

LAZER STRIP COB™ TUNABLE WHITE

5 WATT 24VDC

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REV 05.07.25



2K4K - 2000K-4000K Tunable White

FEATURES & BENEFITS

- Tunable White 2000K-4000K (**2K4K**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 4000K (Cool White)
- 148 LEDs per foot provide uniform light distribution without pixelation
- Pin connectors or soldered leads for fast labor during installation
- Gold Plated Contacts prevent oxidation to ensure longevity of LED
- 4 oz of copper with 12 mm wide board provides better heat dissipation and less voltage drop
- Up to 94+ CRI
- Solid State Power Supply offers 85-90% efficiency
- Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC LED Lazer Strip with 120° beam angle
- Power: 4.4 watts per foot
- May be field-cut in 2.4" increments
- Sold in 1' long increments
- Class 2 Damp Listing; 100 watt limit per power supply
- 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 including ceiling, walls, cabinets and drawers
- Additional Pin Connectors and Mounting Straps may be needed for some applications (sold separately)

LAMP

- Tunable White: 2000K-4000K (**2K4K**) grants independent control for adjusting color temperature and intensity.
- Average life is 50,000 hours

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

24VDC, Class 2 wiring

- [Pure Smart™ Wiz Pro Power Supplies & Controls](#)
- [0-10V](#) Requires two dimmers, one for intensity and one for color temperature
- [DMX Dynamic Color Changing](#): Must be used with PureEdge [Controllers](#)

*In-Wall Mounting Kits available for select power supplies

INCLUDED COMPONENTS

- LS5 24VDC LED Lazer Strip
- 3M™ Adhesive Tape Backing

ACCESSORIES (SOLD SEPARATELY)

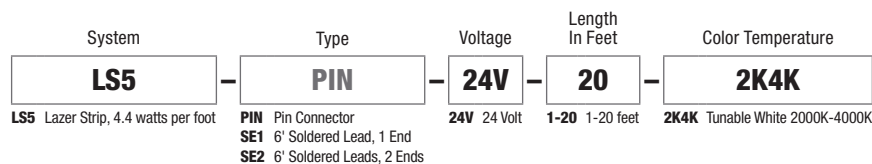
- 24VDC Connectors
- Flexible Connectors
- Mounting Straps

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/COMPLIANCE

ETL, Class 2, Damp Rated, RoHS



PROJECT		FIXTURE TYPE		DATE	
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5 WATT 24VDC

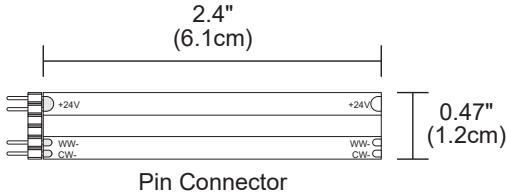
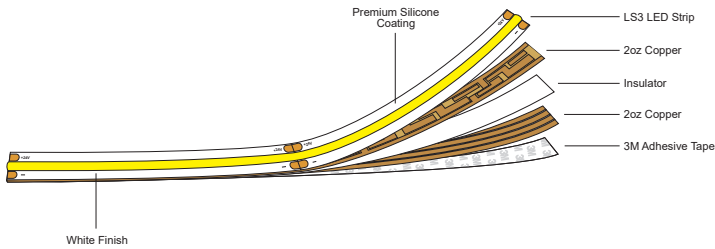
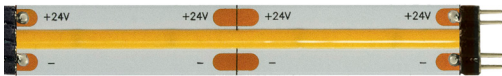
REV 05.07.25

LAMP DATA

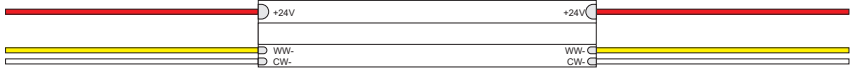
	TUNABLE WHITE 2K4K LAZER STRIP						
WATTS PER FOOT	LS5 (4.4 watts)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	138	196	254	312	370	303	236
LUMENS PER WATT (lm/w)	54	63	69	73	76	82	93
CRI	94	96	96	96	96	96	93

POWER CONSUMPTION PER LINEAR FOOT

LS5 24VDC LAZER STRIP (4.4 WATTS PER FOOT) MAXIMUM LENGTH BEFORE REFEEDING: 20FT																				
LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TOTAL WATTAGE	5	10	15	20	24	29	34	39	44	48	53	58	63	68	72	77	82	87	92	96



6' Soldered Lead, 1 end SE1



6' Soldered Lead, 2 ends SE2

PROJECT		FIXTURE TYPE		DATE	
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LAZER STRIP ACCESSORIES

PINS & SOLDERED LEADS



POWER FEED CONNECTOR

Female power feed connector cord conducts power from the power supply to the male end of the Lazer strip.

