

LORNA PENDANT

ASSEMBLY INSTRUCTIONS

(Z103307)

CAUTION:

- **BEFORE INSTALLING FIXTURE, MAKE SURE THE POWER TO THE CIRCUIT IS TURNED OFF AT THE MAIN FUSE BOX / CIRCUIT BREAKER UTILITY BOX.**

Important Safety Instructions:

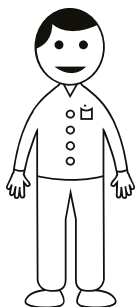
- These instructions are provided for your safety. It is very important that they are read carefully and completely before beginning the assembly and installation of this lighting fixture.
- We strongly recommend that a professional electrician install all direct wire fixtures.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
- The lighting fixture is meant for indoor use. It must be connected only to 3-wire, single-phase electrical supply systems (provided with Ground wire or equivalent protection system).
- For your safety, it is strongly recommended that two people install the lighting fixture.
- The lighting fixture is meant for indoor use, DRY or DAMP LOCATIONS ONLY.
- **Save these instructions.**

WARNING:

- **Caution – risk of fire**
- **Do not look directly at lit LED.**
- **Consult a qualified electrician to ensure correct branch circuit conductor**
- **This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.**
- **This lighting fixture contains lead, a chemical known to the State of California to cause cancer, birth defects and other reproductive harm. Wash hands after installing, handling, cleaning or otherwise touching this light fixture.**

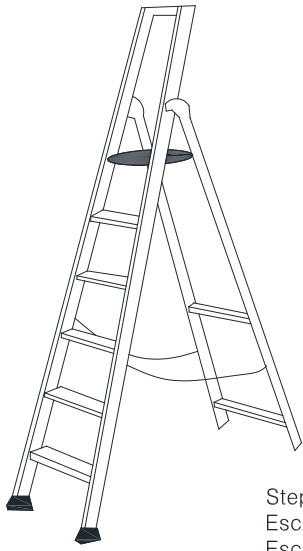
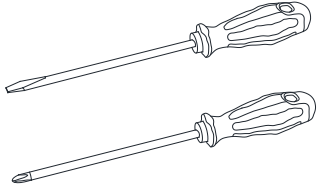
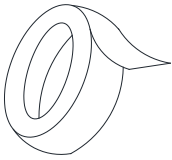
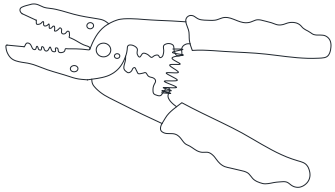
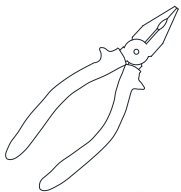
Pre-assembly:

- Remove all parts and hardware from box along with any plastic protective packaging.
- Do not discard any contents until after assembly is complete to avoid accidentally discarding small parts or hardware.
- For your safety and convenience, assembly by two people is recommended.



X2

TOOLS REQUIRED (not included):

 <p>Step Ladder Escabeau Escalera</p>	 <p>Phillips Head, Flat Blade Screwdrivers Tournevis à tête Phillips et à tête plate Destornilladores Cabeza Phillips y Destornilladores Cabeza Plana</p>	 <p>Electrical tape Ruban isolant Cinta Electrica.</p>
	 <p>Wire Cutter/Stripper Pince coupe-fil/ à dénudé Cortador de Cable</p>	 <p>Plier Pince Alicates</p>

MATERIALS NEEDED:

- Wire connectors (not supplied - the size depends on the number and size of the wires being joined).
- Crossbar mounting screws. These should be supplied with the J-box/electrical box. If you need to replace them try 8-32 x 1/2" or longer.

