

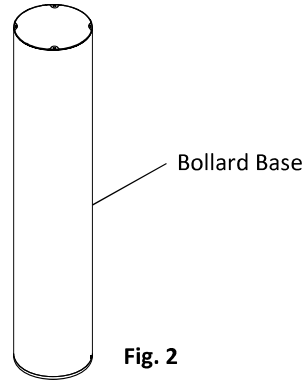
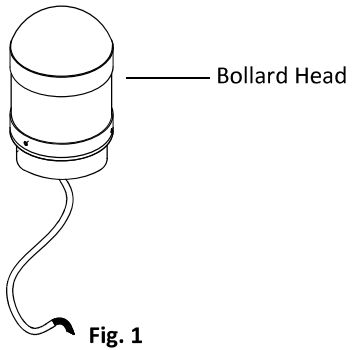


LED ROUND BOLLARD INSTALLATION INSTRUCTIONS

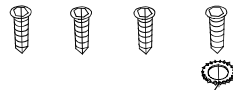
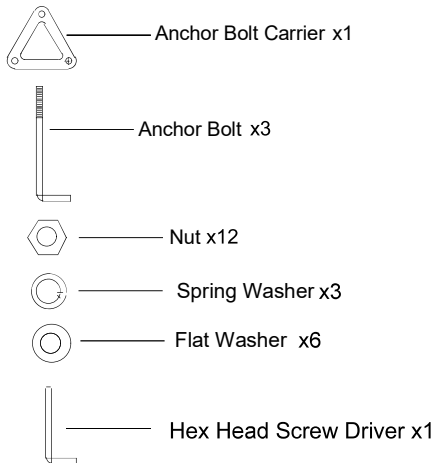
MORRIS CAT#'s: 72310-72333

Installation Instructions:

Remove the Bollard Head (Fig. 1), the Bollard Base (Fig. 2), and the Mounted Kits (Fig. 3) from the packaging.

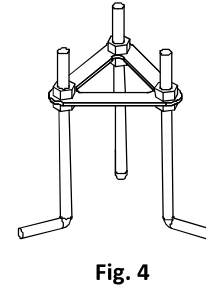


Mounting Kit Fig. 3



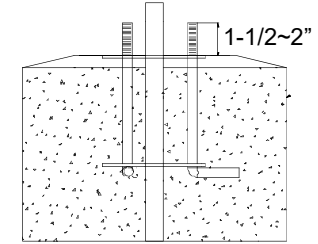
Note: A washer must be added to each screw for to ensure a proper grounding connection.

Step 1:



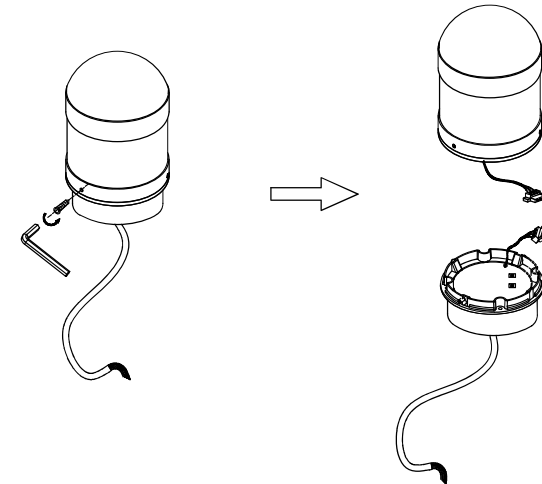
- Prepare the installation area. Assemble the anchor bolt carrier as shown below. (Fig. 4) Use the Anchor bolt carrier to determine the placement of the anchor bolts in the concrete
- Install the 3 Anchor Bolts as shown below (Fig. 5). Please make sure you have at least 1-1/2" - 2" protruding from the concrete, including the full thread on each bolt.

Note: Make sure the concrete base is secure and can handle the weight of the Bollard. Check to make sure each of the 3 bolt threads are clear from any dirt or debris.