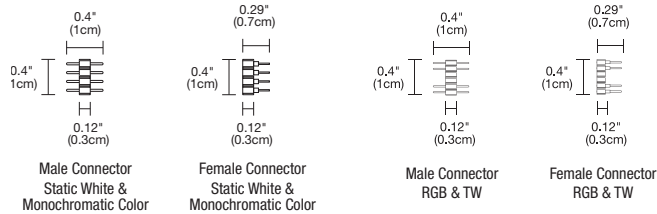
System	Type	Size	Color Temperature
LS	PFE	12FT	
LS Lazer Strip	PFE Power Feed Connector Cord	6FT 6 Feet 8FT 8 Feet 12FT 12 Feet	RGB Red, Green, & Blue TW Tunable White Leave Blank for Static White and Monochromatic Color



FLEXIBLE CONNECTOR

Flexible connectors link two sections of Lazer Strip end to end.

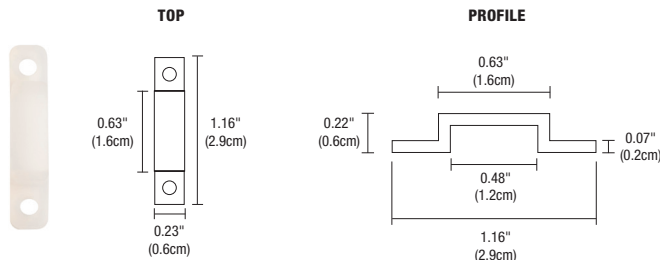
System	Product	Type	Size	Color Temperature
LS	CFX	CON	12IN	
LS Lazer Strip	CFX Flexible Connector	CON Connector	12IN 12 inches 72IN 72 inches	RGB Red, Green, & Blue TW Tunable White Leave Blank for Static White and Monochromatic Color



PIN CONNECTORS

Extra soldering pin connectors. Male and female.

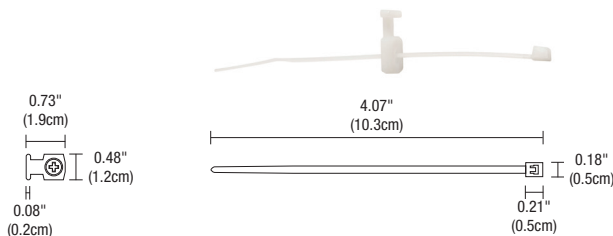
System	Product	Type	Color Temperature
LS	ML	CON	
LS Lazer Strip	FE Female Connector ML Male Connector	CON Connector	RGB Red, Green & Blue (Tunable White compatible) Leave Blank for Static White and Monochromatic Color



LAZER STRIP U-STRAP

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

Product	Type
SS	SU
SS Strip Strap	SU U-Strap



LAZER STRIP TIE STRAP

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

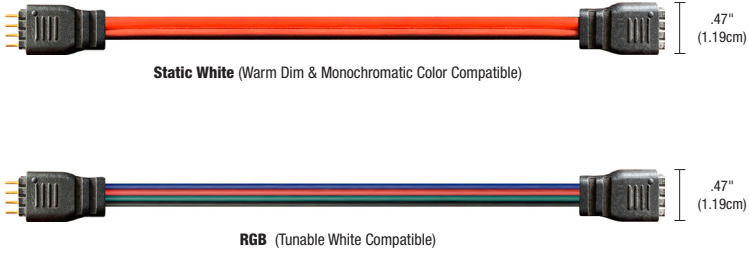
Product	Type
SS	ST
SS Strip Strap	ST Tie Strap

PROJECT	FIXTURE TYPE	DATE
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LAZER STRIP ACCESSORIES

PINS & SOLDERED LEADS

ACCESSORIES



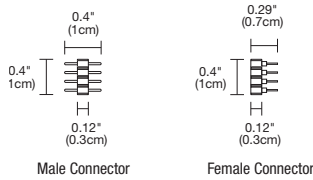
POWER FEED/FLEXIBLE CONNECTOR

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.