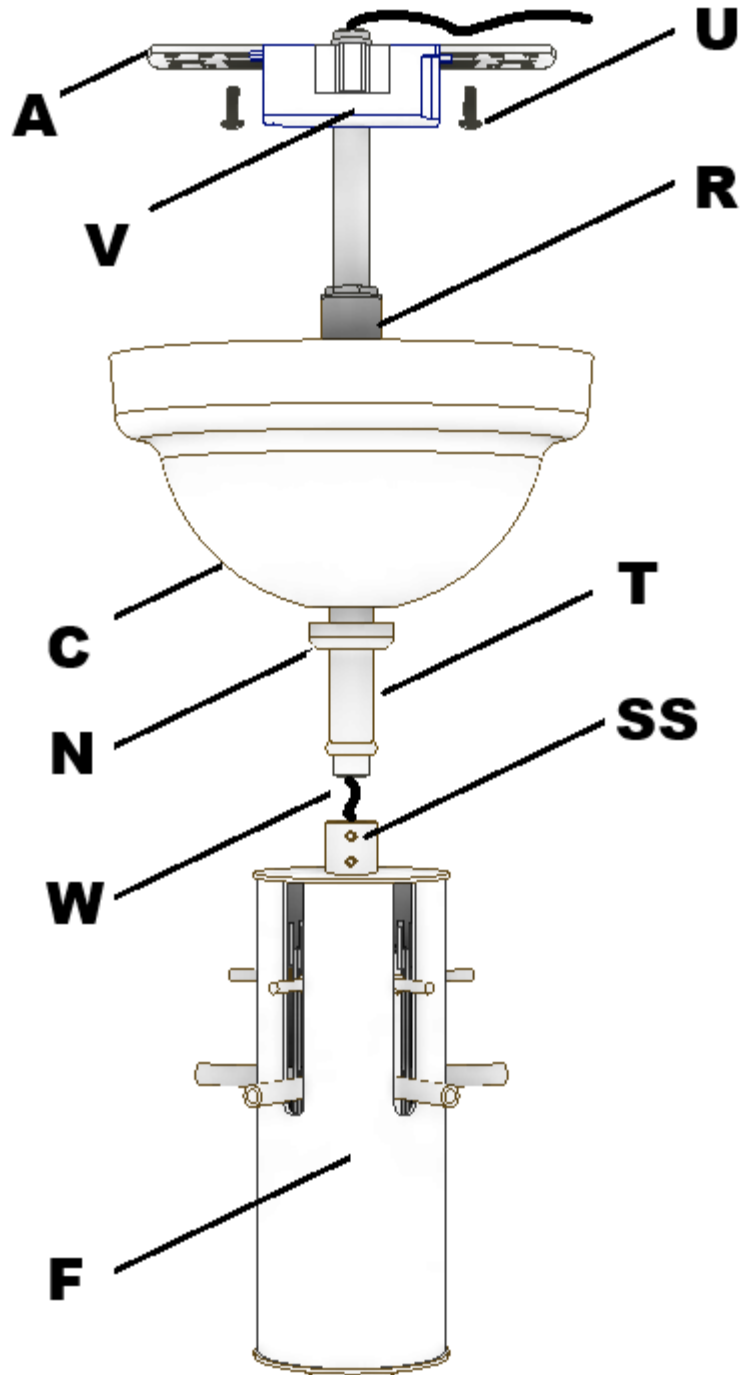
Assembly & Installation Instructions:

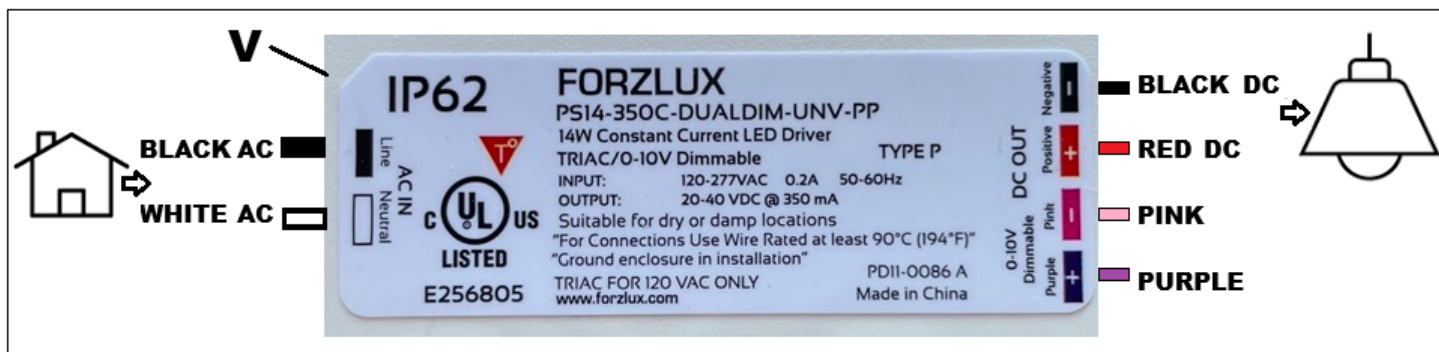
FIXTURE PRE-ASSEMBLY:

1. With the fixture on the ground, feed wires (W) into open end of tube assembly (T) until they pass through the hole in top of the Crossbar (A) Pull all slack through the top. **NOTE: for “Extra Long Fixtures”, you will receive 2 tubes - see separate section below.**
2. Using the included Allen wrench, fully loosen the top Set Screw (SS) in the coupler on top of the fixture (F). Gently thread tube (T) into coupler all the way until it bottoms out- do not over-tighten.
3. Now re-install the top Set Screw (SS) until tight.
4. Loosen the Slip Nut (N) at the base of the Canopy (C), and carefully slide both parts down until they stop on the fixture -use caution not to scratch the tube finish.
5. Locate the “DC Out” wires (black/- and red/+) coming out of the LED Driver (V). Connect the wires from the fixture (in Step 1 above) to these wires using the provided wirenuts (should already be attached to the LED Driver). The BLACK fixture wire should connect to the BLACK “DC out” wire.

SPECIAL NOTE 1: The thicker Black and White wire pair coming out of the driver (V) and labeled as “AC IN” (line=black, neutral=white) will be used in a later step to connect the driver to the house wires. (SEE detail image of driver below)

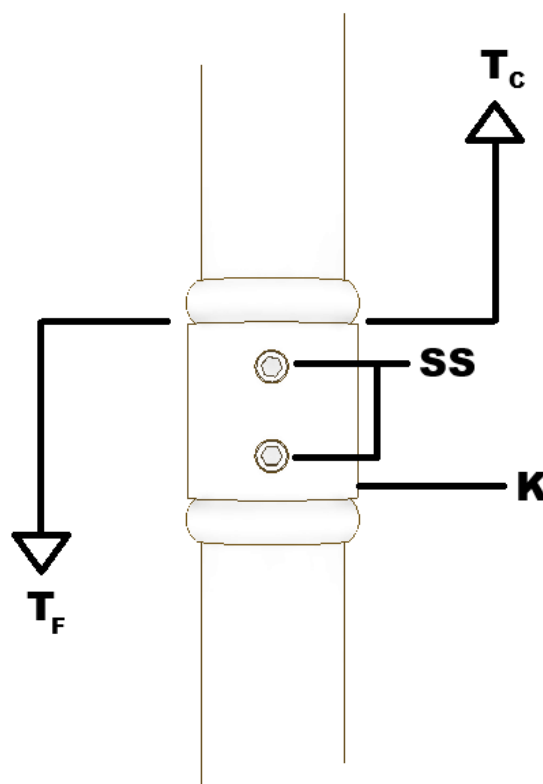
SPECIAL NOTE 2: Many LED Drivers include a pair of colored wires (often purple and pink) labeled as “0-10V Dimming” or similar. These wires are not used for normal installations.





