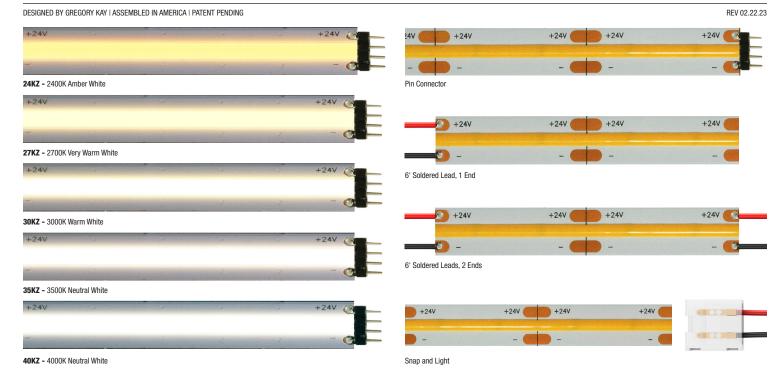


LAZER STRIP COB™ STATIC WHITE

3W & 5W, 24VDC





FEATURES & BENEFITS

- 148 LEDs per foot provide uniform light distribution without pixelation
- Offered with Snap & Light, Pin Connectors or, Pre-soldered leads reducing time and 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
- 24VDC LED Lazer Strip COB (Chip on Board) offers 5 static white color temperatures
- Up to 94+ CRI
- Solid State Power Supply offers 85-90% efficiency compared to magnetic at 80%
- Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC LED Lazer Strip with 120° beam angle
- Power: 3.3 or 4.4 watts per foot
- May be field-cut in 2.4" increments
- Sold in 1' 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, Mounting Straps, and Clips may be needed for some applications (sold separately)

LAMP

- Static White Color Temperatures: 2400K, 2700K, 3000K, 3500K, 4000K
- Average life is 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)
- Lutron Hi-Lume/Ecosystem
- *In-Wall Mounting Kits available for select power supplies

INCLUDED COMPONENTS

- 454 lm/ft @3000K
- LS3 or LS5 24VDC LED Lazer Strip
- 3M[™] Adhesive Tape Backing

ACCESSORIES (SOLD SEPARATELY)

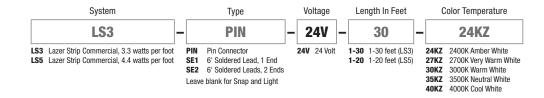
- 24VDC Power Jumpers
- Connectors
- Mounting Straps & Clips

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



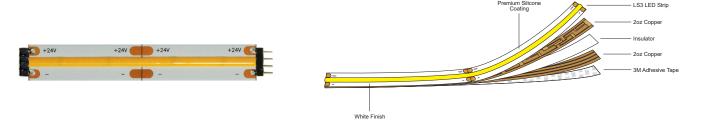
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LAZER STRIP COB™ STATIC WHITE

3W & 5W, 24VDC



REV 02.22.23



LAMP DATA

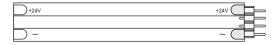
			LS3					LS5		
WATTS PER FOOT			3W (3.3 watts)					5W (4.4 watts)		
COLOR TEMPERATURE	24KZ	27KZ	30KZ	35KZ	40KZ	24KZ	27KZ	30KZ	35KZ	40KZ
LUMENS PER FOOT (Im/ft)	253	269	361	363	391	318	338	454	456	492
LUMENS PER WATT (Im/w)	77	82	109	110	119	72	77	103	104	112
CRI	90+	95+	95+	85+	85+	90+	95+	95+	85+	85+

POWER CONSUMPTION PER LINEAR FOOT

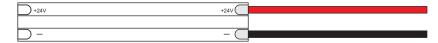
									1					TRIP BEF0	,				,											
LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
TOTAL WATTAGE	3.3	6.6	10	13.2	15	16.5	19.8	16.5	23.1	26.4	29.7	33	36.3	39.6	42.9	46.2	49.5	52.8	56.1	59.4	62.7	66	69.3	72.6	75.9	79.2	82.5	85.8	89.1	92.4

					I	LS5 STA			VDC LAZ		,			OT)						
LENGTH IN FEET	ENGTH 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