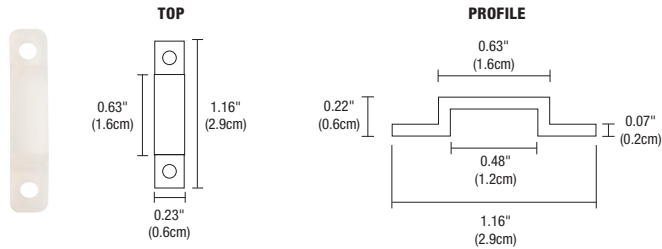
Product	Type	Size	Color Temperature
SS	CFX	3IN	
SS Stomp Strip/Soft Strip	CFX Flexible Connector	3IN 3 inches 6IN 6 inches 12IN 12 inches 36IN 36 inches 96IN 96 inches 144IN 144 inches	RGB (Tunable White Compatible) Leave Blank for Static White, Warm Dim, and Monochromatic Color

PIN CONNECTORS

Extra soldering pin connectors. Male and female.



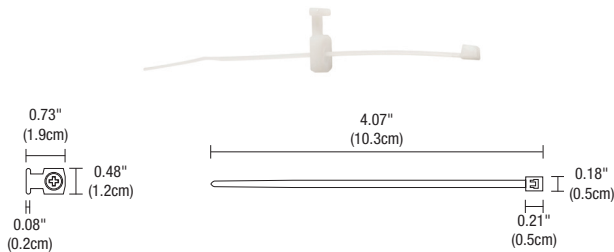
System	Product	Type
SS	ML	CON
SS Stomp Strip/Soft Strip	FE Female Connector ML Male Connector	CON Connector



U-STRAP

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

Product	Type
SS	SU
SS Strip Strap	SU U-Strap



TIE STRAP

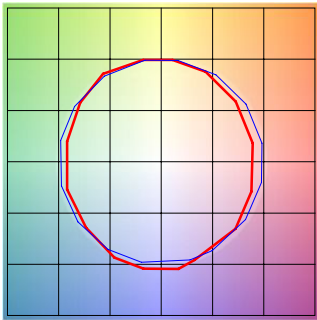
Use every 6-12 inches for extra support (30/package).

Product	Type
SS	ST
SS Strip Strap	ST Tie Strap

PROJECT		FIXTURE TYPE		DATE	
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TM-30-15 DATA: The data below is for 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.

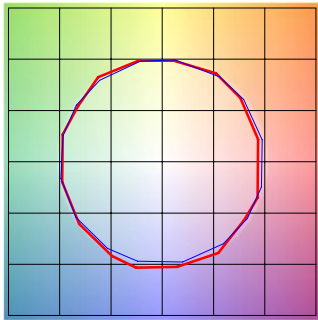
2000K ONLY (2K4K) | Rf: 84.3 | Rg: 96.9
Color Vector Graphic



Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.9%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

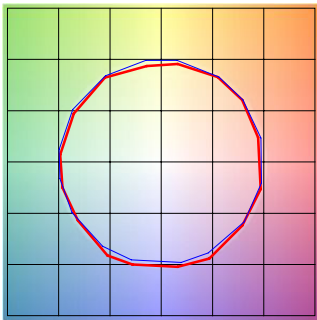
3000K (2K4K) | Rf: 90.2 | Rg: 101.4
Color Vector Graphic



Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.9	-3.8%	1.3%
2	91.7	-1.9%	3.3%
3	88.7	0.7%	5.1%
4	92.4	-1.0%	0.7%
5	92.9	0.9%	1.7%
6	93.1	3.3%	-0.6%
7	91.0	-1.8%	-0.4%
8	97.0	0.2%	-1.1%
9	92.8	-0.5%	3.6%
10	88.3	1.0%	7.0%
11	87.1	3.8%	7.8%
12	87.6	6.5%	-0.3%
13	89.3	3.6%	-6.3%
14	86.1	4.5%	-9.1%
15	91.6	-1.9%	-3.1%
16	83.8	-1.5%	-11.2%

4000K ONLY (2K4K) | Rf: 89.6 | Rg: 99.1
Color Vector Graphic



Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	91.3	-2.5%	1.0%
2	95.3	-0.5%	0.5%
3	94.3	-0.7%	1.1%
4	91.1	-3.4%	-1.1%
5	89.5	-5.6%	0.0%
6	94.6	-1.4%	1.3%
7	93.2	-3.0%	2.6%
8	91.3	-1.8%	4.6%
9	86.5	-0.9%	9.1%
10	83.3	-0.5%	9.5%
11	83.3	4.9%	9.0%
12	89.7	4.1%	1.7%
13	90.1	3.6%	-4.3%
14	93.4	5.2%	-2.1%
15	87.4	0.4%	-4.3%
16	86.6	0.4%	-6.1%