EXTRA LONG FIXTURES:

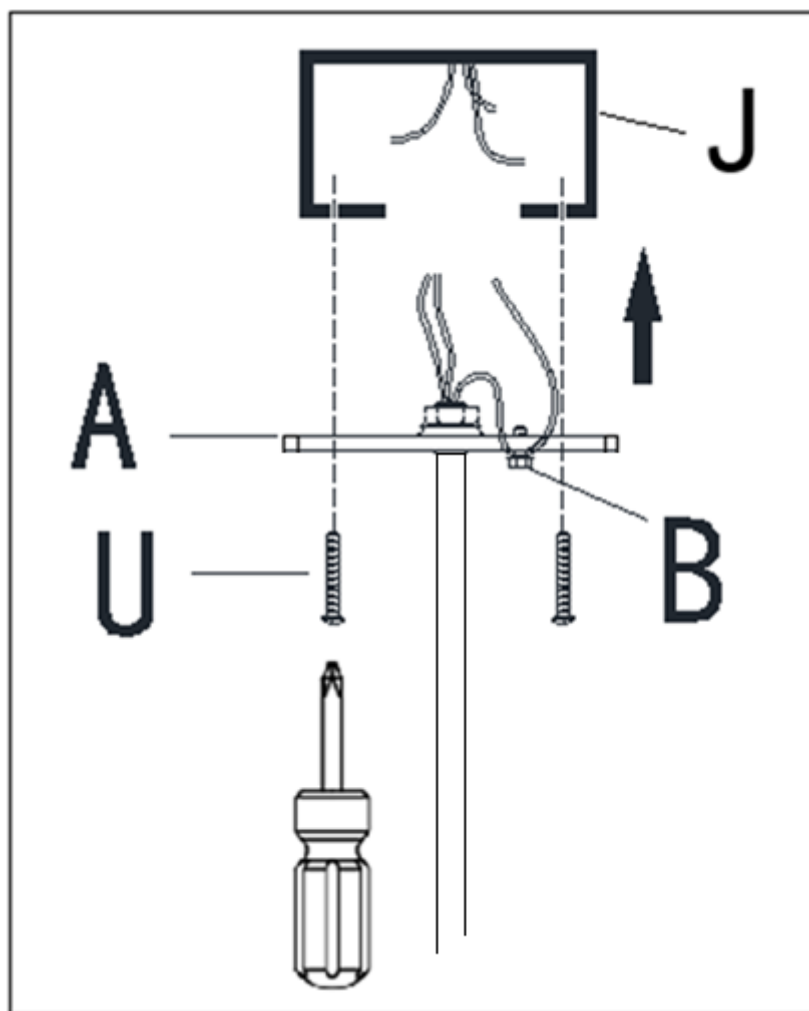
For fixtures over a certain length, you will receive your drop tube (T) in two sections with a coupling (K) in the middle for connecting them together. The upper tube (T_C) that connects to your canopy/crossbar, and the lower tube (T_F) that connects to the coupling on the fixture. Feed the wire through the lower tube (T_F) first, then through the upper tube (T_C). Then connect the tubes together and secure with the two set screws (SS) using the Allen wrench provided. Continue to step 2 above.



CEILING CONNECTIONS:

SHUT OFF THE MAIN ELECTRICAL SUPPLY FROM THE MAIN FUSE BOX/CIRCUIT BREAKER.

For a safe installation make sure that the electrical box is securely mounted to a structural member of the building.

