

INSTALLATION INSTRUCTIONS | SpecFlex Architectural Strip Lighting AFLSPVN Slot Linear Luminaire

The important safeguards and instructions here are not meant to cover all possible conditions and situations that may occur.

IMPORTANT SAFETY INSTRUCTIONS:

- **WARNING: RISK OF FIRE AND ELECTROCUTION**
- **WARNING: TO AVOID FIRE, SHOCK OR DEATH,** disconnect power at circuit breaker before installing or servicing device
- **TO AVOID SHOCK OR ELECTROCUTION,** product must be grounded
- **READ AND SAVE THESE INSTRUCTIONS FOR LATER USE**
- Product should be installed by a qualified electrician
- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards.
- Product must be mounted in locations and at heights and in a manner consistent with its intended use, in compliance with National Electrical Code and local codes and where it will not readily be subject to tampering by unauthorized personnel
- Driver is to be installed in accordance with Article 450 of the National Electric Code
- Prior to installation, check the label and ensure the Driver has the proper input voltage and wattage for the job
- Driver must be installed in a well-ventilated area, free from explosive gases and vapors. Proper operation requires for free flow of air
- Use Only with Class 2 Power Unit
- Dry Location Only
- For all wire connections use only UL Listed Wire Nuts and Connectors of suitable size and type
- Wear rubber soled shoes and work on a sturdy wooden or non-conductive ladder
- Double check all connections and screws, ensuring they are tight and correct
- Most dwellings built before 1985 have supply wire rated at 60°C
- Supply conductors (power wires) connecting the fixture must be rated at minimum of 90°C
- Installing contrary to instructions may cause unsafe conditions
- If the product has any visible damage do not install it
- Call the Technical Support department at ConTech Lighting with any installation questions: 847.559.5500

INSTALLATION PROCEDURE

Before beginning installation, verify all required components are present:

REQUIRED:

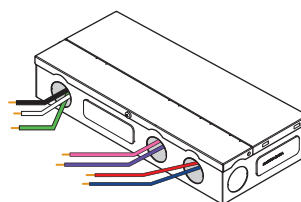
- Power Supply (i.e. TLP24VHW100MVD-ENC)
- Power Feed Cable (i.e. AFCWPM72-S) or Driver Strain Relief (i.e AFCWDC6F-S)
- Slot Luminaire(s)

OPTIONAL:

- Extension Cables (i.e. AFCWEX120-S)

Power Supply

- Ensure the power supply meets the full load of the run
- Install and secure the power supply in a well-ventilated area free from explosive gases and vapors; proper operation requires free flow of air
- Mount and wire power supply per the instructions included with it



Power Supply

Consult Wiring Diagrams for connection details

Slot Luminaire

- Measure the space to verify correct size of the luminaire(s) and sufficient cable length to connect the power supply to the luminaire(s)
- Arrange luminaire sections in the order they will be installed
- Identify the first luminaire to be installed as the one connected directly to the power supply; subsequent luminaires will draw power through the first

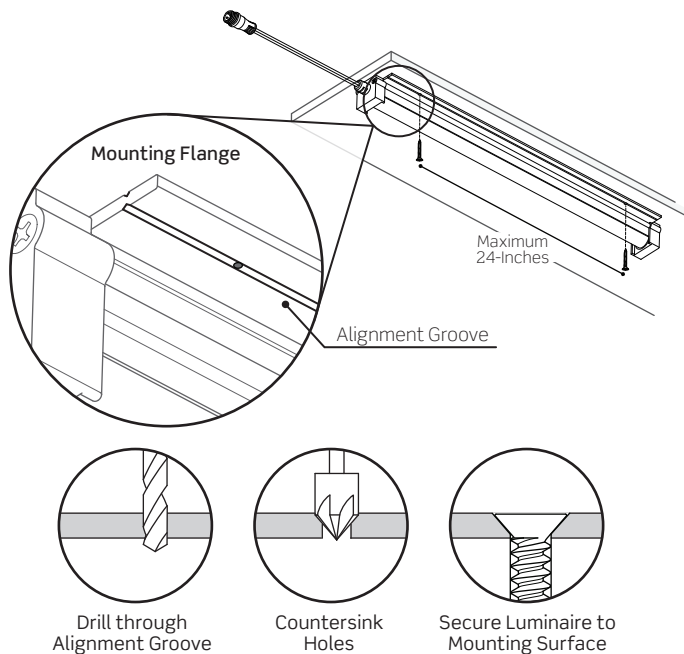


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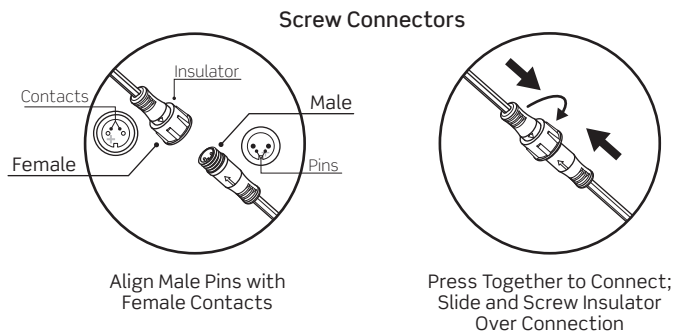
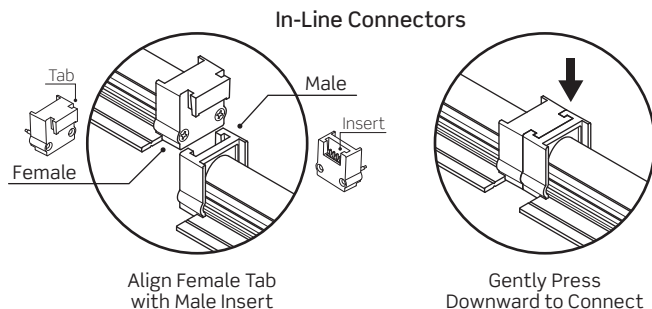
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INSTALLATION PROCEDURE, CONTINUED

- Secure the first section of the luminaire run to the mounting surface using screws through the alignment groove in the mounting flange; a #8 sized screw is suitable for most applications
 - The alignment groove facilitates pre-drilling a hole or the use of self-drilling screws
 - Drill counter sunk holes along the groove in the mounting flange; for a clean appearance, screws should be flush with the flange
 - Screw through the counter sunk holes directly into the mounting surface
 - A minimum of two (2) fasteners per luminaire should be used with the spacing between them not to exceed 2-feet (24-inches)



- Connect additional luminaire sections via the screw connectors or in-line connectors as specified



- Connect the first section to the power supply via the screw connectors
- Restore power to the power supply
- Confirm all sections are illuminated

