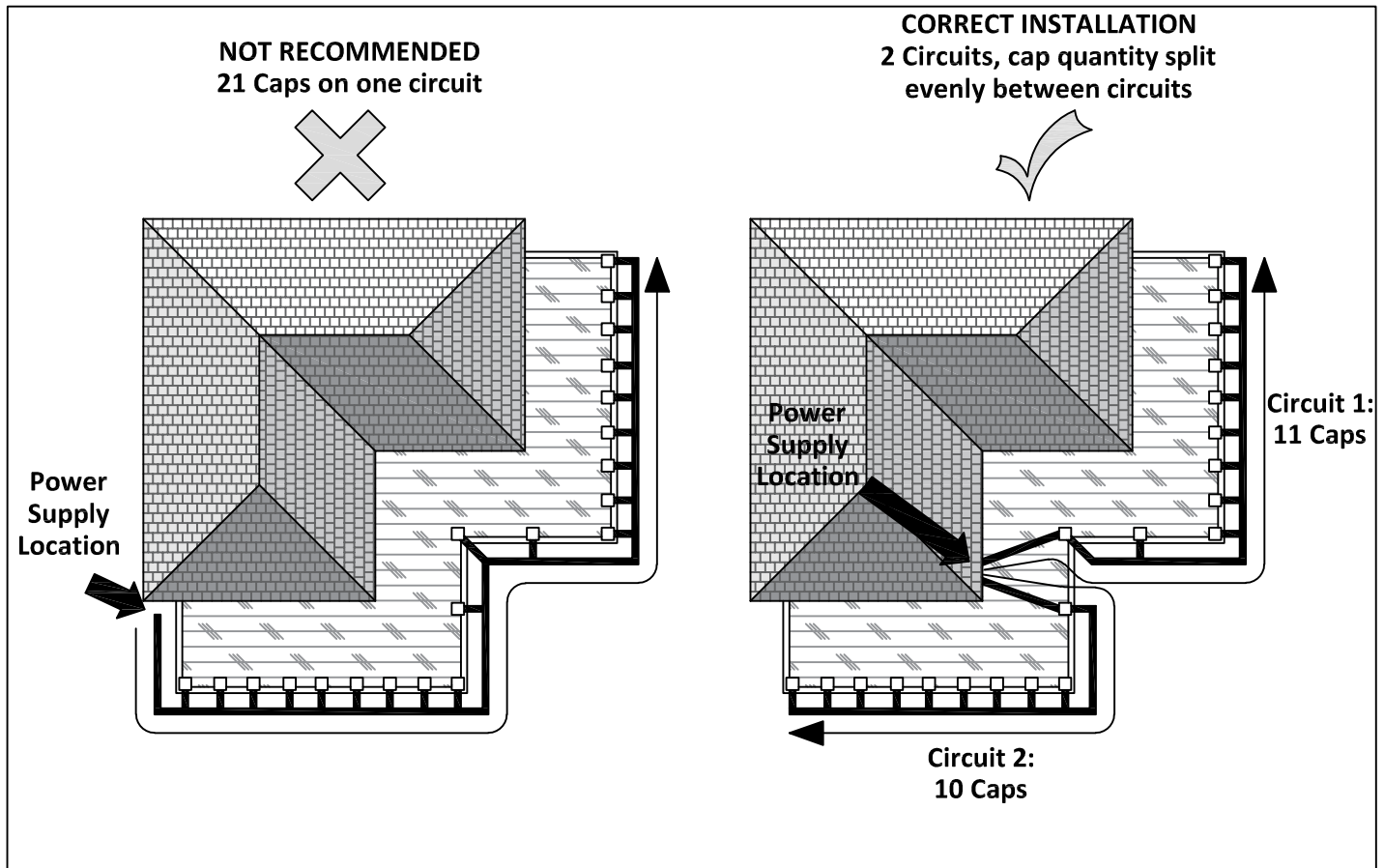


# LED Newel Cap Installation Instructions

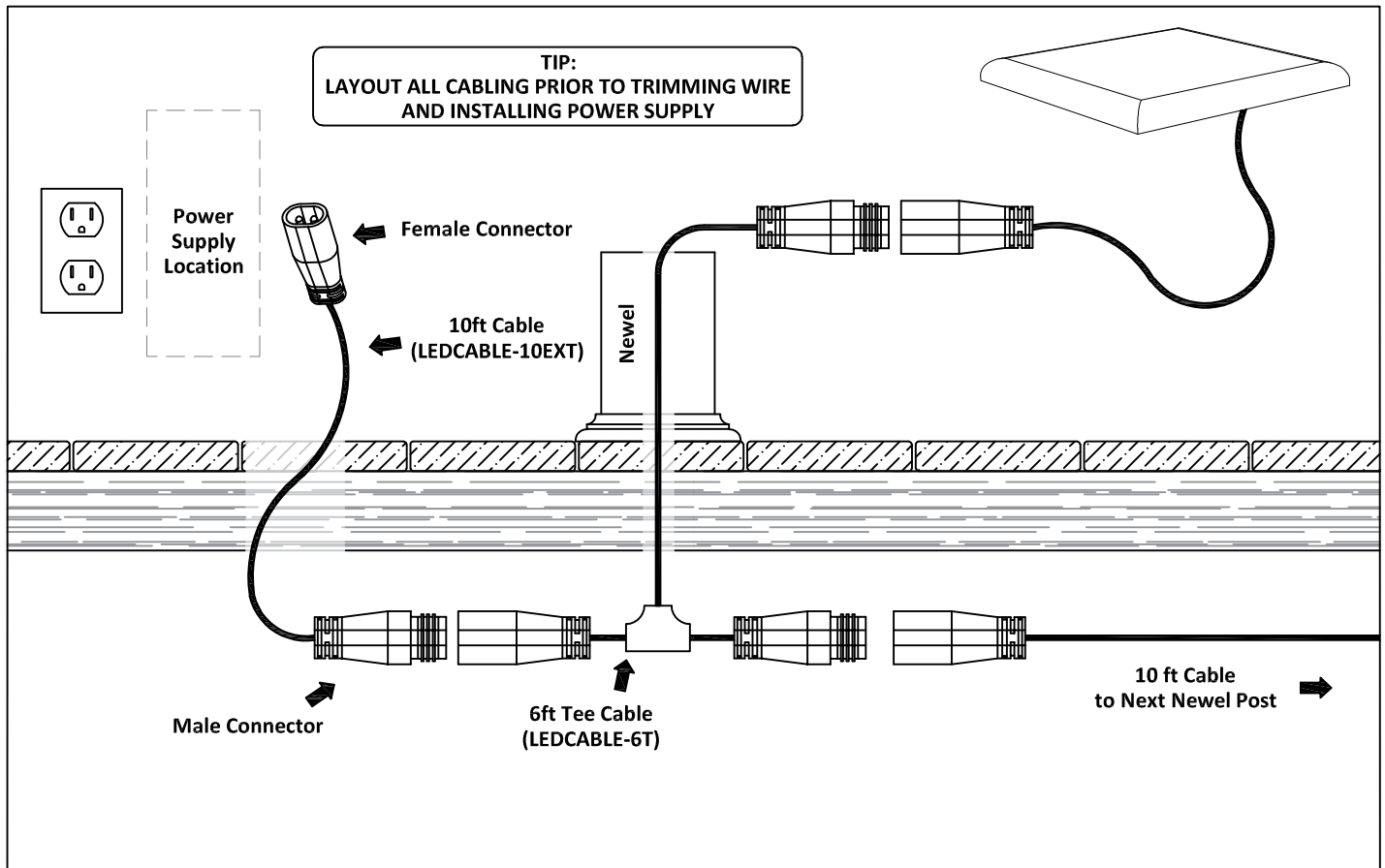


## Before Getting Started

- 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.
- C. Consult applicable Building Codes prior to installation.