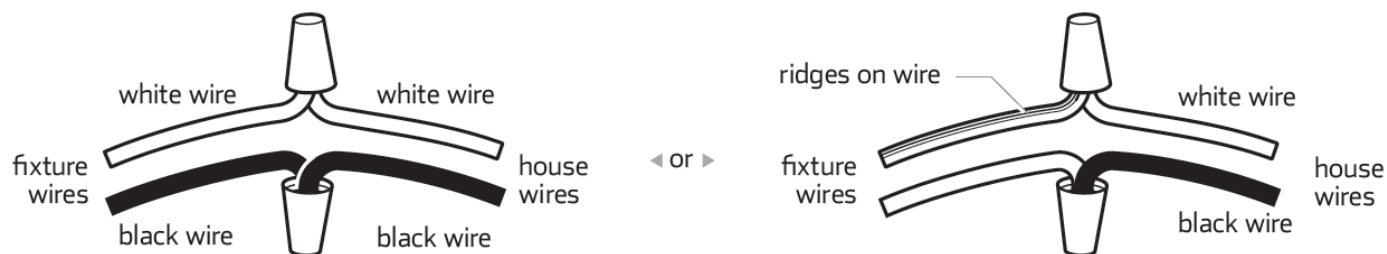


1. With the help of another person to hold the weight of lighting fixture, attach the Crossbar/Mounting Plate (A) onto the junction box (J) using two Mounting Screws (U) supplied with the box.

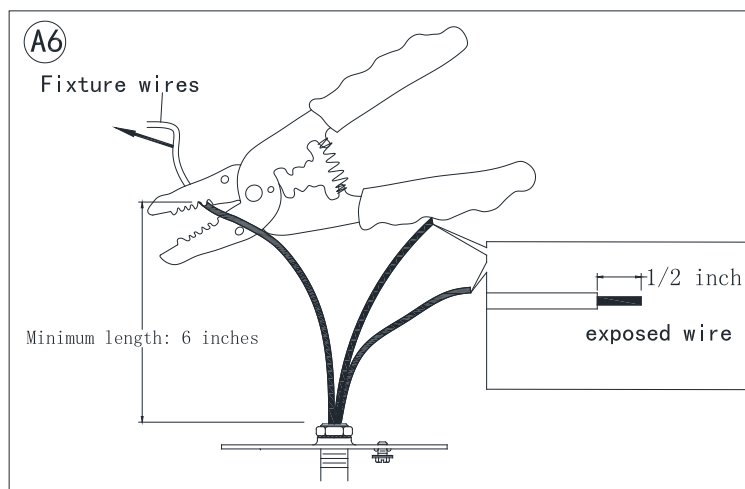
2. Make wiring connections in accordance with local electrical codes - see the "To Make Wire Connections" below and "Important Information" sections at the end of this packet. SPECIAL NOTE: This fixture uses an LED Driver (V). Fixture wires are black and white and labeled as "AC IN" on the driver body.

To Make the Wire Connections:

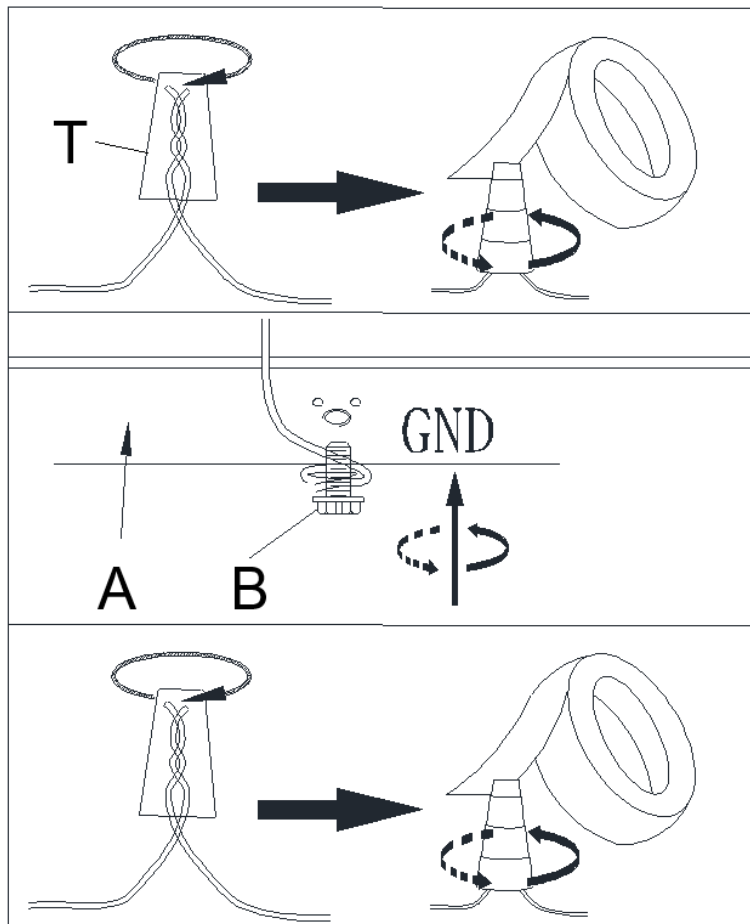
1. Gently pull existing wire down from the ceiling junction box and allow wires to hang. The HOT or LIVE wire is usually black. The NEUTRAL wire is usually white. Check to see if there is a ground wire that is usually green or green with a yellow stripe or exposed copper metal wire. If needed, use a pair of wire strippers to remove about 1/2 inch of insulation from each wire.
2. Carefully inspect the fixtures wires. The NEUTRAL FIXTURE WIRE either has FINE LONGITUDINAL RIDGES running along its length, or has white insulation. The HOT FIXTURE WIRE is SMOOTH, or has black insulation. The GROUND WIRE is BARE COPPER WIRE, or has green insulation. NOTE: some fixtures do not include a separate ground wire. If you have any doubt and cannot identify the power-supply wires with confidence, then we recommend that you ask an electrician and that you not continue with the installation.



