

LOW VOLTAGE ELECTRIC LAMP INSTALLATION INSTRUCTIONS

Post, Pier and Wall Mounted For Incandescent Lighting

****FOR 12V-24V DC INPUT POWER SUPPLY ONLY WHEN USING THE SUPPLIED LOW VOLTAGE BULBS****

IT IS RECOMMENDED THAT THIS PRODUCT BE INSTALLED BY A QUALIFIED ELECTRICIAN

POST MOUNTED LAMPS

POST INSTALLATION(For Standard Burial Posts):

- (1) Dig a hole 21" deep x 12" wide.
- (2) If a pedestal base is being used, proceed to step 3, if no pedestal base is being used place the post in position and pour concrete around the bottom of the post to just below the access hole. Proceed to step 4.
- (3) Pour the concrete in the hole. Place the pedestal base over the hole and slide the post down through the center of the base into the concrete leaving the access hole just above the concrete line.
- (4) Run (UL/CSA approved outdoor/underground) wires from the main supply line through the access hole at bottom of post and up through to the top.
- (5) Plum the post and back fill the hole. If using a pedestal base, push the base down in the back fill to secure in place. If the base is not secured in the ground, the freeze and thaw of the ground can cause the base to rise and fall causing the finish on the post to scratch.

INSTALLING LAMP ON POST 12V-24V DC input power ONLY

- (1) Attach rain shield and finial if not already attached to lamp.
- (2) Connect the lamp to your **LOW VOLTAGE(12V-24V DC)** power supply.
- (3) Lower lamp onto post making sure that the wires are not pinched between post and lamp.
- (4) Tighten set screw(s) in collar of lamp to secure to post.
- (5) Install the supplied **LOW VOLTAGE** bulbs into sockets.
- (6) Apply power and check operation of light.

PIER MOUNTED LAMPS 12V-24V DC input power ONLY

1. At your local hardware store, purchase the mounting hardware that is appropriate for the material that you are mounting the lamp on.
 - a. #12 x 2" wood or sheet metal screws, stainless steel or galvanized for a wood 1" or thicker.
 - b. 3/16" or #12 x 2" lead expansion anchor (Molly or toggle bolt) for hollow material or other than wood or wood less than 1" thick.
 - c. 3/16" or #12 x 2" lead expansion anchor and #12 x 2" stainless or galvanized screw for masonry.
2. Set the pier mount in position on the pillar over the junction box centered under the lamp and mark the pilot holes at the base of the pier mount.
3. Remove the pier mount and drill the marks with the appropriate drill bit for the material that you are drilling.
4. Place the pier mount over the holes and secure to pier/pillar. **CAUTION: DO NOT OVER TIGHTEN!**
5. If your lamp is not already attached to the pier mount, attach the lamp by sliding over the stud at the top of the pier mount and secure using the set screw in collar of lamp.
6. Remove the cover plate from the pier mount and connect the lamp to your **LOW VOLTAGE(12V-24V DC)** power supply.

WALL MOUNTED LAMPS 12V-24V DC input power ONLY

- (1) Determine the composition of the wall to which it will be mounted.
- (2) Four #12 x 1 1/2" wood screws are supplied for wood walls 1" or thicker. If any other type of wall, the consumer must obtain the appropriate fasteners using the options below.
 - a. 3/16" or #12 x 1 1/2" lead expansion anchors (molly or toggle bolt) for hollow walls other than wood or wood less than 1" thick.
 - b. 3/16" or #12 x 1 1/2" lead expansion anchors and #12 x 1 1/2" stainless screws for masonry walls.
- (3) Mark and drill pilot holes (for wood) or larger holes for hollow wall or masonry fasteners. Drill holes the proper size for fastener that's being used, if masonry, install lead anchor.
- (4) If your lamp is not already installed on the wall bracket, feed the wires from the lamp down in the collar of the bracket and through the hole that leads to the arm of the bracket. Feed it through the arm and out through the back plate of the bracket.
- (5) Place the lamp flush on the collar of the wall bracket and tighten the set screw in the collar of the lamp to secure in place on the bracket
- (6) Connect the lamp to your **LOW VOLTAGE(12V-24V DC)** power supply.
- (7) Install the supplied **LOW VOLTAGE** bulbs and check operation of lamp.
- (8) Mount lamp assembly to the wall using necessary fasteners, passing them through wall mount and back plate(if supplied).
- (9) Caulk top, bottom and sides of mount along wall.

GLASS INSTALLATION (For models 1100, 1700, 3600, 4200 and 4300, follow instructions packed with lamp)

- (1) Install glass by fitting top corner into frame top then opposite corner. (refer to illustration)
 - (2) Press glass against tabs inside of frame and allow it to slide into bottom frame.
- ** (If using bevel glass install with bevel facing inside of lamp)**



**AMERICAN
GAS LAMP WORKS**

1299 4th Ave, New Kensington Pa 15068

724-274-7131

www.americangaslamp.com