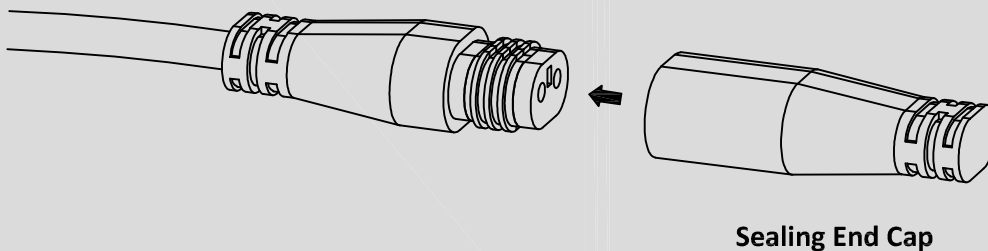
**PLEASE NOTE:  
USING A THIRD PARTY POWER SUPPLY WILL VOID  
ALL WARRANTY. FULL WARRANTY DETAILS CAN BE  
FOUND ON THE INTEX MILLWORK SOLUTIONS WEBSITE**

# LED Newel Cap Installation Instructions

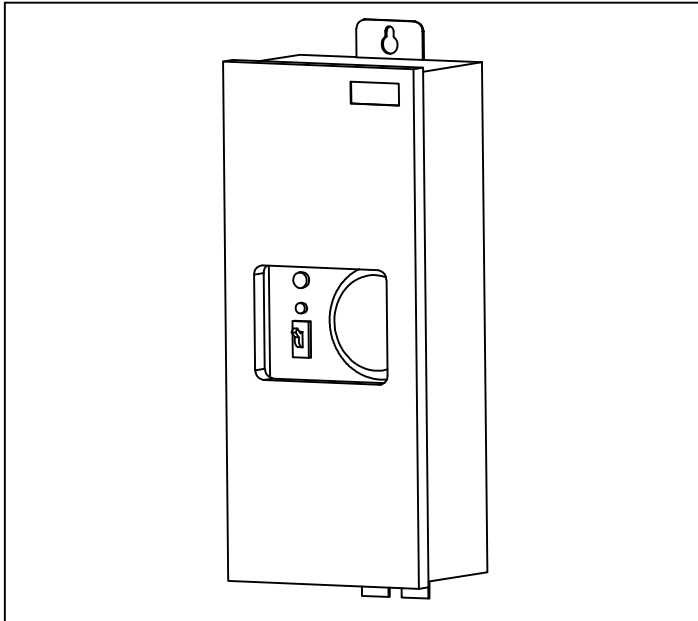


## Run Cabling to Planned Layout

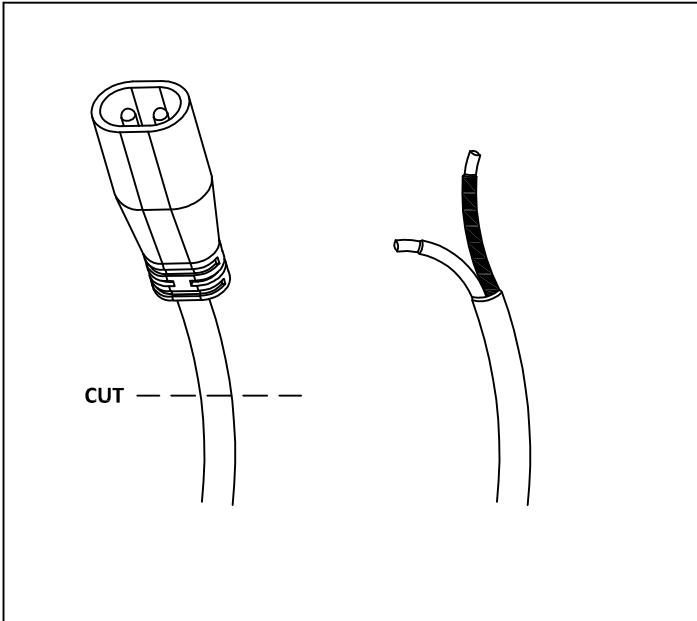
- Prior to installing the power supply, begin laying out all cabling according to the determined layout. For each circuit, start with the female connector, ensuring to leave enough cable to reach the power supply.
- Connect alternating 10ft Extension and 6ft Newel T cables as shown, feeding the 6ft cable up through the newel and connecting the light caps.
- 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.



