

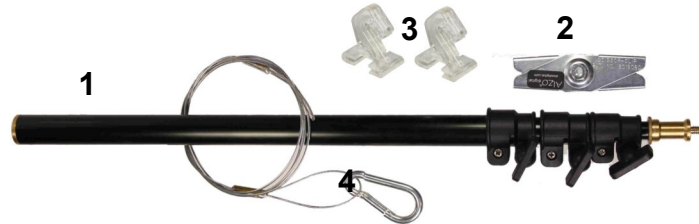
ALZO Telescoping Suspended Ceiling Support System User Guide

CAUTION: Typical suspended ceilings are not intended to support weight. A suspended ceiling system will typically require modification in order to support the weight of a light fixture in excess of 2 pounds. If you do not have construction skills, we strongly recommend that you have a licensed contractor make the modifications required.

CAUTION: The installation of the "Safety Line" between the light fixture and the true ceiling is required.

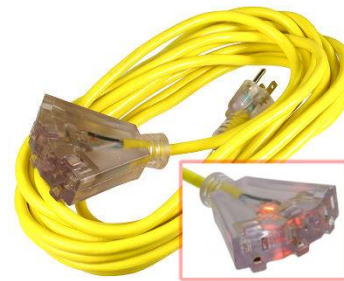
THE KIT INCLUDES:

1. Telescoping Support
2. X-Clamp with star washer and nut
3. 2 T-BAR Hooks
4. Steel safety wire with Latch



Suspended ceiling metal frames are constructed of long un-broken runs of framing called **main runners** and short pieces called **connectors** fitting between long runs to form the grid. It is best to suspend a light fixture from the long **main runners** of framing and not the short connectors. If the best location for the light is on a short connector than you will need to add a support wire physically attached to the true ceiling at the location of the light.

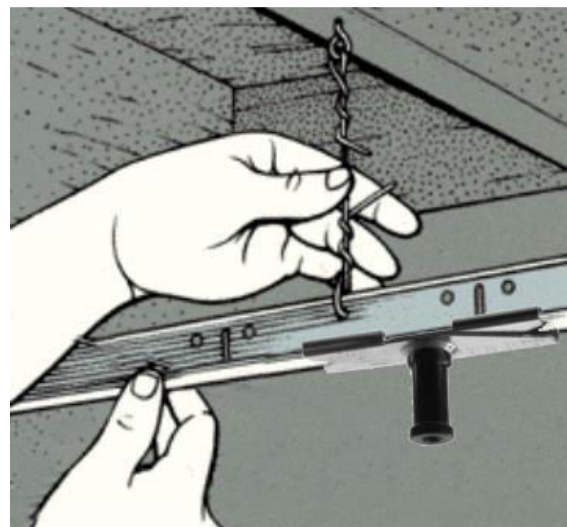
STEP 1 - Locate the power outlet that the light will be connected to and measure the distance along the ceiling to the wall over the outlet and add the height from the ceiling to the outlet. This will determine the length of power cord plus extension cord required. When installing multiple lights it may be desirable to connect the power cords to a single extension cord with a socket cluster as shown here.



STEP 2 - Locate the position(s) where the light(s) will be installed and mark the metal frame with a pencil. Then remove the tiles on both sides of the light location.

STEP 3 - Inspect the installation of the support wires attached to the framing and if there is a support wire within 12" of the light location mark than the addition of a support wire is not required.

If the closest support wire is more than 12" from the light location, than it is strongly recommended to add a new support wire directly over the light location as shown here. Replicate the method of connection of the support wire to the ceiling framing or concrete. Replace the ceiling tiles.



STEP 4 – Starting with the X-clamp, loosen the nut to allow the X-clamp to open. Attach the X-Clamp to the ceiling frame where you have marked the frame for the light location. Assure that all 4 wings of the X-Clamp are wrapping around the frame. Tighten the nut with a wrench or pliers.

STEP 5 – With a ceiling tile removed, inspect the true ceiling structure and then securely attach a screw eye (or equivalent) to fasten the safety wire to the true ceiling structure. This screw eye should be located as close to the middle of the x-clamp as possible. Use a large screw eye in wood framing as shown here. Attach the safety wire to the hook and assure that the hook eye is closed.

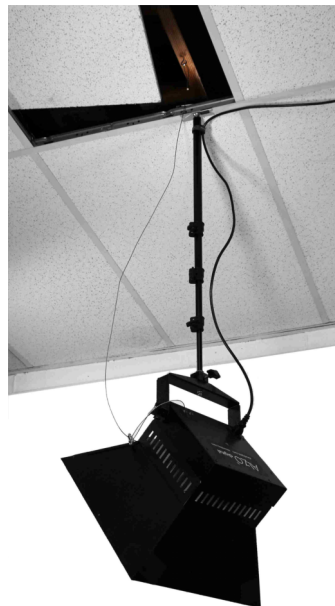
STEP 6 – Attach the telescoping support to the X-clamp screw and tighten. **IMPORTANT:** Now attach the safety wire to the light fixture using the clip and then attach the fixture to the telescoping support as shown. Tighten the wing screw on the light fixture to secure the light to the support.

STEP 7 – Add the T-Bar clips by opening and closing them over the frame along the path of the power cord toward the wall outlet.

STEP 8 – If you plan on repositioning the light frequently, it would be easier to add another X-Clamp and move the light between these installed X-Clamps. This will require constructing a clip mechanism to allow for easy reconnection of the safety line.



T-BAR HOOKS SUPPORT POWER CORD



If you have additional questions regarding the installation or application of this product, we welcome you to contact us directly at csupport@alzodigital.com or 800-582-7009.