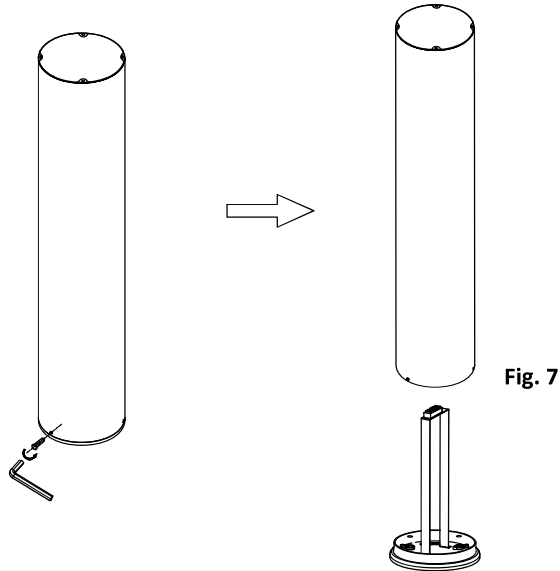


Step 2:

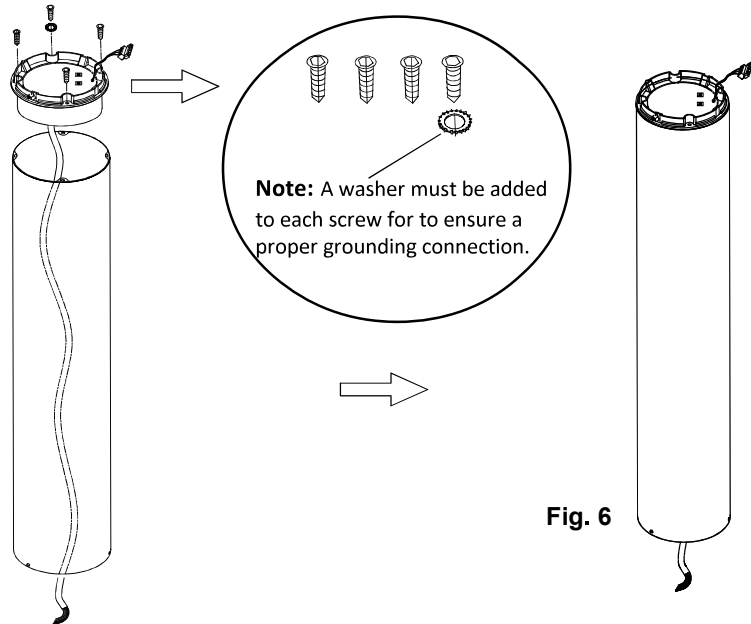
Using the hex head screw driver (included), remove the screw as shown below and disconnect the head of the bollard. (Fig. 4)



Step 3: Using the hex head screw driver (included), remove the screws at the bottom of the Bollard Base, as shown below. Disassemble the Bollard Base as shown below (Fig. 7) and carefully lay down the Bollard Base on a flat surface.



Step 4: Attach the CCT & Wattage Tunable unit to the Bollard Base. Using the 4 screws (provided) secure the CCT & Wattage Tunable unit to the Bollard Base as shown below (Fig. 8).



WIRING DIAGRAM:

Supply Line	⓪ ⓪	Black Wire
Supply Neutral	⓪ ⓪	White Wire
Supply Ground	⓪ ⓪	Green Wire
0-10V Dim+	⓪ ⓪	Purple Wire
0-10V Dim-	⓪ ⓪	Gray Wire
	⓪ ⓪	Yellow Wire

LED BOLLARD

Fig. 13

Step 5:

- Place and align the bollard base plate over the anchor bolts and tighten the nuts securely, to secure the base plate to concrete.
- Connect the wiring as per the Wiring Diagram shown in (Fig. 13).

Note: Add foam or silicon (not included) at the bottom of the base will help to prevent water damage to this fixture.

