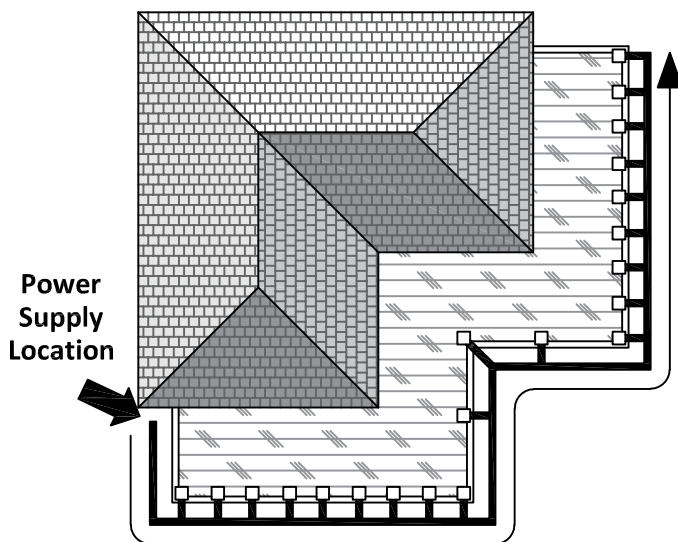
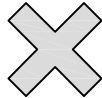


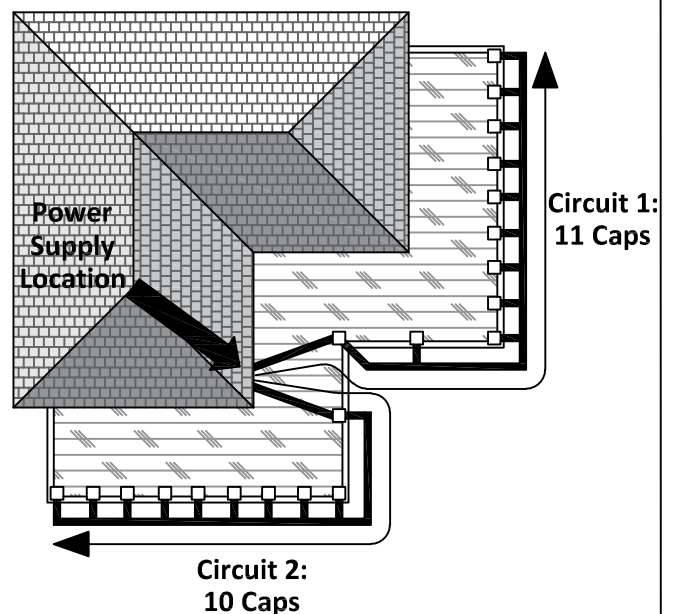
PLEASE NOTE:

ALL WIRING MUST BE INSTALLED IN PLACE PRIOR TO INSTALLATION OF NEWEL SLEEVES AND RAILING. RETROFIT INSTALLATION WILL REQUIRE MODIFICATION TO WIRING AND WILL VOID ALL SYSTEM WARRANTY. THE INTEX LED NEWEL CAP SYSTEM IS CURRENTLY ONLY WARRANTED FOR THE APPLICATIONS LAID OUT IN THIS INSTRUCTION. USE OF A THIRD PARTY POWER SUPPLY, MODIFICATION TO WIRING OR CONNECTIONS OUTSIDE OF WHAT IS SPECIFIED IN THIS INSTRUCTION WILL VOID ALL WARRANTY.

NOT RECOMMENDED
21 Caps on one circuit



CORRECT INSTALLATION
2 Circuits, cap quantity split evenly between circuits



Before Getting Started

A. Consult the power supply installation instructions to ensure functional and safe performance following installation.

B. Determine the power supply location and circuit layout based on power source, number of caps, and number of circuits. Note that INTEX recommends the following for a proper installation:

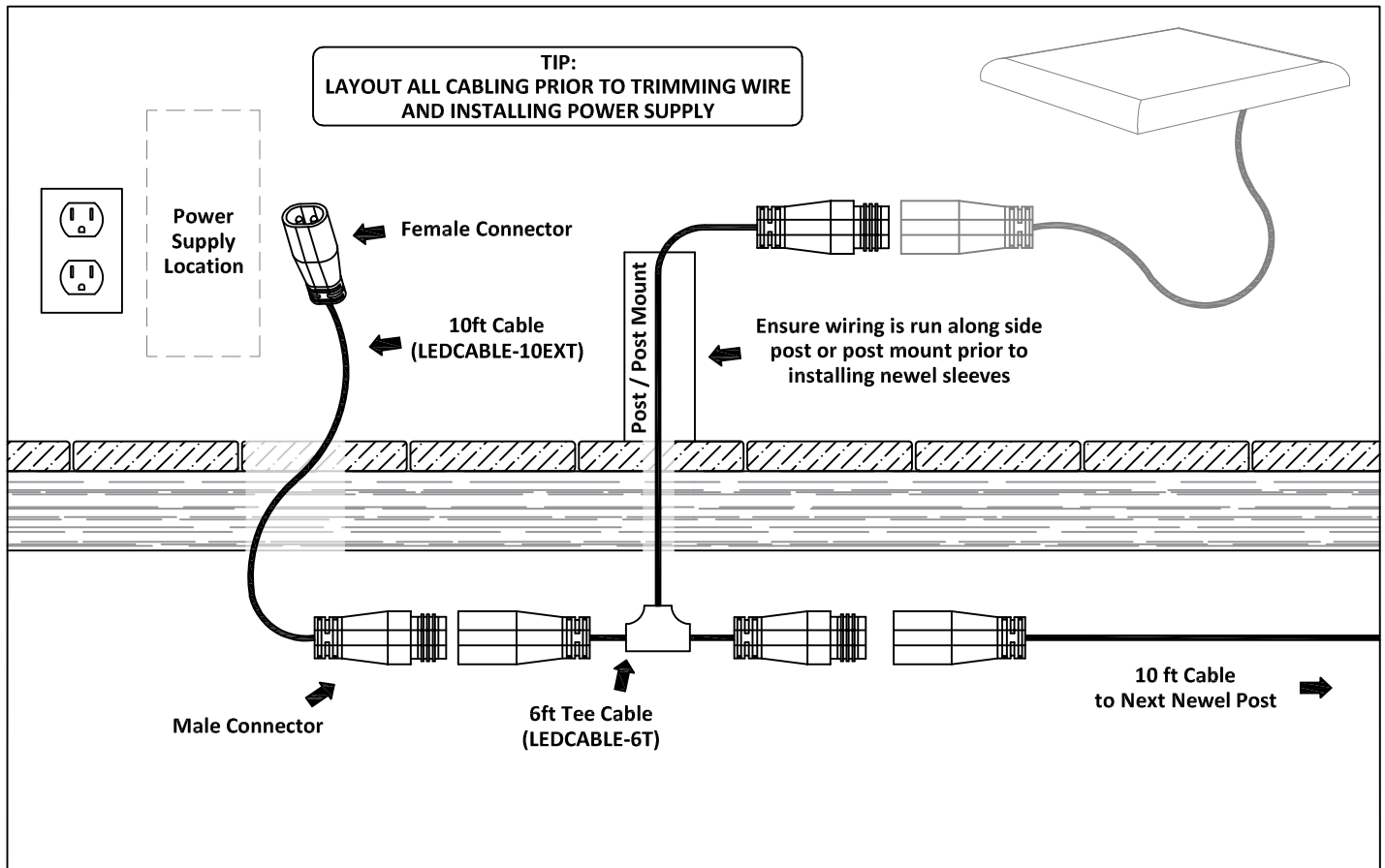
- The 150W Power Supply can support up to 40 caps.
- Use ONLY the 15V circuits to wire caps unless your installation requires some adjustment as noted below.
- INTEX recommends a maximum of 15 lights on a single 15V circuit. If your installation requires more than 15 caps, it is advised to split the total cap quantity evenly between two circuits, not varying by more than 2 caps per circuit.

- If you are unable to split the cap quantity evenly between circuits, there is a possibility that the run with fewer caps may appear brighter. Step the brighter circuit down to the 12V connection on the power supply to balance the cap brightness across the system.

- If you are unable to split the cap quantity evenly between circuits, there is a possibility that the run with fewer caps may appear brighter. Step the brighter circuit down to the 12V connection on the power supply to balance the cap brightness across the system.

