reference

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

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

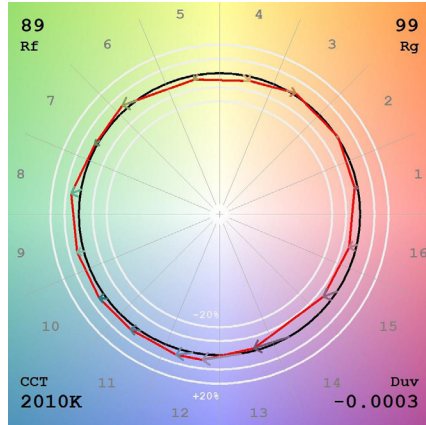
LED STRIP TM30 DATA

24VDC, STATIC WHITE & COLOR, WARM & PRO DIM, TUNABLE WHITE, RGB, RGBW & RGBTW

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

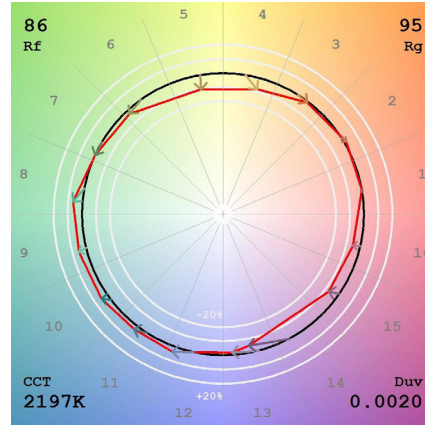
2000K (TruColor™ RGBTW)

View Angle: 2 Deg



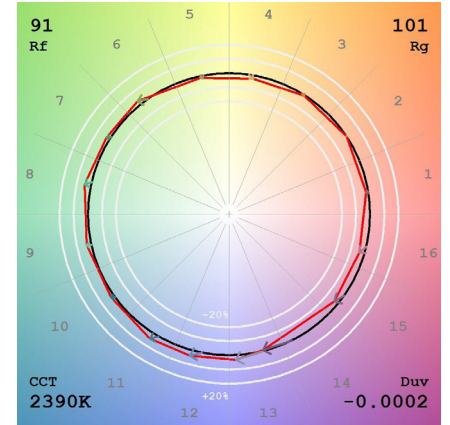
2200K (TruColor™ RGBTW)

View Angle: 2 Deg



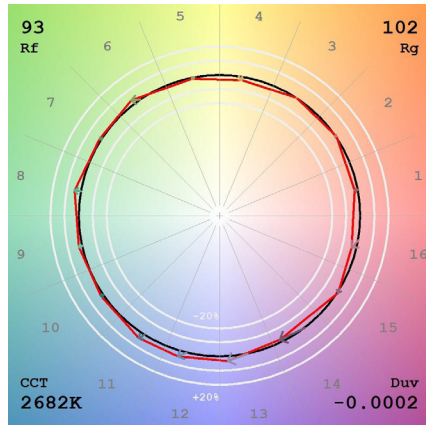
2400K (TruColor™ RGBTW)

View Angle: 2 Deg



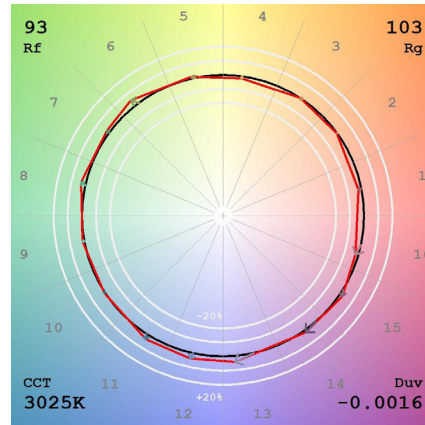
2700K (TruColor™ RGBTW)

View Angle: 2 Deg



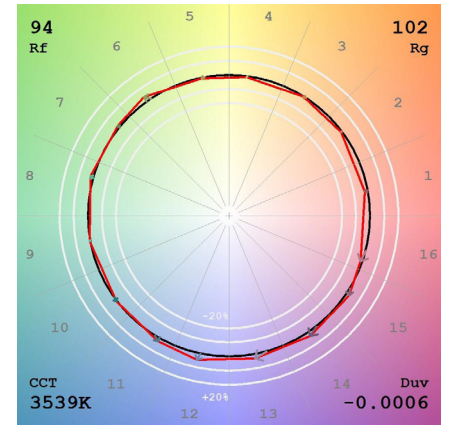
3000K (TruColor™ RGBTW)

View Angle: 2 Deg



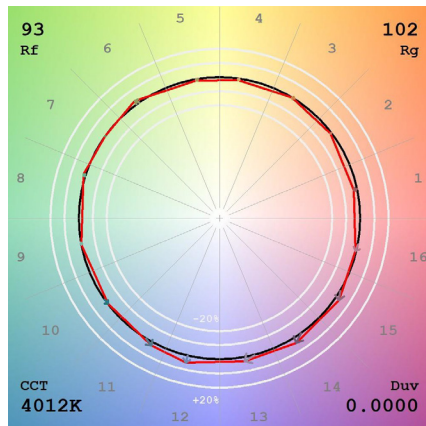
3500K (TruColor™ RGBTW)

View Angle: 2 Deg



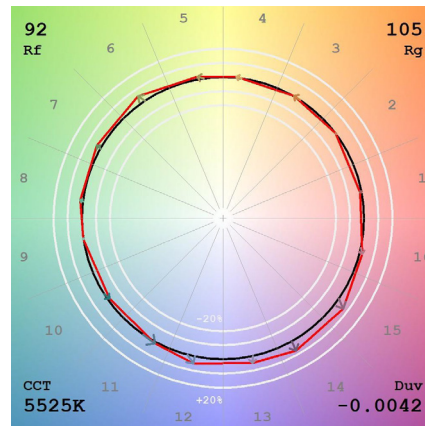
4000K (TruColor™ RGBTW)

View Angle: 2 Deg



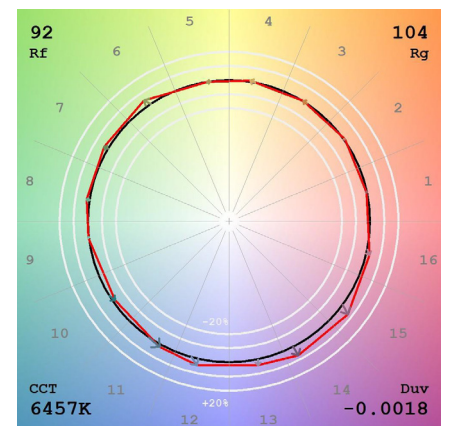
5700K (TruColor™ RGBTW)

View Angle: 2 Deg



6500K (TruColor™ RGBTW)

View Angle: 2 Deg



| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|