Installation Instructions for Lazer Strip COB™ Snap and Light Static White & Color, 3W and 5W 24VDC

IMPORTANT INFORMATION

- Conforms to UL STD 1598 & UL STD 2108 Certified to CAN/CSA STD C22.2 NO 250.0
- Suitable for Under-Cabinet Mount
- Dry Location Only
- Use Only With Class 2 Power Unit
- Peut être fixé Sous Une Armoire
- Pour Emplacements Secs Seulement
- Utiliser Seulement Avec Classe 2 Unité d'alimentation électrique

SAVE THESE INSTRUCTIONS!

Section One: Prepare the Lazer Strip

1: If necessary trim the Lazer Strip at the marked line above the contact (every 2.4" apart) with a sharp scissor to fit the design.

**NOTE:** Do not trim the strip over the sections that are joined together by soldering. The soldered contact will not connect to the Snap & Light connector easily.

**NOTE:** Do not trim the strip at unmarked sections which may cause that section of the strip not to light up.

2: Place the Lazer Strip on a flat, stable surface. Using a utility knife, carefully scrape the protective coating from the contacts.
Section Two: Install the Lazer Strip

1: Align the +24V marking on the Lazer Strip with the red wires of the Snap & Light connector. Insert the exposed contact at the end of the Lazer Strip under the Snap & Light contacts ensuring that the strip contacts are aligned and covered under the connector contacts.

2: Close the Snap & Light cover and ensure it snaps securely into place.

NOTE: Aluminum heat sink tape (SS-HR-F) is sold separately to help dissipate heat generated by LEDs.

3: When using the Snap & Light power jumper with another Lazer Strip, follow the steps in Section One; steps 1 and 2 in Section Two.

4: Carefully remove the backing from the Lazer Strip, make sure not to remove the tape. Firmly press down the adhesive portion of the Lazer Strip onto the mounting surface while removing the rest of the backing, making sure there are no air bubbles that can cause surface irregularities.

5: Trim the other end of the Snap & Light connector when it is used as the power cord. Refer to the wiring diagrams on page 3 and the instructions provided with the power supply to complete the installation.

NOTE: LS3 Lazer Strip consumes on average 3.3 Watt per foot.

NOTE: LS5 Lazer Strip consumes on average 4.4 Watt per foot.
Wiring Diagram

General ELV Wiring

INPUT 120-277 VAC
LINE
N
GND
LOAD
L
UNI POWER SUPPLY
DO NOT USE 0-10V WIRES
-24VDC RED
RED
-24VDC BLACK
BLACK
LAZER STRIP

ELV DIMMER

0-10V DIMMER

INPUT 120-277 VAC
LINE
N
GRAY 0-10V
PURPLE 0-10V
RED (LOAD)
N
L
GRAY 0-10V
PURPLE 0-10V
UNI POWER SUPPLY
+24VDC RED
RED
-24VDC BLACK
BLACK
LAZER STRIP

General 0-10V Wiring
Redirecting Lazer Strip (Optional)

**IMPORTANT INFORMATION REGARDING INSTALLATION AND REWORK OF SOFT STRIP LED**

**DO** gently pull up and away from the soft strip if removing to reposition. This avoids damaging the strip.

**DO NOT** pull the strip back towards itself. Doing so risks damaging the strip and making it not function.

**DO** only ever use fingers to gently install soft strip to a surface **AFTER** cleaning the surface with alcohol.

**DO NOT** use any tool to install soft strip to a surface. This will damage the soft strip component.

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**Relocating Lazer Strip (Optional)**

1. **DO** gently pull up and away from the soft strip if removing to reposition. This avoids damaging the strip.
2. **DO NOT** pull the strip back towards itself. Doing so risks damaging the strip and making it not function.
3. **DO** only ever use fingers to gently install soft strip to a surface **AFTER** cleaning the surface with alcohol.
4. **DO NOT** use any tool to install soft strip to a surface. This will damage the soft strip component.

**ADHESIVE BACKING**

**ADHESIVE**

**ADHESIVE TAPE**

**APPLY ADHESIVE REMOVER AND THEN BUFF OFF**

**ADHESIVE BACKING**

**BACK SIDE OF LAZER STRIP**

**NOTE:** If relocating the installed strip, make sure that the adhesive tape on back of the strip covers the entire strip. The adhesive tape isolates the strip from the installation surface. Damaged or inconsistent adhesive tape may cause the contacts on the back of the strip to come in contact with the conductive heat sink which will cause the strip to short and burn. Call PureEdge Lighting to get replacement adhesive tape and/or optional aluminum heat sink tape (SS-HR-F).

1. To remove tape residue from back of the strip, apply WD-40, Goo Gone, or a mixture of warm water and lemon oil to the corner of a clean, dry towel. Gently buff the area containing the adhesive residue until it is completely removed.
2. Gently remove a few inches from one side of the tape backing. Attach the adhesive tape to the back of the strip and apply moderate pressure to affix the tape. Continue this step a few inches at a time until the entire adhesive tape is attached to the back of the strip.
3. Refer to Section Two to reinstall the Lazer Strip.