(See A6) If needed, cut off the extra power cord length on the 2 wire cord and bare ground wire so that they all are at least 6 inches (152.4 mm) long within the outlet junction box (J-box).



3. With the help of another person to hold the weight of the fixture, attach the fixture wires to the junction box wires as shown in the illustrations.



Connect the GROUND FIXTURE WIRE to the GROUND J-BOX WIRE using the Plastic Wire Nut Connector (T) and wrap the connection with electrical tape. Be sure that no wire strands are exposed.

If the junction box DOES NOT have a GROUND WIRE, wrap the fixture's bare ground wire around the Green Ground Screw (B) and insert the screw into the Mounting Plate (A), marked as "GND", and tighten screw to secure the wire. NOTE: some fixtures do not include a separate ground wire.

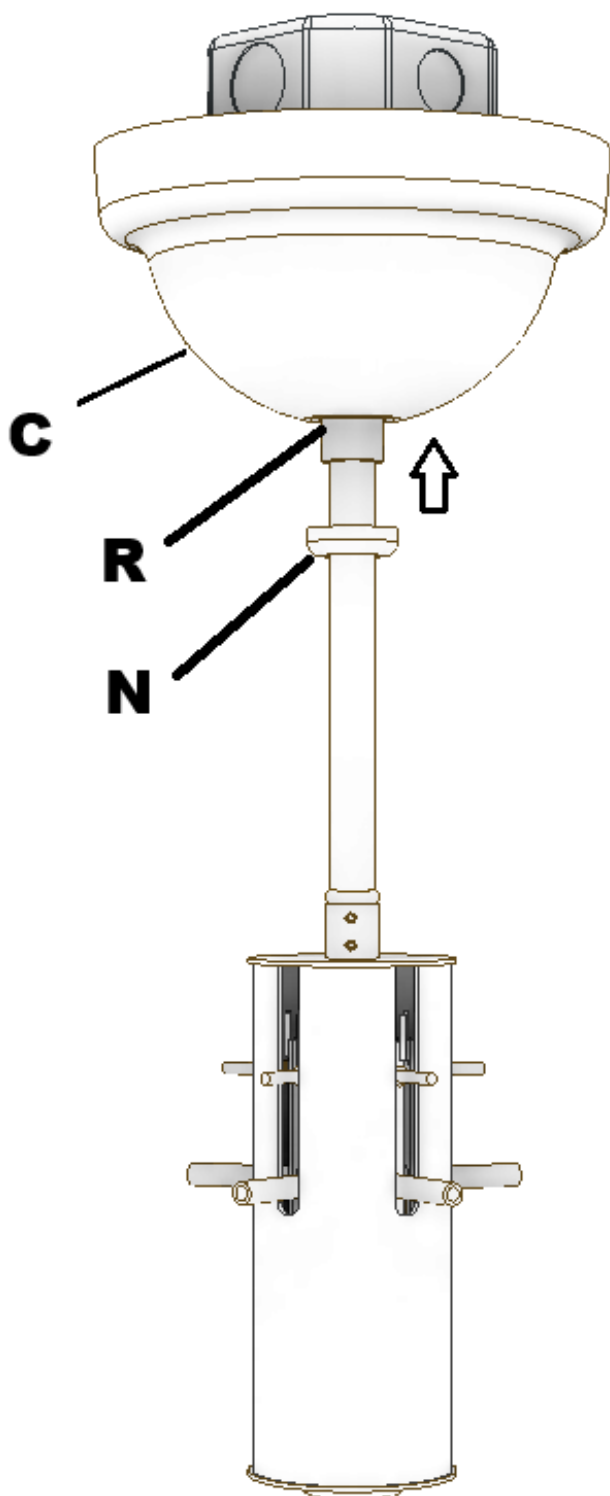
Connect the NEUTRAL FIXTURE WIRE to the NEUTRAL J-BOX WIRE first and then connect the HOT FIXTURE WIRE to the HOT J-BOX WIRE using the Plastic Wire Nut Connectors (T). Wrap these connections with electrical tape. Be sure that no wire strands are exposed.

