

**Required:** Recessed Extrusion Light Body . P/N: L-E  
 DC Power Supply (18W) . . . . . P/N: L-DC-ELT18-CON  
 DC Power Supply (60W) . . . . . P/N: L-DC-ELT60-CON  
 (Mounting Block & Power Cord are included with each Power Supply)

**Optional:** Jumper Cord (various lengths) . . P/N: L-LED-TPELNK  
 See other Accessories below.

# INFINEX Installation Instructions

## Extrusion LEDs - Recessed

### 12VDC Dimmable

**READ ALL INSTRUCTIONS BEFORE INSTALLING SYSTEM.**  
**Follow all OSHA safety regulations when operating machinery.**  
**Before beginning installation, be sure power is turned OFF to light system.**

**To begin installation, roughly lay out lighting system to help verify final positioning of all components and cord lengths.**

1. Install **Power Supply** with **Mounting Block** concealed from view. Do not plug Power Supply into 120V power source yet (see fig. #9).
2. Cut the Recessed Extrusion to the required length.  
 Note: If using End Caps, delete 19mm (3/4") from the overall length. For example, if the overall length with End Caps is 610mm (24"), the Extrusion length should be 591mm (23-1/4"). (see fig. #1)
3. Determine final position of Light Fixture(s). If needed, mark position on mounting surface/shelf using bottom edge of light fixture as a template.
4. Cut groove (or dado) on flat mounting surface 19mm (3/4") wide.  
 - If using End Caps, cut groove as long as the combined length of the Extrusion and (2) End Cap bases (an additional 19mm (3/4")), and a minimum 8.33mm (21/64") deep. (see fig. #3a)  
 - If not using End Caps, cut groove as long as the length of the Extrusion and a minimum 7.14mm (9/32") deep. (see #3b)
5. Drill a hole (concealed from view) at end of routed channel for Starter Cord wires to exit. Starter Cord only requires 5mm (3/16") hole **before** AMP® Connector is attached. (See "Connecting Starter Cords" information below †).
6. Cut FlexTape to the length of the Extrusion **minus 19mm (3/4")**. But also make sure to cut other end of FlexTape only on a black line! (see #2).
7. Peel off 25 to 50mm (1 to 2") of backing from FlexTape, exposing adhesive side of tape. Insert this end of FlexTape into the FlexConnect of Starter Cord. Tighten hex screws with a 1.5 mm hex key (supplied with the Starter Cord). Tighten firmly, but do not overtighten. (see #5)

**IMPORTANT!** Orient the FlexTape correctly to match polarity (+ and -) to the FlexConnect on the Starter Cord. See markings on both. (see #5)

Position the FlexConnect inside the Extrusion 6.5mm (1/4") from the end. Push down on first section of FlexTape so it adheres to the aluminum. (see #4)

