



# ELECTRIC LAMP INSTALLATION INSTRUCTIONS

## Post, Pier and Wall Mounted For Incandescent Lighting

**\*\*This product must be installed by a qualified electrician and in accordance with the applicable installation code\*\***

### 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 branch circuit through the access hole at bottom of post and up through to the top opening of the post.
- (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

- (1) Attach rain shield and finial if not already attached to lamp.
- (2) Follow Wiring Instructions then proceed to step (3)
- (3) Lower lamp onto post **making sure any access hole in the collar of the lamp is closed off by the post and 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 bulb(s) into socket(s).
- (6) Apply power to circuit and check operation of light.

### PIER MOUNTED LAMPS (Must be mounted on or over a junction box)

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. If using a photo cell, make sure the photo cell is aligned with the slot in the stud.
6. Remove the cover plate from the pier mount and follow the wiring instructions.

### WALL MOUNTED LAMPS (120 line voltage) (MUST BE MOUNTED OVER A JUNCTION BOX)

- (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) Follow wiring instructions, then proceed to step 7
- (7) Mount lamp assembly to the wall using necessary fasteners, passing them through wall mount and back plate(if supplied).
- (8) Caulk top, bottom and sides of mount along wall.

### WIRING INSTRUCTIONS: (120 line voltage) "FOR MINIMUM 90 DEGREE CELSIUS SUPPLY CONDUCTORS"

- (1) Make sure power is **OFF** If a photocell is being used, follow photocell installation instructions (on back).
- (2) Use UL/CSA approved wire connectors for the connection of the lamp to the branch circuit.
- (3) Connect **white** (neutral) wire of lamp to **white** (neutral) wire of branch circuit.
- (4) Connect **black** (hot) wire of lamp to **black** (hot) wire of branch circuit.
- (5) Connect **bare** (ground) wire of lamp to **ground** wire of branch circuit.
- (6) Install bulb(s), and apply power to circuit and check operation of the light.

### 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)**



## PHOTO CELL INSTALLATION INSTRUCTIONS

If the photo cell is already installed in the post or lamp, proceed to the photo cell wiring instructions.

### POST MOUNTED lamps in which the photo cell is NOT already installed in the post:

- (1) Peel backing off of gasket.
- (2) Place gasket over the nipple with the adhesive side facing outward.
- (3) Slide nipple through hole in post and press firmly against inside of post.
- (4) Screw the nut on tightly enough to make a weatherproof seal.
- (5) Follow the **photocell wiring instructions**.

### PHOTO CELL WIRING INSTRUCTIONS

#### **FOLLOW WIRING INSTRUCTIONS CLOSELY.**

**THE PHOTO CELL WILL NOT OPERATE CORRECTLY IF IT IS NOT WIRED AS INSTRUCTED BELOW.**

- (1) Make sure power is OFF
- (2) Line voltage must be 120V.
- (3) Make sure no artificial light will cause the control to turn off at night.
- (4) Wiring Procedure: (using UL/CSA approved wire connectors)
  - a. Connect the **Black**(hot) wire from the **branch circuit** to the **Black** wire of the **photocell**.
  - b. Connect the **Black** wire of the **lamp** to the **Red** wire of the **photocell**.
  - c. Connect the **White** wire of the lamp **AND** the **White** wire from the photo cell to the **White**(neutral) wire of the branch circuit.
  - d. Connect the **bare**(ground wire) of the **lamp** to the **ground** wire of the **branch circuit**.
- (5) Install bulb(s) and turn power on.
- (6) If control is tested in daytime, lamp will come on but should turn off in less than 2 minutes.
- (7) If control is tested at night, use a flashlight and shine the light on the cell. The lamp should turn off in less than 2 minutes. The lamp will come on in 2 minutes or less after removal of the light.
- (8) Refer to GLASS INSTALLATION instructions.