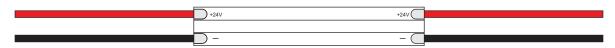


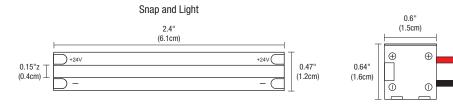


6' Soldered lead, 1 end SE1



6' Soldered lead, 2 ends SE2





PROJECT	FIXTURE TYPE	DATE	
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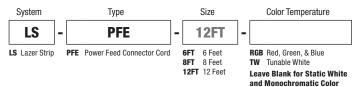


REV 02.22.23



POWER FEED CONNECTOR

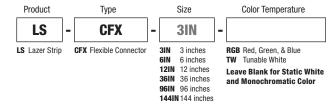
Female power feed connector cord conducts power from the power supply to the male end of the LED strip.

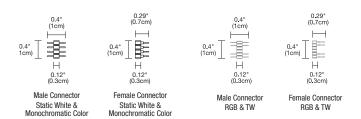




FLEXIBLE CONNECTOR

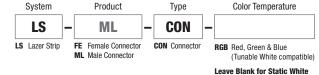
Flexible connectors link two sections of Lazer Strip end to end.



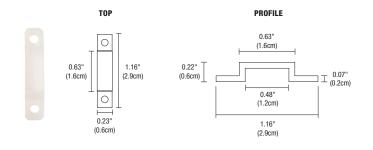


PIN CONNECTORS

Extra soldering pin connectors. Male and female.



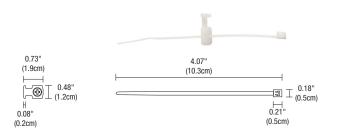
and Monochromatic Color



LAZER STRIP U-STRAP

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





LAZER STRIP TIE STRAP

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



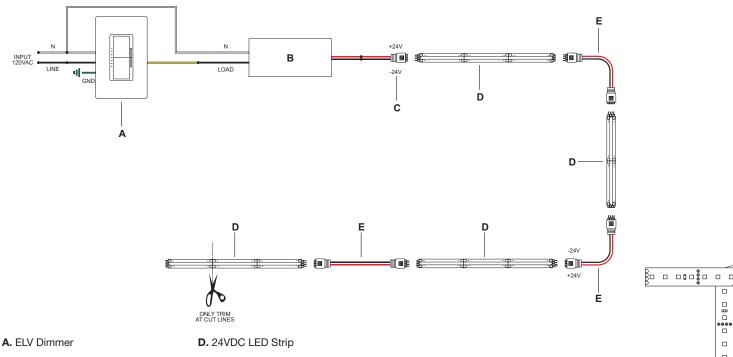
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REV 02.22.23

INDOOR ELECTRONIC LOW VOLTAGE DIMMING (ELV) SAMPLE WIRING DIAGRAM: The example below is using a PureEdge Class 2, 24VDC Universal **Power Supply**



B. Uni Power Supply

E. Flexible Connector

C. 24VDC Power Feed Connector

SNAP & LIGHT SOLDERLESS CONNECTORS



DESIGNED BY GREGORY KAY I ASSEMBLED IN AMERICA REV 02.22.23









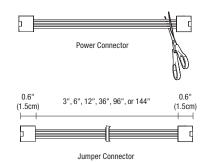


USING THE SNAP & LIGHT SOLDERLESS CONNECTORS:

Cutting and reconnecting our Lazer Strip is easy. All you need is a pair of scissors or any sharp device that will allow you to make a clean cut.

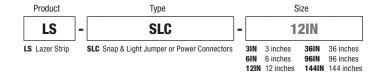
- 1. Cut the middle of joining contacts
- 2. Remove the protective coating from the contacts
- 3. Place the Lazer Strip end under the plastic guide and push it under the snap contacts
- 4. Close the cover
- 5. Snap the cover to secure in place

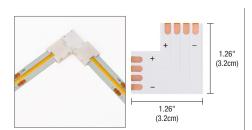




24VDC SOLDERLESS SNAP & LIGHT POWER/JUMPER CONNECTOR

Join 2 cut sections of LED Lazer Strip end to end. Power connector is required. Use as a jumper connector is optional. To use as a power connector cut and strip the wires.

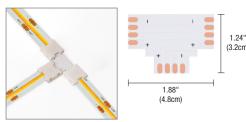




SOLDERLESS SNAP & LIGHT L-CONNECTOR

Join and conduct power to 2 sections of LED Lazer Strip in an L-shape.