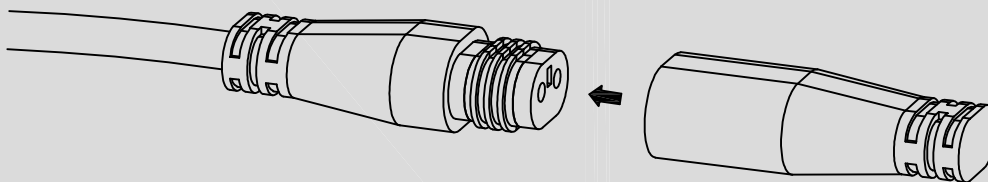
C. Run all wiring on exposed posts / post mounts prior to installing newel sleeves. This will prevent any issues with being unable to pass wiring up newels with limited inside clearance.

LED Newel Cap Installation Instructions



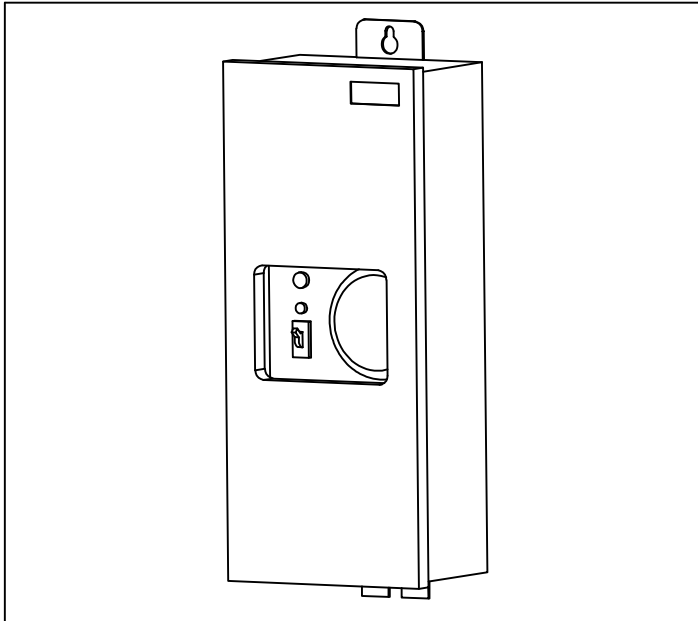
Run Cabling to Planned Layout

- Prior to installing the power supply, begin laying out all cabling according to the determined layout. For each circuit, start with the female connector, ensuring to leave enough cable to reach the power supply. Drill any holes necessary through decking to feed wires at a minimum of 3/4" diameter.
- Connect alternating 10ft Extension and 6ft Newel T cables as shown, running the 6ft cable up to the top of the post or post mount. Use tape or banding to temporarily secure the connector at the top of the post so it can later be connected to the cap.
- Continue for the entire run, ensuring that all connections are pressed firmly together to keep a water-tight seal.
- At the end of the run, locate and attach a Sealing End Cap to the open connection to seal it from water and debris.

