

DESCRIPTION

PureEdge's RGB+Tunable White White (**SS5**) provides dynamic color effects with red, green, blue plus two white color temperatures. Our color-changing LED strip provides bright, continuous light, our focus on chromacity quality provides a balanced output across the color gamut, allowing the creation of millions of beautiful colors and pure white. The flexible strip is sold in 1' increments up to 20' with cutting increments every 4". At 5 watts per foot, RGB+Tunable White can be controlled using a compatible 24 volt DC power supply with an integrated DMX to DDP decoder as well as direct IP integration. Includes 5 year pro-rated warranty. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

FEATURES AND BENEFITS

- Intelligent reverse connect protection, the power supply reverse connection does not damage the IC
- The control circuit and the LED share the only power source
- Integration with both DMX and WiZ (Coming Q3) allowing for multiple control methods
- Individual control of segments or grouping segments, allowing multiple DMX channels per run
- Built-in electric reset circuit and power lost reset circuit
- Each pixel of the three primary color can achieve 256 brightness display, completed 16777216 color full color display
- TruColor support, allowing for 15K-65K
- Can change up to 120 times per second, allowing for more detailed effects
- Custom effect palette allowing for curated designs

SPECIFICATIONS

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

LAMP

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

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

24VDC, Class 2 wiring

- [PSB-DRGBTW-INT](#)
- [PSB-100W-DRGBTW-24VDC](#)
- [Color Touch Panel](#)

ACCESSORIES (SOLD SEPARATELY)

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

MOUNTING

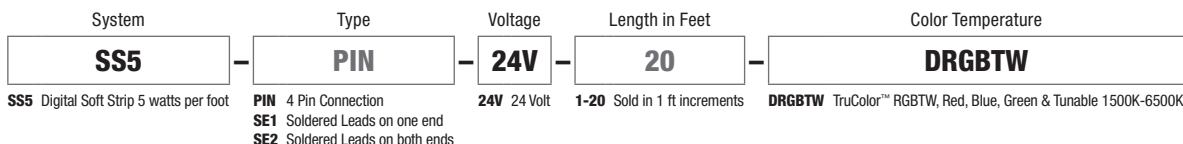
Self-adhering Soft Strip mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require a U-Strap **SS-SU** or a Tie Strap **SS-ST** (sold separately).

APPLICATIONS

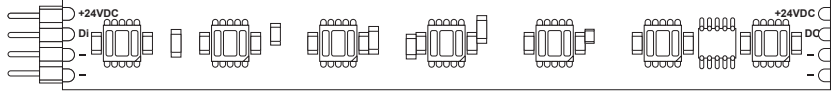
Designed for any Indoor space, including Damp locations. Ideal applications include residential, commercial, retail, and hospitality environments.

APPROVALS

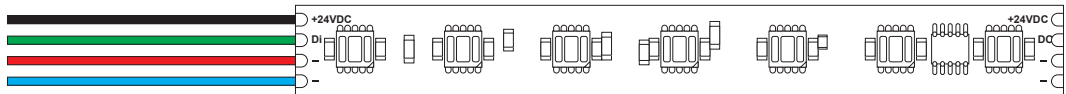
Damp Location, Class 2 wiring, ETL Listed



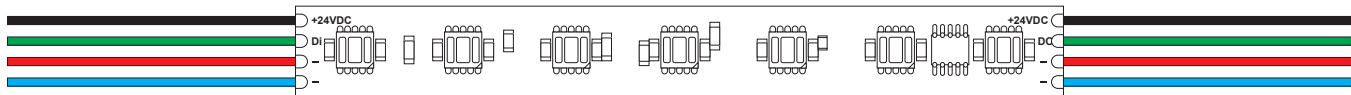
DRAWINGS



PIN
4 Pin Connection

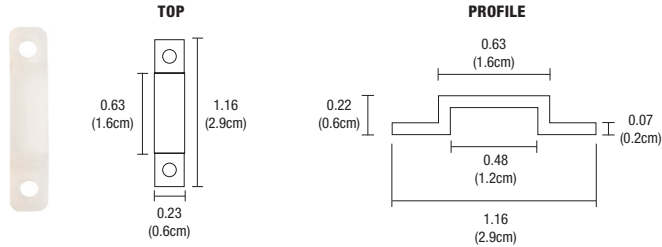


SE1
6' Soldered Lead on One End



SE2
6' Soldered Lead on Both Ends

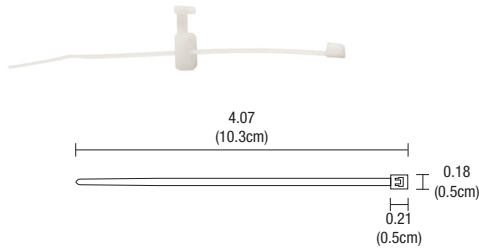
ACCESSORIES



U-STRAP

Use every 6-12 inches for extra support (30/package).

Product	Type
SS	SU
SS Strip Strap	SU U-Strap



TIE STRAP

Use every 6-12 inches for extra support (30/package).

Product	Type
SS	ST
SS Strip Strap	ST Tie Strap



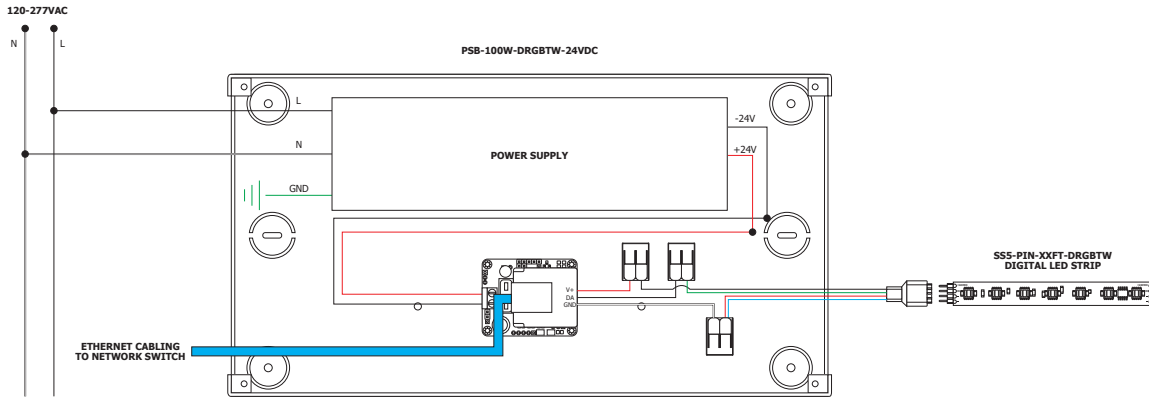
POWER FEED/FLEXIBLE CONNECTOR

Flexible connectors link two sections of LED Strip end to end. To use as a Power Feed cut off the male end, and connect to the power supply.

Product	Type	Size	Color Temperature
SS	CFX	3IN	RGB
SS Stomp Strip/Soft Strip	CFX Flexible Connector	3IN 3 inches 6IN 6 inches 12IN 12 inches 36IN 36 inches 96IN 96 inches 144IN 144 inches	RGB Red, Green, Blue

WIRING DIAGRAMS

SINGLE POWER SUPPLY



MULTIPLE POWER SUPPLIES & DMX CONTROLLER