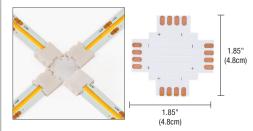




SOLDERLESS SNAP & LIGHT T-CONNECTOR

Join and conduct power to 3 sections of LED Lazer Strip in a T-shape.





SOLDERLESS SNAP & LIGHT X-CONNECTOR

Join and conduct power to 4 sections of LED Lazer Strip in an X-shape.



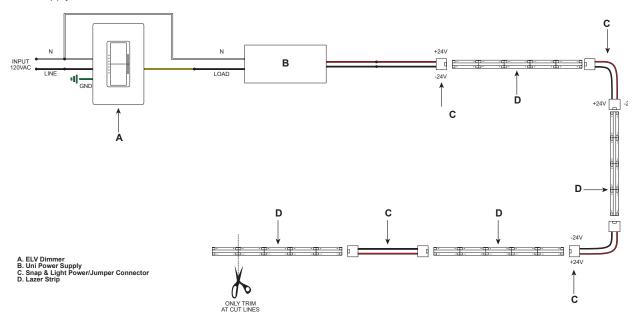
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SNAP & LIGHT SOLDERLESS CONNECTORS



REV 02.22.23

INDOOR ELECTRONIC LOW VOLTAGE DIMMING (ELV) SAMPLE WIRING DIAGRAM: The example below is using a PureEdge Class 2, 24VDC Universal Power Supply



A. ELV Dimmer

B. Universal Power Supply

C. 24VDC Solderless Snap & Light Power/Jumper Connector

D. 24VDC LED Strip

E. Solderless Snap & Light L-Connector

F. Solderless Snap & Light Straight Joiner



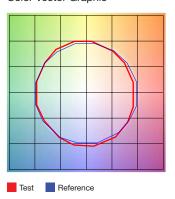
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REV 02.22.23

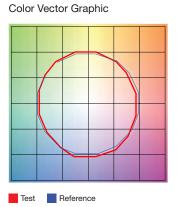
TM-30-15 DATA: The data below is for LS3 and LS5 bare Lazer Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

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



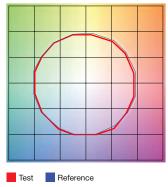
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	87.8	-5.8%	-0.5%
2	88.6	-4.7%	3.9%
3	85.2	-1.1%	6.5%
4	92.1	1.4%	3.8%
5	94.6	3.0%	3.2%
6	92.7	4.5%	0.4%
7	91.3	0.7%	-4.7%
8	95.7	0.3%	-2.3%
9	94.8	-2.2%	-0.8%
10	93.1	-2.5%	2.2%
11	91.7	1.0%	4.7%
12	88.4	3.0%	0.4%
13	87.6	4.3%	-9.4%
14	81.0	3.1%	-11.6%
15	89.8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

3000K | Rf: 90.7 | Rg: 99.7



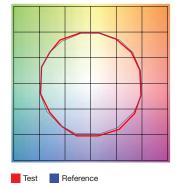
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	89.6	-5.1%	-0.6%
2	90.8	-3.7%	2.9%
3	87.7	-1.3%	5.6%
4	92.7	-0.1%	3.1%
5	94.3	1.7%	3.1%
6	94.2	3.0%	-0.3%
7	92.6	-0.7%	-3.4%
8	97.1	-0.3%	-1.4%
9	94.6	-2.4%	1.0%
10	90.4	-2.1%	4.8%
11	87.6	0.5%	7.9%
12	88.6	4.7%	2.0%
13	91.4	3.6%	-4.1%
14	86.8	4.6%	-8.4%
15	91.0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

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



		GRAPHIC	SHIFTS %
HUE BIN	Rf	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%

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



		GRAPHIC	SHIFTS %
HUE BIN	Rf	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%