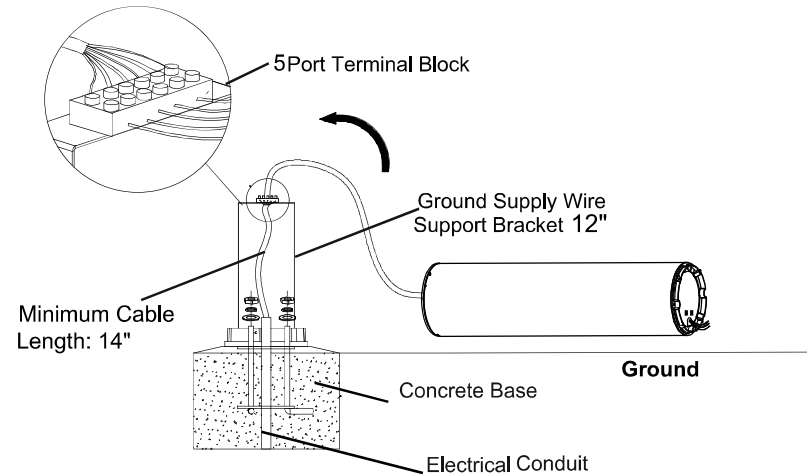


Fig. 9

Step 6:

- Select the desired CCT & Power in (Fig10) by DIP switches
Default Settings: **22W/5000K**

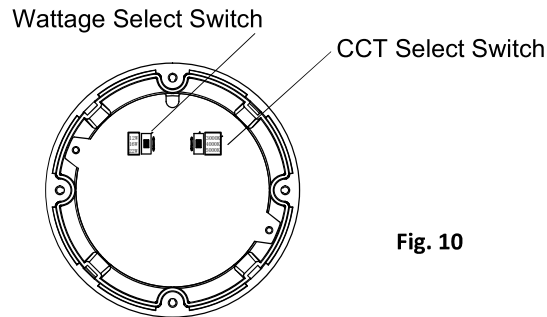
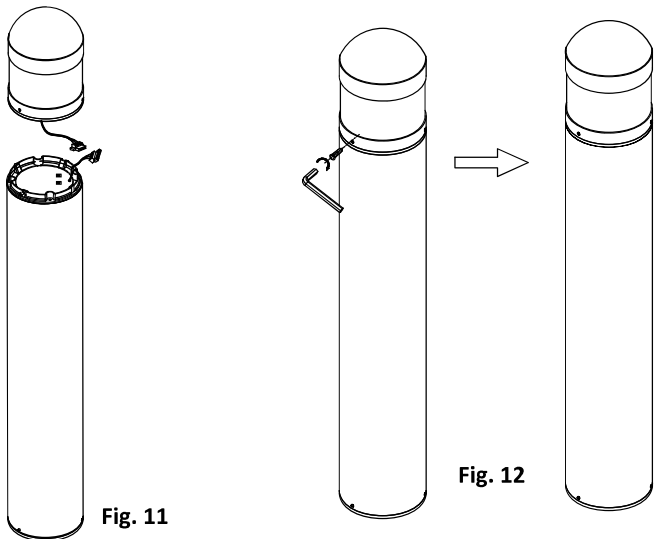


Fig. 10

Step 7:

- Connect the fixture head to the shaft using the connectors as shown below. (Fig. 11)
- Tighten the 3 screws on the fixture head securely using the hex head wrench provided. (Fig. 12)
- Connect fixture to main power.



 **WARNING**

RISK OF FIRE. ELECTRIC SHOCK. INJURY OR PROPERTY DAMAGE.

- Risk of electric shock--Disconnect all power to equipment before installing or servicing this fixture.
- This fixture is to be installed by a licensed electrician only, meeting all local and national electrical codes.
- Read these instructions before installing, servicing or maintaining this equipment.
- The installer must ensure that the foundation is stable and can support this fixture's weight.
- The qualified electrician must make sure to securely mount this fixture to the base.

 **CAUTION**

- This equipment has edges that may cut you --wear gloves while handling or servicing this equipment.
- Before installing this fixture, inspect equipment for damage from shipping and handling. If you notice damage, contact Morris Products immediately: 1-888-777-6678.
- Wipe off any dust with a dry, soft microfiber cloth. Remove greasy spots, etc with a soft cloth dampened in lukewarm water <math><122^{\circ}</math> F with a mild cleaning detergent.
- Never use detergents containing abrasives and solvents.
- **WARNING:** Scouring powder and similar substances will scratch surfaces.