

Derek Marshall Lighting LLC

Constellation and related chandelier mounting Instructions

Do not exceed the lamp wattage of 100 watts per bulb

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 hazards involved.

Note: The important safeguards and instructions appearing on this page are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which cannot be built into any product. These factors must be supplied by those installing and operating this fixture.

1. Shut off power to the electrical box at the circuit breaker. Attach the provided fixture bracket to the ceiling box by means of two 8-32 screws. Ensure the two provided screws in the fixture bracket extend at least an inch beyond the bracket (the final adjustment will come when the ceiling canopy is attached).
2. Remove all materials from packing and set on a non-scratch level surface. Please handle the armature assembly with care. Avoid dropping, bumping or scratching. The necessary hardware is in a separate box which includes the canopy cover, fixture bracket, mounting plastic lock rings and lock washers.
3. **Note: The small drop tubes for the individual glass elements will be able to be turned a few degrees left or right in order to ensure that the assemblies all hang vertical and true. They were turned 90 degrees counter-clockwise for shipping. Please turn them gently 90 degrees clockwise to return them to their correct position Note: *the glass lenses are not installed until the chandelier is attached to the ceiling.***

4.



a. Place the armature on a clean smooth top table with the attached bulb drop tubes uppermost. The drop tubes were shipped rotated counter-clockwise about 90 degrees to prepare them for shipping. The long central drop tube will need to be attached to the cluster body.

- b. . Carefully rotate these outer drop tubes **clockwise** until they are pointing upward as the following photographs show. It is important not to unscrew these drop tubes as they might come undone. If they are a little tight, ease them gently to the correct position. When hung, they may be finally adjusted to be plumb, gravity will ensure that they remain plumb.



c. The central drop tube was detached for shipping purposes with the wiring in place.(see left) Note that the plastic socket is not currently attached to the

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central drop tube but can rotate freely (see right). Carefully insert the threaded end of the central drop tube into the threaded hole in the central cluster body and tighten very snugly by hand. Note that the internal components of the bulb holder do not turn and will not cause any twisting of the wires.



d. Push the internal components of the central bulb holder into the top of the bulb holder as shown. It is important that these components align their internal tabs correctly. Turn the free electrical components of the bulb holder until they mesh with the main body. When the components are correctly aligned (the components can no longer turn), screw the final round plastic retainer onto the female threads on the bulb holder. **Important:** Be sure to hold the internal components firmly together with a finger inside the plastic retainer as you tighten. There is a ratcheting internal component that keeps the parts from becoming inadvertently unscrewed later on. Make sure that the ratchet mechanism is as tight as possible by hand only. Avoid cross-threading.

5. Invert the armature to its correct upright position to attach the main ceiling drop tube that will attach to the ceiling electrical box (have another person help here). You may stand the armature on an open box to allow the central small drop tube to hang freely.
6. First, thread the black and white supply wires coming from the cluster body through the ceiling drop tube assembly and screw the drop tube assembly onto the cluster body tightly by hand using the provided lock washer. Make sure the small plastic grommets inside on each end of the drop tube remain in place. **Ensure that the swivel mount is at the top of the drop tube and attaches to the ceiling box by way of the canopy. Again, make sure the swivel mount is at the top end of the tube, not the bottom.**
7. Attach canopy cover to the swivel on the end of the drop tube using the lock washer and nut provided. Tighten securely with a 9/16" wrench.
8. Holding the drop tube and canopy assembly, attach the fixture wires to the supply wires using appropriate wire nuts ensuring black goes to black and white to white. (Wire nuts are usually supplied by the electrician who installed the box. If you need additional wire nuts, please contact us.)
9. Slide canopy up and onto the mounting screws protruding from the fixture bracket. Apply the two acorn nuts and tighten until the canopy is snug against the ceiling. Please ensure that the excess electrical wires are safely pushed back into the box before tightening. Make sure the swivel allows for some movement of the drop tube.
10. Slip the glass lens onto the threaded bulb holder and apply the shade rings snugly to attach the glass lens assembly. Be sure the ring is correctly holding the glass element.
11. Installation is now complete. Install bulbs, turn on the power.

If you have any questions on this procedure, call us at 603-284-7000

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