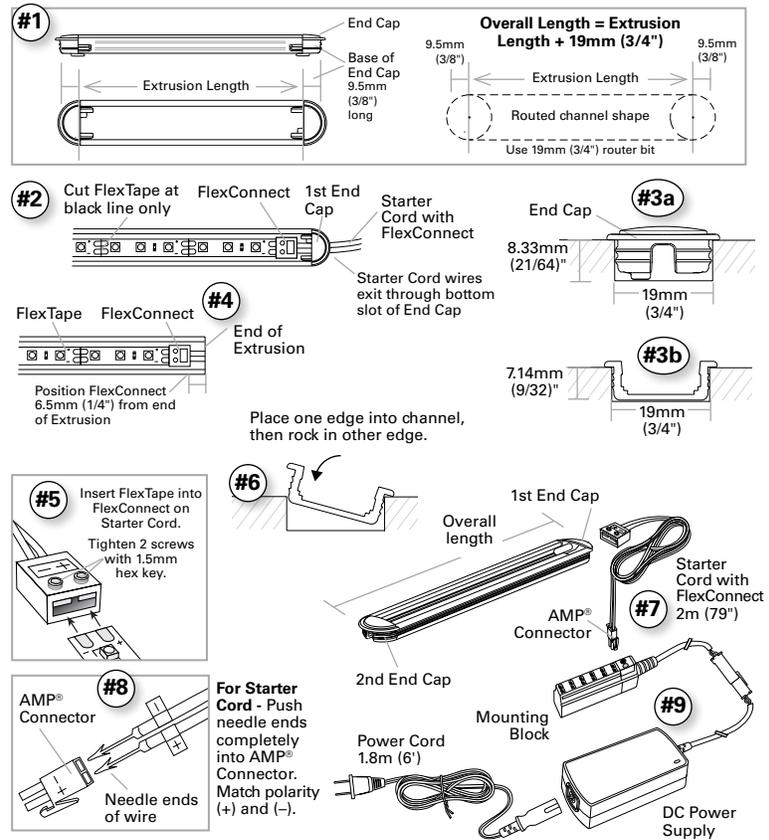
8. Install **1st End Cap**. Make sure Starter Cord wires exit through slot on bottom of End Cap. (see #2). Then Install **2nd End Cap**.
9. Peel off the rest of backing from FlexTape. Reposition tape in Extrusion and firmly rub down **IN BETWEEN the LEDs, do NOT push down on LEDs themselves**. Work your way from Starter Cord end down to other end.
10. Snap Diffuser onto Light Fixture. Run Starter Cord through hole at end of routed channel, then **mount Light Fixture**.  
 When mounting Light, it is easier to first place one edge into channel, then rock in other edge (see #6). The Recessed Extrusion has raised ribbing on its sides to "friction fit" into the routed channel.
11. After mounting light, use the **Starter Cord** with an **AMP Connector** to link Light to Mounting Block (see #7). (See "Connecting Starter Cords" information below †).  
 If spacing from Mounting Block to first Light is more than 2m (79"), an **Extension Cord** (P/N: L-LED-LINKD) may be used (see Accessories).  
 Note: Maximum length of Starter Cords from Power Supply to light should not exceed 5m (16'). Longer cords could result in poor light quality.
12. Additional light runs can be connected to the Mounting Block.
13. Finally, plug Power Supply into 120V power source.

(†) **Connecting Starter Cords:** Starter Cords come with a male AMP® Connector unattached to help route wires through smaller holes if needed. To attach, push needle ends of Starter Cord wires into AMP Connector until completely seated. Make sure to match-up polarity "+" and "-" (see #8).

**Accessories:** 12VDC Extension Cords (P/N: L-LED-LINKD) (used to lengthen Starter Cords only) available in 15cm (6"), 25cm (10"), 60cm (24"), 120cm (48"), or 180cm (72") lengths.

Tresco® offers other accessories including: Switches and Dimmers.  
 Other Power Supply options available.

**Save these instructions for future reference.**  
**For technical assistance: 1-800-227-1171**



## IMPORTANT SAFETY INSTRUCTIONS

**CAUTION: To reduce the risk of fire, electric shock, or injury to persons:**

- Tresco® 60W Class 2 12V DC Power Supply powers up to:
  - 12.2m (40') of Extrusion SO; max. single continuous run should not exceed 6.1m (20').
  - 6.1m (20') of Extrusion HO; max. single continuous run should not exceed 4.9m (16').
  - 4.0m (13') of Extrusion VHO; max. single continuous run should not exceed 4.0m (13').
- Tape LED strip is replaceable. Single LEDs are not replaceable.
- LED lights are bright. Do not look directly at lights.
- Not intended to be used in damp locations or outdoor areas.
- Not intended for recessed installation in ceilings or soffits.
- Do not conceal 120V Power Cord or Power Supply inside a wall, ceiling, soffit, or similar permanent structure, unless consulting a licensed electrician.
- Use only insulated staples or plastic ties to secure ALL loose cords.
- Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall.
- A licensed electrician should be consulted for wiring through ceilings, soffits, or walls. All wiring must follow NEC regulations.
- This portable lamp has a polarized plug on the Power Supply Cord (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not alter the plug.

This light is intended to be used as a cabinet light on wood, particle board or other structurally sound, heat resistant surface. Care should be taken during and after installation to avoid contact of light with wiring, cord, or any combustible material.



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Extr Rec In/1214/grx

I-EXTRAWREC-1214