

INFINEX Installation Instructions

Extrusion LEDs - Round

12VDC Dimmable

Required: Round Extrusion Light Body . . . P/N: L-R
 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: See other Accessories below.

Patent Pending

READ ALL INSTRUCTIONS BEFORE INSTALLING SYSTEM.

Before beginning installation, be sure power is turned OFF to light system.

Tresco® Extrusion LED Light Fixtures are built to customer-specified lengths. The lights are shipped pre-assembled, ready for installation and wiring on-site.

Tresco® Extrusion Lights come with (3) output options:

	Tresco® 60W Class 2 12V DC Power Supply powers up to (total length)	To prevent Voltage Drop Maximum continuous run should not exceed
• SO 4.9W/m (1.5W/ft.)	12.2m (40')	6.1m (20')
• HO 9.8W/m (3.0W/ft.)	6.1m (20')	4.9m (16')
• VHO 14.4W/m (4.4W/ft.)	4.0m (13')	4.0m (13')

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. #1).
2. Determine final position of Light Fixture(s). If needed, mark exact position on mounting surface (shelf) using light fixture as a template.
3. To mount a Round Extrusion Light, use (1) pair of metal U Clips with screws provided. U Clips should be appropriately spaced. After you mark exact position of U Clips, drill 1.5mm (1/16") pilot holes for screws. Screw in U Clips. Then snap Light Fixture into U Clips. (see #2a)

Note: The Light Fixture's ribbed design gives it the option to be set at **5 different angles** depending on where you position the Light within U Clips. (see #2b)

4. Next, use a **Starter Cord** with an AMP Connector to link Light to Mounting Block. (See "Connecting Starter Cords" information below †). (see #3).

If spacing from Mounting Block to 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.

5. Cords can either: (a) feed through a hole in mounting surface (shelf); or (b) run along surface. **Starter Cord** only requires 5mm (3/16") hole (before AMP® Connector is attached).
6. Additional light runs can be connected to the Mounting Block.
Use insulated staples or plastic ties to secure all loose wires.
7. Finally, plug Power Supply into 120V power source.

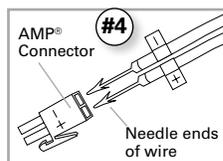
† **Connecting Starter Cords:** Starter Cords come with a male AMP® Connector unattached to help route wires through smaller holes if needed. To attach, push needle ends of Starter Cord wires into AMP® Connector until completely seated. **IMPORTANT!** Make sure to match polarity (+) and (-) of the wires to the AMP® connector. See markings on wires and connector (see #4).

Included: Starter Cord 2m (79"), AMP® Connector, (2) Mounting U Clips, and (2) screws are included with each Light.

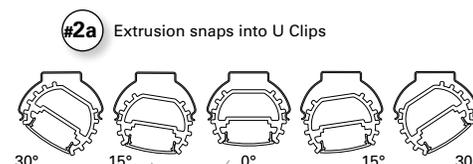
Accessories: 12VDC Extension Cords (P/N: L-LED-LINKD) (used to lengthen Starter Cords only) – available in 15cm (6"), 25cm (10"), 60cm (24"), 120cm (48"), or 180cm (72") lengths.

Tresco® offers other accessories including: Switches and Dimmers.

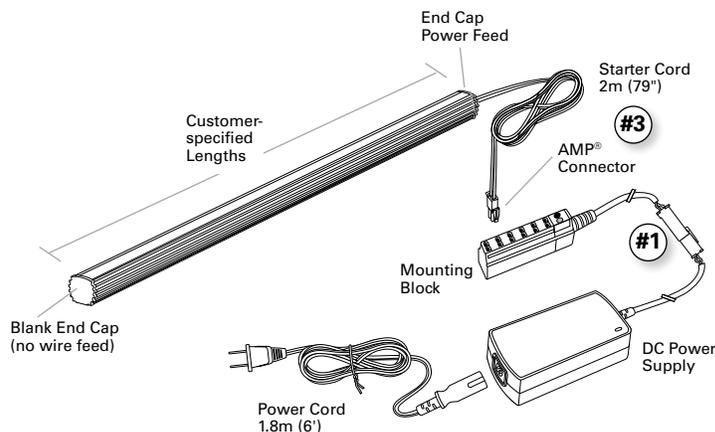
Other Power Supply options available.



For Starter Cord - Push needle ends completely into AMP® Connector. Make sure to match polarity (+) and (-).



#2b Option: Light can be set at **5 different angles** depending on position within U Clips.



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.

Save these instructions for future reference.

For technical assistance: 1-800-227-1171



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Extr Round In/1214/grx

I-EXTRND-0215