HIGH OUTPUT STRIP, STATIC WHITE

24VDC WITH PINS & SOLDERED LEADS

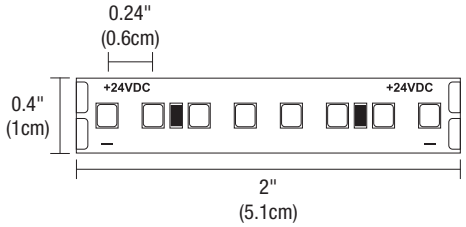
PROJECT

FIXTURE TYPE

DATE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.02.25



High Lumen Output with Unmatched Color Quality

Our Low Voltage LED strips are engineered for powerful illumination, delivering up to over 2581 lumens per foot while sustaining efficacy above 196 lumens per watt. With 95+ CRI values across the entire range, these strips provide true-to-life color rendering and industry-best consistency through single-binned LEDs.

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

FEATURES & BENEFITS

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

SPECIFICATIONS

- 24VDC
- 1, 2, 3, 5, 7, or 10 watts per foot
- Sold in 1' increments
- Field-cuttable in 2" increments
- Operating ambient temperature: -22°F to 140°F (-30°C to 60°C)

LAMP

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

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

24VDC, Class 2 wiring

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

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

MAKE IT SMART

- Pure Smart™ WiZ Pro Controls

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 1WDC, 1 watts per foot - 50'
- 2WDC, 2 watts per foot - 40'
- 3WDC, 3 watts per foot - 30'
- 5WDC, 5 watts per foot - 20'
- 7WDC, 7 watts per foot - 12'
- 10WDC, 10 watts per foot - 10'

APPROVALS

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

NOMINAL LAMP DATA	SS1B				SS2B				SS3B				SS5B				SS7B				SS10B			
WATTS PER FOOT	1W				2W				3W				5W				7W				10W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	309	321	325	324	493	508	522	501	710	743	751	724	1005	1016	1104	1036	1344	1394	1502	1433	1903	1960	2102	2074
LUMENS PER WATT (lm/w)	172	179	186	184	172	179	186	184	170	254	185	179	165	170	182	178	161	166	180	175	156	157	174	171
CRI	95	96	93	93	95	94	93	93	96	94	93	93	95	94	93	93	95	94	93	93	94	94	93	94

System	Type	Voltage	Length in Feet	Color Temperature
SS10B	SE2	24V	50	40K

SS1B High Output Strip, 1 Watts (50ft Max)
SS2B High Output Strip, 2 Watts (40ft Max)
SS3B High Output Strip, 3 Watts (30ft Max)
SS5B High Output Strip, 5 Watts (20ft Max)
SS7B High Output Strip, 7 Watts (12ft Max)
SS10B High Output Strip, 10 Watts (10ft Max)

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

24V 24 Volt

1-50

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

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PURE EDGE Pure Smart Lighting

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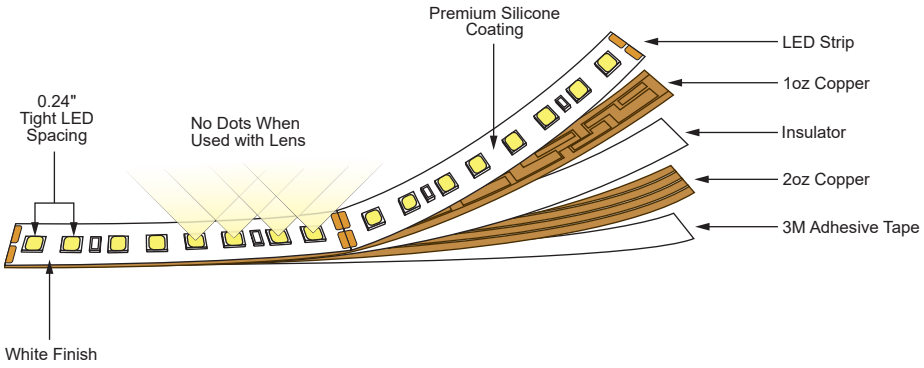
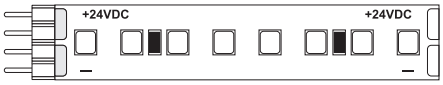
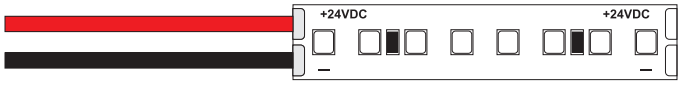


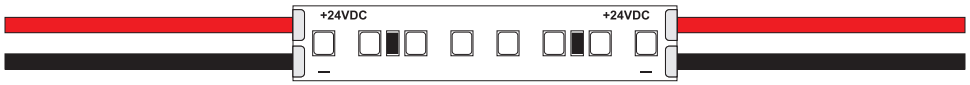
Pin Connector



6' Soldered lead, 1 end **(SE1)**



6' Soldered lead, 2 ends **(SE2)**



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STOMP STRIP & SOFT STRIP ACCESSORIES

