

Installation Instructions: PVC Pipe Mount Option (For Bollards 25" & Shorter)

1. Locate the area(s) where the Bollard(s) will be placed.
2. If the Bollards are not being mounted to existing concrete or a new concrete footer then a hole will need to be dug at each location for the bollards.
3. Dig a 20" deep hole for the Bollard(s) using post hole diggers. Place the dirt to the side of the hole so that the excess dirt can be used as backfill if needed.
4. Slide the Universal Mounting Plate (UMP) over the PVC Pipe Mount (shown in Figure A). The UMP will slide over 4" of the PVC Pipe Mount. **Ensure that the top of the PVC meets the base of the UMP creating a snug fit.**
5. Connect a 8" - 12" piece of 1/2" Electrical Conduit to the 1/2" hole on the PVC Pipe Mount using a 1/2" Threaded Male Coupler (shown in Figure A).

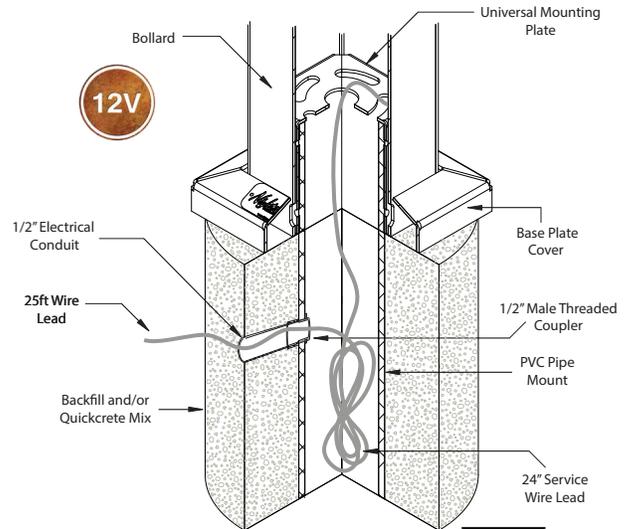


Figure A

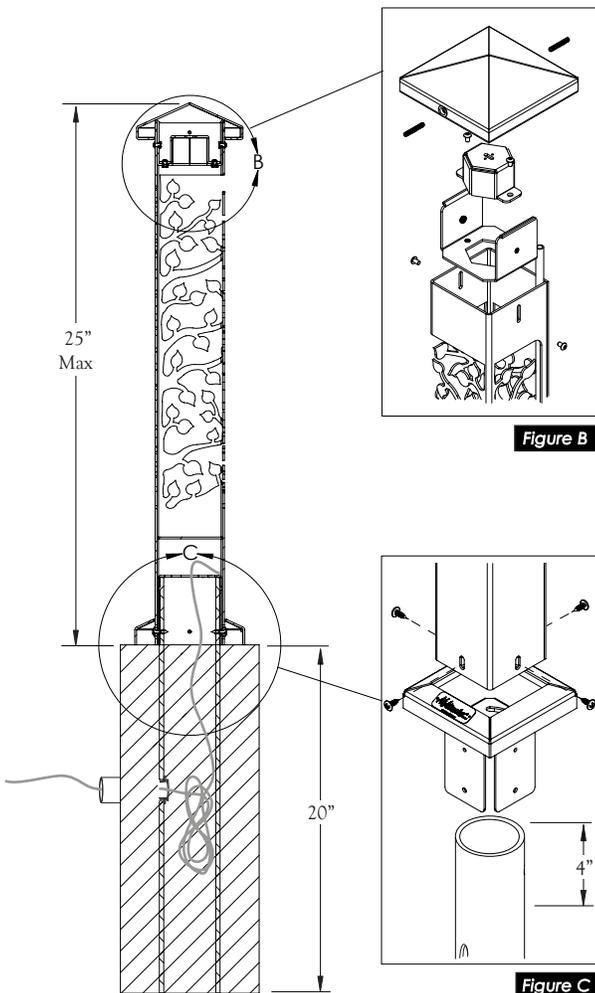


Figure B

Figure C

6. Assemble the top section of the Bollard shown in Figure B.
7. Once you have assembled the top section of the Bollard, slide the Base Cover Plate over the bottom section of the Bollard.
8. Then slide the UMP that is attached to the PVC Pipe Mount into the base of the Bollard. Securely fasten the UMP to the PVC with the screws provided (shown in Figure C).
9. **Before sliding the UMP/PVC Pipe Mount into the Bollard base run the 25' Lead Wire through the PVC Pipe Mount exiting through the 1/2" Electrical Conduit.** Make sure to leave approximately 24" of lead wire inside of the PVC Pipe Mount so future service work can be performed.
10. Now place the fully assembled bollard into the 20" hole. Backfill the hole with the dirt that was removed earlier. Firmly tamp the dirt around the PVC Pipe Mount and Bollard to ensure that the Bollard is level and secure. **Make sure that the Bollard is sitting about 1/2" above the ground level.** Not following these instructions will void all warranties.
11. **Quickcrete can also be used around the PVC Pipe Mount.** If using Quickcrete, ensure that the Quickcrete does not extend above the 1/2" hole for the 1/2" Electrical Conduit. Fill the remaining part of the hole with the excess dirt. Firmly tamp the dirt around the PVC Pipe Mount and Bollard to ensure that the Bollard is level and secure.
12. Connect the lead wire from the luminaire to the power supply line using lithium grease filled wire nuts (provided).
13. **Note: Light Glare can be reduced with the Adjustable Socket Holder Plate by adjusting the two set screws on the side of the Bollard.**