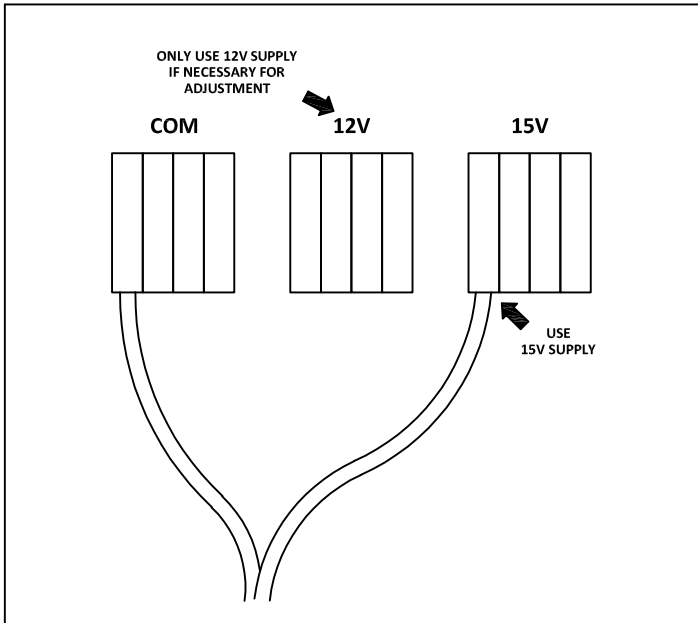
# LED Lit Post Cap Installation Instructions



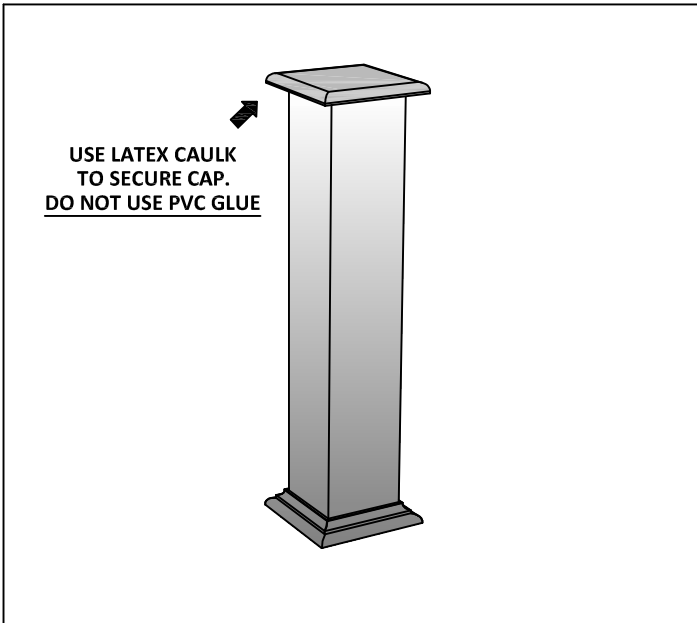
**Install Power Supply**  
Mount and install power supply in the predetermined location in accordance with the manufacturer's installation instructions.



**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.



**Check All Caps**  
Set up Timer and Photo Cell if desired, and turn Power Supply on. Check that all caps are lit and brightness is uniform. Seat all caps fully on newels and use a bead of latex caulk to secure. **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,  
visit our website at  
[www.intexmillwork.com](http://www.intexmillwork.com)  
or contact us at:  
(856) 293-4100