LAZER STRIP COB™ MONOCHROMATIC COLOR

3W & 5W, 24VDC

+24V

RZ - Red

BZ - Blue

DESIGNED BY GREGORY KAY I ASSEMBLED IN AMERICA I PATENT PENDING











AZ - Amber

FEATURES & BENEFITS

- 148 LEDs per foot provide uniform light distribution without pixelation
- Offered with Snap & Light, Pin Connectors or, Pre-soldered leads reducing time and labor during installation
- Gold Plated Contacts prevent oxidation to ensure longevity of LED
- 4oz of copper with 12mm wide board provides better heat dissipation and less voltage drop
- · 24VDC LED Lazer Strip COB (Chip on Board)
- Monochromatic Color Options: Amber, Red, Blue, and Green
- Solid State Power Supply offers 85-90% efficiency compared to magnetic at 80%
- Average life is 50,000 hours
- Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC LED Lazer Strip with 120° beam angle
- Power: 3.3 or 4.4 watts per foot
- May be field-cut in 2.4" increments
- Sold in 1' 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
- Additional Connectors, Mounting Straps, and Clips may be needed for some applications (sold separately)

INCLUDED COMPONENTS

- LS3 or LS5 24VDC LED Lazer Strip
- 3M[™] Adhesive Tape Backing

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)
- Lutron Hi-Lume/Ecosystem

*In-Wall Mounting Kits available for select power supplies

ACCESSORIES (SOLD SEPARATELY)

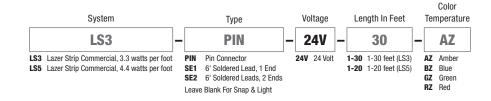
- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- · Mounting Straps & Clips

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



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LAZER STRIP COB™ MONOCHROMATIC COLOR

3W & 5W, 24VDC



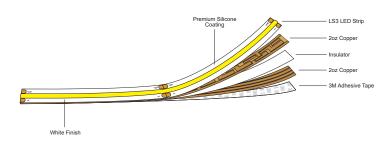
REV 02.22.23

POWER CONSUMPTION PER LINEAR FOOT

										LS3 2 MA			ZER S		,				,											
LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
TOTAL WATTAGE	3.3	6.6	10	13.2	15	16.5	19.8	16.5	23.1	26.4	29.7	33	36.3	39.6	42.9	46.2	49.5	52.8	56.1	59.4	62.7	66	69.3	72.6	75.9	79.2	82.5	85.8	89.1	92.4

						1				,	WATTS EFEEDIN		,							
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





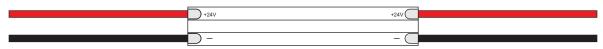
Pin Connector

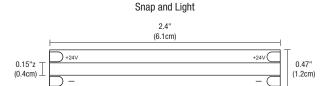


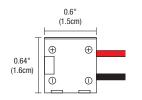
6' Soldered lead, 1 end SE1



6' Soldered lead, 2 ends SE2







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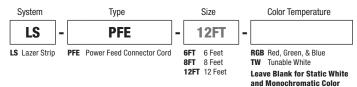


REV 02.22.23



POWER FEED CONNECTOR

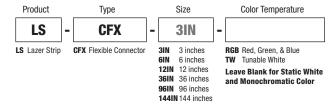
Female power feed connector cord conducts power from the power supply to the male end of the LED strip.

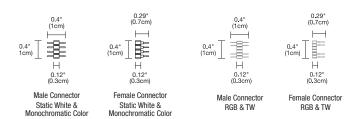




FLEXIBLE CONNECTOR

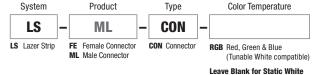
Flexible connectors link two sections of Lazer Strip end to end.



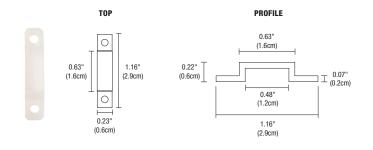


PIN CONNECTORS

Extra soldering pin connectors. Male and female.



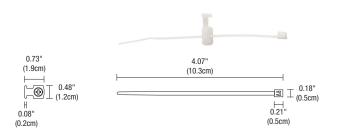
and Monochromatic Color



LAZER STRIP U-STRAP

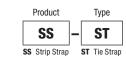
Use every 6 - 12 inches for extra support (30/package).





