

H.E. WILLIAMS. INC.

# **LED CYLINDERS**

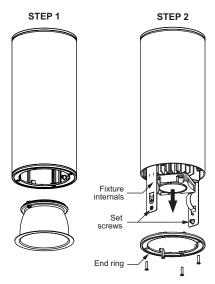
## INSTALLATION INSTRUCTIONS

#### **WARNING:**

- 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.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- · ESD or mechanical damage voids all warranties.

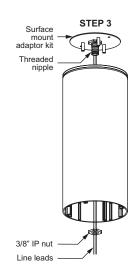
#### FOR USE WITH: LC6, LC7, LC7UD, HC7, MC7

#### **SURFACE MOUNT (LC SERIES ONLY)**



**STEP 1:** Remove the cone assembly and set aside in safe place.

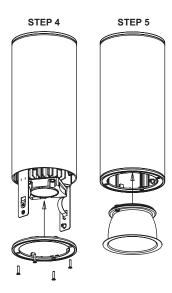
STEP 2: Detach the bottom end ring by removing the (4) flat head screws. Loosen the (2) set screws indicated and remove the fixture internals.



**STEP 3:** Pull line leads down through the threaded nipple of the surface mount adaptor and attach to a 4" octagonal box.

Route the line leads down through the upper cylinder cover, then lift empty fixture housing up so that the threaded nipple passes through the center hole.

Use the extra 3/8" IP nut provided in the surface mount adaptor kit to mount the cylinder housing.



**STEP 4**: Make all electrical terminations.

Reverse step #2 to re-install fixture internals and end ring.

**STEP 5:** Re-install cone assembly.

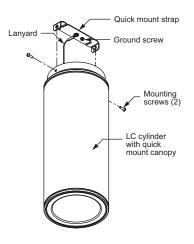
#### **QUICK SURFACE MOUNT**

**STEP 1:** Remove the mounting screws and detach the quick mount strap from the canopy.

**STEP 2:** Attach the "quick mount strap" to a recessed 4" octagonal box.

**STEP 3:** Make all required line lead terminations while fixture is supported by the lanyard.

**STEP 4:** While tucking excess wire into the canopy, lift the fixture into place & re-install mounting screws.



# WALL MOUNT

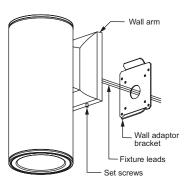
**STEP 1:** Back out the (2) set screws on the bottom side of the cast wall arm and remove the wall adaptor bracket.

**STEP 2:** Attach the wall adaptor bracket to the recessed junction box (4" sqr or oct) - the narrow flange must point upward.

**STEP 3:** Make line lead terminations and push excess wire through the hole in the wall adaptor plate.

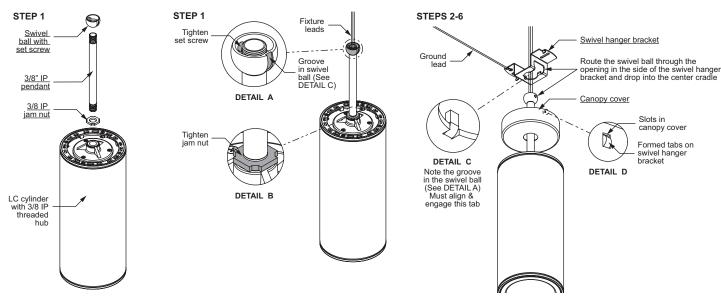
**STEP 4:** Hook the cylinder with wall arm over the top (narrow) flange of the wall adaptor bracket, then let rest against the wall.

**STEP 5:** Tighten the (2) set screw to lock the wall arm firmly against the wall.



# LED CYLINDERS INSTALLATION INSTRUCTIONS

# NOTE: UNDERLINED ITEMS ARE INCLUDED IN HARDWARE KIT THAT SHIPS WITH CYLINDER **PENDANT MOUNT**



**STEP 1:** Pull fixture leads up through the pendant and pre-assemble hardware as shown

**STEP 2:** Attach the swivel hanger bracket to the recessed splice box (4" sqr or oct)

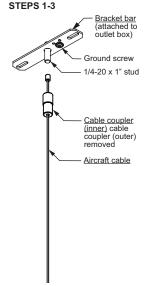
**STEP 3:** Route the canopy cover down over the pendant & rest atop the fixture

**STEP 4:** Pull fixture leads up through the swivel ball adaptor then hang the fixture

STEP 5: Make all electrical terminations

**STEP 6:** Lift the canopy cover into place and attach using the retaining tabs (DETAIL D)

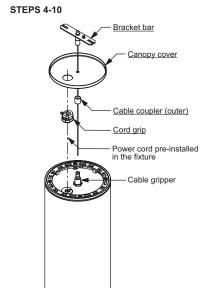
### **CABLE MOUNT**



**STEP 1:** Attach the bracket bar to the recessed junction box (4" octagonal)

**STEP 2:** Remove the cable coupler - inner from the cable coupler - outer

**STEP 3:** Use the cable coupler - inner to attach the cable to the bracket bar



**STEP 4:** Use the cable coupler - outer to attach the canopy cover to the bracket bar

**STEP 5:** Lift the cylinder up and insert the end of the aircraft cable into the cable gripper

**STEP 6:** Adjust the cylinder height using the cable gripper

**STEP 7:** Route the power cord from the fixture to the canopy cover, then use the cord grip to attach it to cover.



**STEP 8:** Back out the cable coupler - outer to drop the canopy cover from the junction box

**STEP 9:** Make power terminations, then re-attach the canopy cover

**STEP 10:** Optional: use the wire ties provided to tie the power cord to the aircraft cable