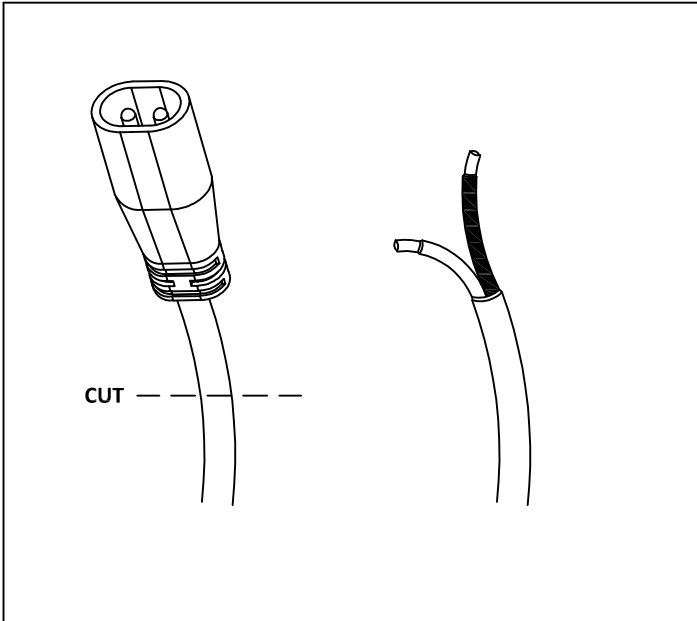


Sealing End Cap

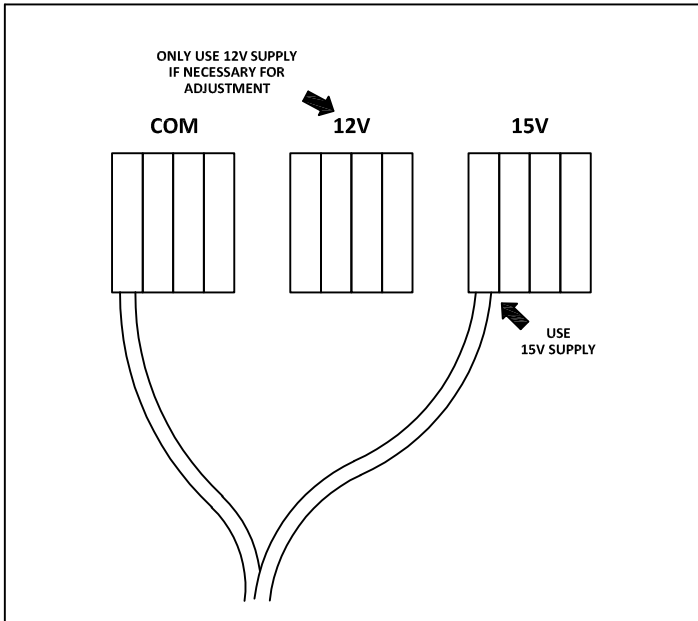
LED Lit Post Cap Installation Instructions



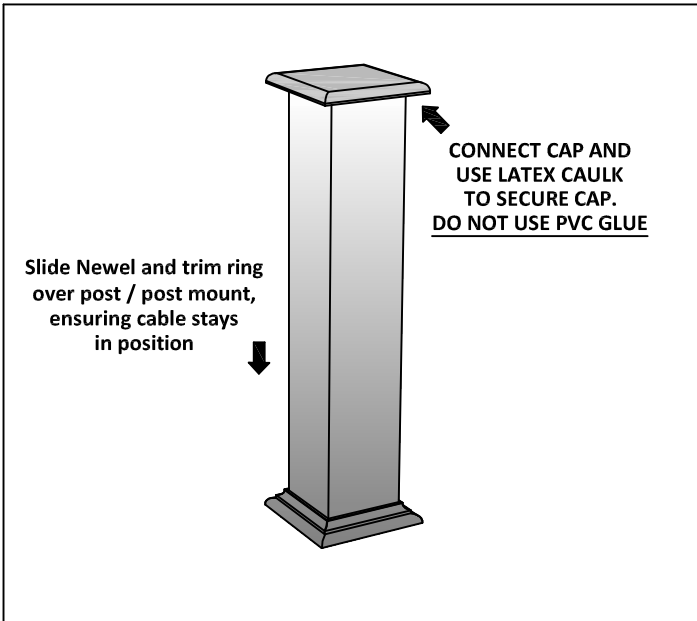
Install Power Supply
Mount and install power supply in the predetermined location in accordance with the manufacturer's installation instructions.



Prepare LED Cap Connection
Cut the female connector off the cable end to be installed to the Power Supply. Use a pair of wire strippers to strip the casing and expose the bare leads, ensuring to leave enough cable to reach the Power Supply terminals.



Attach Cables
Ensure the Power Supply is OFF, then feed the Cables into the Box and attach the leads as necessary to the quick connect terminals using the 15V terminals **ONLY**. Do not use the 12V terminals unless adjustment is needed per the notes in the "Before Getting Started" section.



Install Sleeves and Caps
Slide all post sleeves / trim rings over the wired posts, taking care to ensure the wiring stays in position and accessible. Connect caps using wired connectors and verify they are all working by turning on the power supply. Attach all caps to newels using latex caulk. **DO NOT USE PVC GLUE TO ATTACH CAPS TO NEWEL.**

LED Lit Post Cap Installation Instructions



INTEX LED Lit Caps and Accessories	
Part Description	INTEX Part Number
Replacement Light Ring Assembly	LEDRING-5
Extension Cable - 10' Male to Female	LEDCABLE-10EXT
Post Drop T Cable - 6' - Male to Male / Female T	LEDCABLE-6T
Sealing End Cap	LEDENDCAP
Optional 10' T Cable - 10' - Male to Male / Female T	LEDCABLE-10T
AMP® 150-Watt Slim Line LED Transformer	LEDPOWER-150
AMP® Timer and Photocell, for Use with 150-Watt Slim Line LED Transformer	LEDPOWER-TP

For additional information,
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