LAZER STRIP TIE STRAP

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



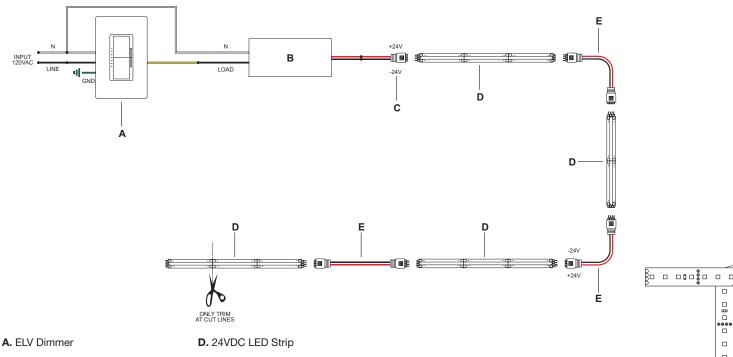
PROJECT	FIXTURE TYPE	DATE]
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REV 02.22.23

INDOOR ELECTRONIC LOW VOLTAGE DIMMING (ELV) SAMPLE WIRING DIAGRAM: The example below is using a PureEdge Class 2, 24VDC Universal **Power Supply**



B. Uni Power Supply

E. Flexible Connector

C. 24VDC Power Feed Connector

SNAP & LIGHT SOLDERLESS CONNECTORS



DESIGNED BY GREGORY KAY I ASSEMBLED IN AMERICA REV 02.22.23









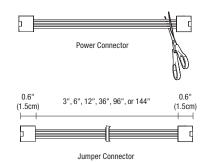


USING THE SNAP & LIGHT SOLDERLESS CONNECTORS:

Cutting and reconnecting our Lazer Strip is easy. All you need is a pair of scissors or any sharp device that will allow you to make a clean cut.

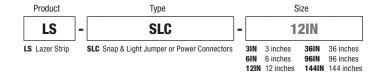
- 1. Cut the middle of joining contacts
- 2. Remove the protective coating from the contacts
- 3. Place the Lazer Strip end under the plastic guide and push it under the snap contacts
- 4. Close the cover
- 5. Snap the cover to secure in place

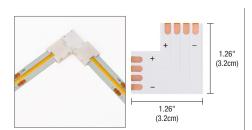




24VDC SOLDERLESS SNAP & LIGHT POWER/JUMPER CONNECTOR

Join 2 cut sections of LED Lazer Strip end to end. Power connector is required. Use as a jumper connector is optional. To use as a power connector cut and strip the wires.

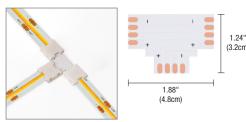




SOLDERLESS SNAP & LIGHT L-CONNECTOR

Join and conduct power to 2 sections of LED Lazer Strip in an L-shape.

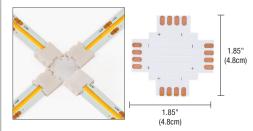




SOLDERLESS SNAP & LIGHT T-CONNECTOR

Join and conduct power to 3 sections of LED Lazer Strip in a T-shape.





SOLDERLESS SNAP & LIGHT X-CONNECTOR

Join and conduct power to 4 sections of LED Lazer Strip in an X-shape.



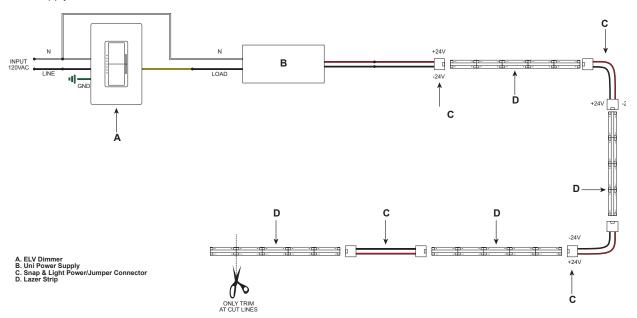
PROJECT	FIXTURE TYPE		DATE	
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SNAP & LIGHT SOLDERLESS CONNECTORS



REV 02.22.23

INDOOR ELECTRONIC LOW VOLTAGE DIMMING (ELV) SAMPLE WIRING DIAGRAM: The example below is using a PureEdge Class 2, 24VDC Universal Power Supply



A. ELV Dimmer

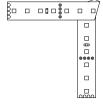
B. Universal Power Supply

C. 24VDC Solderless Snap & Light Power/Jumper Connector

D. 24VDC LED Strip

E. Solderless Snap & Light L-Connector

F. Solderless Snap & Light Straight Joiner



PROJECT FIXTURE TYPE DATE