SNAP & LIGHT SOLDERLESS CONNECTORS

PURE EDGE™ Pure Smart Lighting

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ACCESSORIES

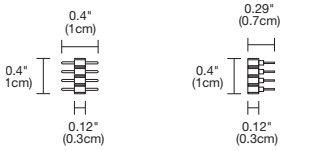
Static White (Warm Dim & Monochromatic Color Compatible)

RGB (Tunable White Compatible)

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**	**36IN**	**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** (Tunable White Compatible) **Leave Blank for Static White, Warm Dim, and Monochromatic Color**

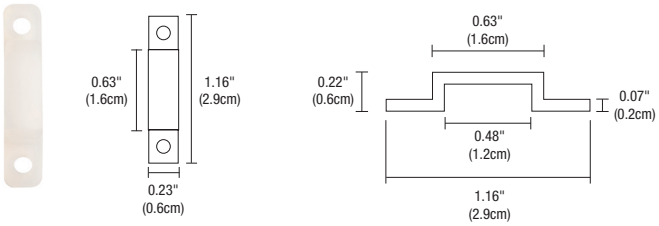


Male Connector Female Connector

PIN CONNECTORS

Extra soldering pin connectors. Male and female.

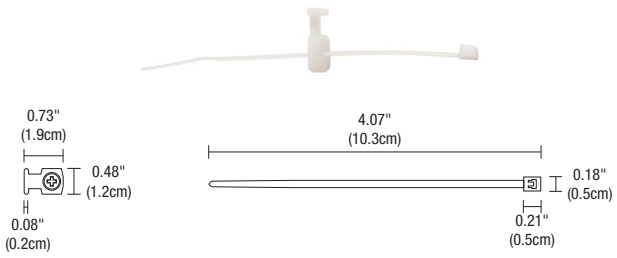
System	Product	Type
SS	**ML**	**CON**
SS Stomp Strip/Soft Strip	**FE** Female Connector **ML** Male Connector	**CON** Connector



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

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TM30 DATA

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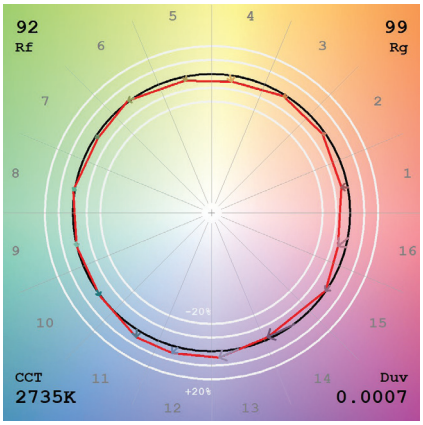
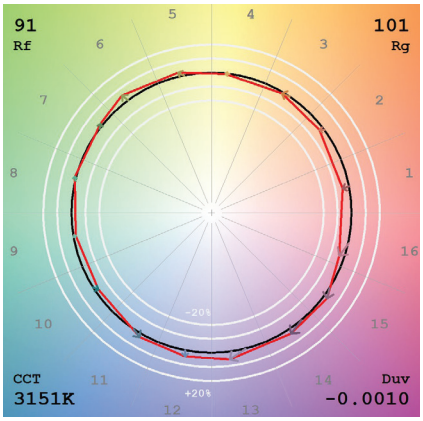
TM-30-15 DATA: The data below is for bare High Output LED Static White Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

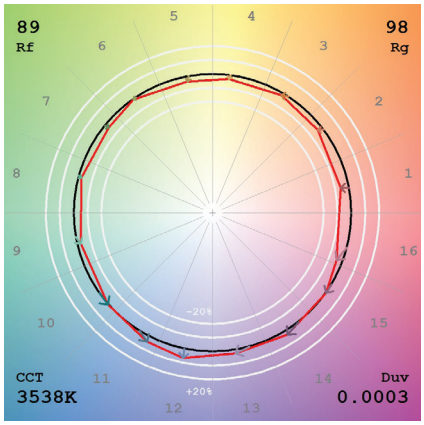
2700K (High Output - Static White)



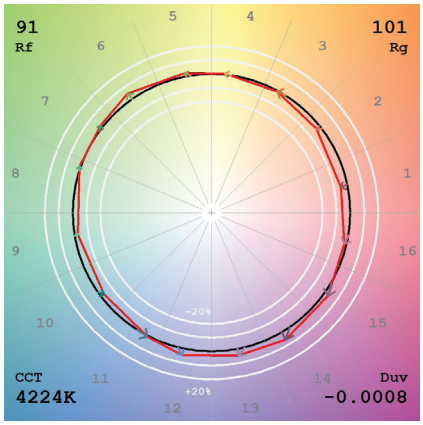
3000K (High Output - Static White)



3500K (High Output - Static White)



4000K (High Output - Static White)



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