



## INSTALLATION INSTRUCTIONS

### 120-JBOX-H2

#### **⚠ WARNING**

These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

#### **⚠ WARNING**

The electrical rating of this product is 120V AC. The installer must determine whether power supply is appropriate at the luminaire before installation. Ensure power supply is turned off at the fuse box or circuit breaker prior to attempting installation or servicing of the fixture.

#### **SAFETY INFORMATION**

- Read all instructions before beginning; Save these instructions for future use.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual and stay within its guidelines when using this product.
- Installation of this fixture requires knowledge of and their electrical systems. If not qualified or uncertain, do not attempt installation; contact a qualified electrician.
- Operating temperature range is -4°F to 122°F (-20°C to 50°C)
- Do not make or alter any open holes in junction box, wiring enclosures, nor in any electrical components during installation.
- Do not alter, relocate, or remove wiring, lamp holders, power supply, or any other electrical component.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Avoid using wall control in areas where extreme hot, cold, dust, or humidity exist.
- This junction box is suitable for wet locations when sealed correctly with gasket.
- This product is rated at 120V AC, 60Hz with 0.033A input and 120V DC output
- Do not exceed a maximum of 3000W overall nor 6x150ft length of 120-H2 series in either port individually
- This product contains a 125V 8A fuse. Do not modify, replace, or alter fuse.

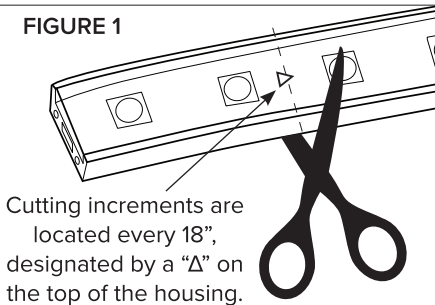
#### **INSTALLING JUNCTION BOX WITH 120-H2 SERIES (SEE FIGURES 1 - 3):**

Ensure power is turned off at the source prior to proceeding with installation or service.

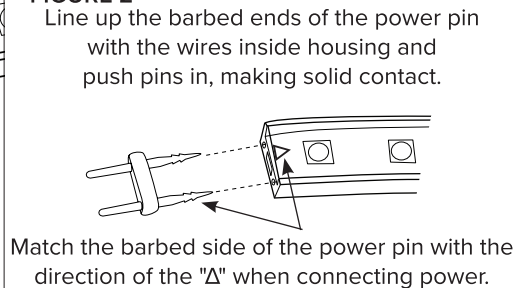
P2-NF Series linear product ETL Listing will be void once the product is cut.

1. Determine the required length for flexible light.
2. Cut the Hybrid 2 squarely at the nearest cut mark using a sharp rope light cutting tool or shears. See Figure 1. NOTE: Hybrid 2 is wired in parallel with 18" cutting increments. Cutting anywhere other than the end/beginning of a cutting increment will damage an LED and/or internal wiring.
3. Holding the smooth pins of the power pin with a pair of pliers, line up the barbed pins with the two wires of the flexible light. Push barbed pins into Hybrid 2 until flush, being sure to make solid contact with the flexible light's internal wires. See Figure 2.
4. Slide the shrink tube over power cord sheath. See Figure 3.
5. Push the power cord sheath onto the assembly until fully seated and slide the heat shrink tube over the power cord sheath so that it is centered over the junction of the Hybrid 2 and the power cord sheath. See Figure 3.
6. Gently apply heat using a heat gun to seal the heat shrink over the connection.

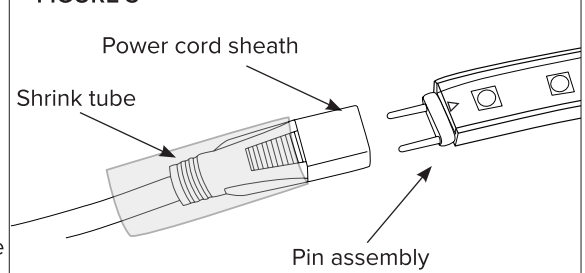
**FIGURE 1**



**FIGURE 2**



**FIGURE 3**



#### **ATTACHING A 120-H2-CONKIT TO PORT:**

Ensure power is turned off at the source prior to proceeding with installation or service. 120-H2 Series linear product ETL Listing will be void once the product is cut.

1. Remove the lid of the junction box utilizing the included hex wrench. Ensure to retain the gasket seated between cover and box to utilize when reattaching cover.
2. Remove port hole cover from desired port on junction box.
3. Thread the cut end of the 120-H2-CONKIT through the included cable compression clamp, ensuring the rubberized gasket is in the correct location. See Figure 5.
4. Connect 120-H2-CONKIT wires to the internal terminal block, matching polarity as follows: White to + (positive) and Black to - (negative).
5. Tighten cable compression clamp and replace junction box lid, ensuring rubberized gaskets are in place to maintain seal.

**FIGURE 5**