NOTE:

IT IS IMPERATIVE THAT THE JUNCTION BOX IN YOUR HOME BE PROPERLY GROUNDED!

DO NOT REVERSE THE HOT AND NEUTRAL CONNECTIONS OR SAFETY WILL BE COMPROMISED.

4. Check the wiring connections and if all looks good, gently tuck the wire connections neatly into the ceiling junction box.

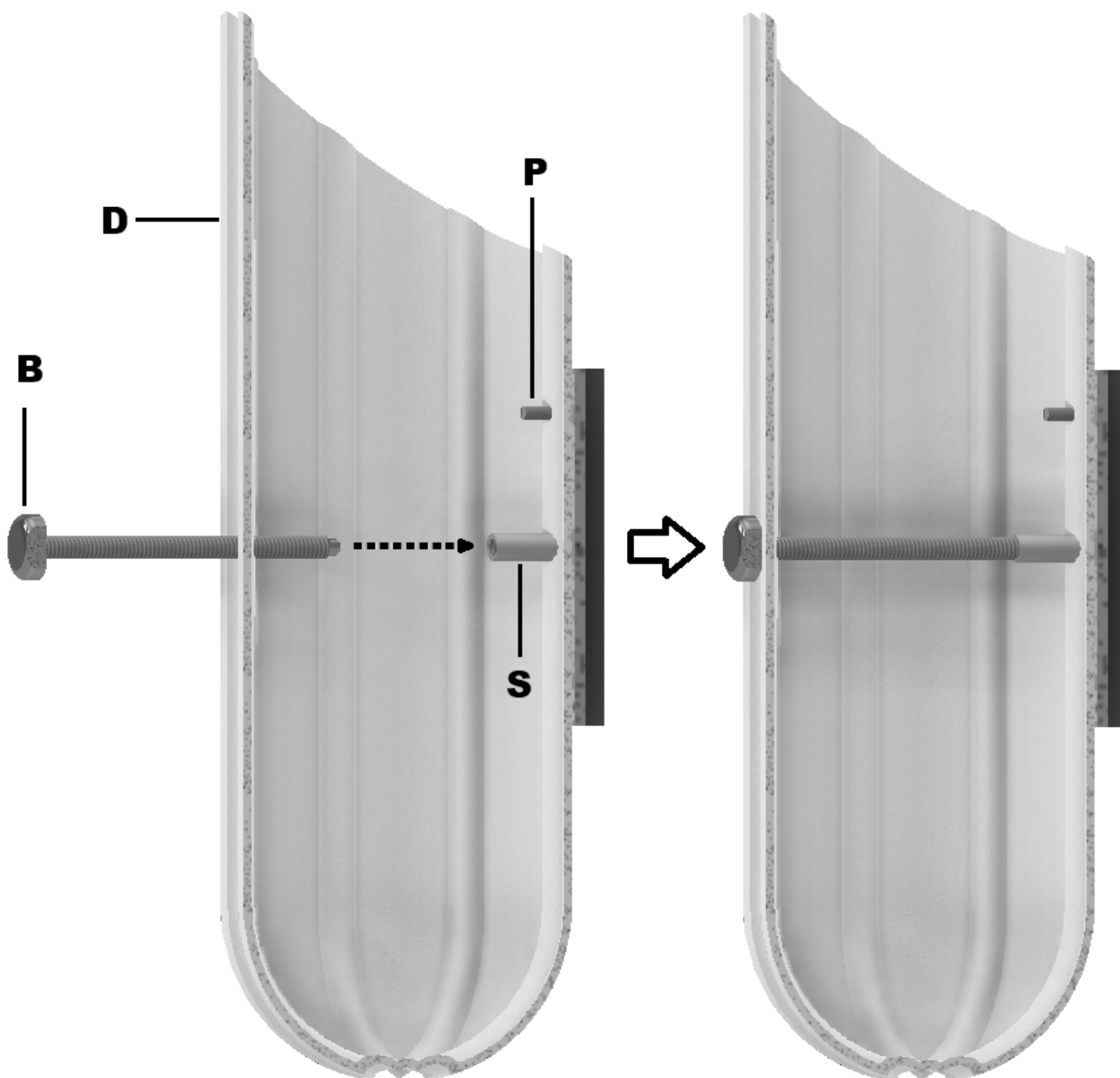


5. Being careful not to scratch the tube finish, slip the Canopy (C) upwards until it just touches your ceiling, then carefully slide the Slip Nut (N) up until it engages with the threaded nipple (R). Fully tighten nut until it stops – do not over-tighten.

To Attach Shades:

The Shades (D) attach using a single Bolt (B) per shade. Carefully position shade open side up whereby the larger lower hole fits over the Standoff (S) and upper hole over the Threaded Pin (P) as shown in the image below. Next insert Shade Bolt (B) through front hole and thread into the Standoff. Do not over tighten. Note that this is easiest to do while looking down into the shade from above, but there is also a small center-finding pin on the end of each bolt to help locate the standoff.

Done!



IMPORTANT INFORMATION:

Please read before installing your fixture!

1. When installing shades, do not over-tighten the screws holding them.
The shade should be held securely, but still be able to be turned in the shade holder.
2. If your fixture has become slightly misaligned during shipping you can often “tweak” it back into alignment with a gentle twist. If this doesn’t work, give us a call for further advice.
3. If your fixture has a UL Wet Location Rating, additional precautions need to be taken. Fixtures with glass shades must be installed shade up. All supplied rubber washers must be installed between screw heads and the fixture canopy. After installation, all wet location fixtures must be caulked with suitable RTV or silicone caulking around the top, sides and bottom of the fixture where they contact the wall, and the top sides, and bottom of the joint between the canopy and the body of the fixture.
Drain holes in fixture should be routinely cleaned to prevent an accumulation of water.

*If you have any doubts about how to install a light fixture, or if a fixture fails to operate properly, please contact a local licensed electrician.

Care instructions:

- Wipe clean with a soft, dry cloth or static duster.
- Always avoid the use of harsh chemicals or abrasive cleaners as they may cause damage to the fixture’s finish.

PLEASE KEEP OR RECYCLE THESE INSTRUCTIONS

