

# INSTALLATION INSTRUCTIONS

## 12/2 CABLE / 12 VOLT FIXTURES

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### CAUTIONS

- Improper installation of fixture connectors to cable (see Figure 1) will:
  - cause the fixture to be without power, or
  - cause arcing between the piercing pins (in connector) and stranded conductors (in cable).
 See Figure 2 for detail showing proper installation of fixture connector to cable.
- WARNING- Risk of Electric Shock.**  
Install power unit 5 feet (1.5 m) or more from a pool or spa and 10 feet (3.05 m) or more from a fountain. Where the power unit is installed within 10 feet (3.05 m) of a pool or spa connect power unit to a GFCI protected branch unit.
- Energized lamp is HOT!

### NOTES

- The main secondary cable is suitable for direct burial. The cable catalog numbers are E-GC122K and the corresponding power unit catalog numbers are E-GX300 and E-GX302 (300W) and E-GX600 and E-GX602 (600W). For information regarding lengths of wire and voltage drop, see power unit instructions.
- The fixture wiring is to be routed in close proximity to the fixture, housing, or deck.
- The wiring shall not be buried, except for where the cord connects to the main secondary cable, but not more than 3 in. (76 mm), and the total length shall be such that the connection is made within 3 in. of the luminaire, housing or deck.
- Additional connectors (E-GA08) can be ordered.

### MOUNTING SPLINE

- Drill 3/16" [0.188" (4.76 mm)] hole in spline. (See Figure 3A)
- Use #8 flat head screw appropriate for mounting surface.
- Screw spline down to mounting surface. (See Figure 3)
- Place 12/2 cable in spline.
- Attach fixture connector to spline. (See Figure 2)

FIGURE 1

### IMPROPER INSTALLATION

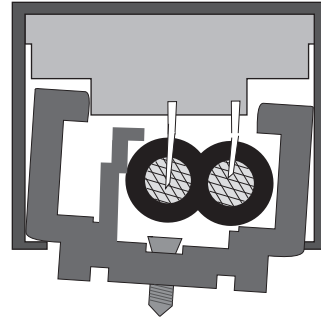
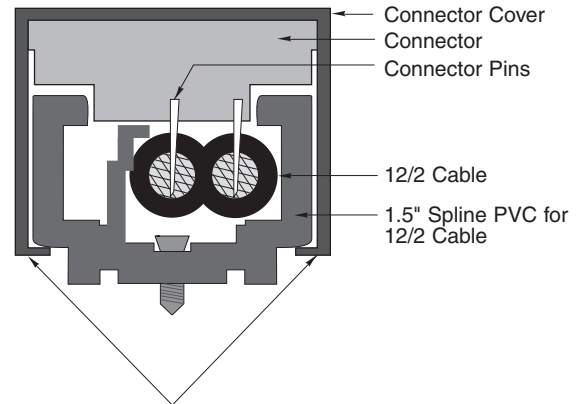


FIGURE 2

### CORRECT INSTALLATION



Both sides of connector cover flange must snap tightly onto track section (or spline) to secure connection

FIGURE 3

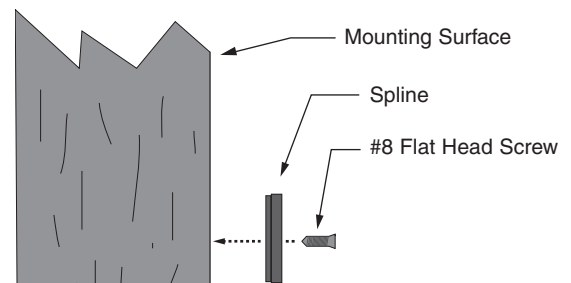
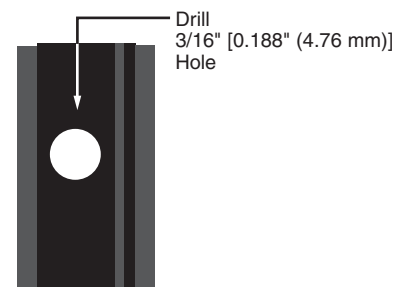


FIGURE 3A



# INSTALLATION INSTRUCTIONS 10/3 CABLE / 12 VOLT FIXTURES

Document	C1172X02R0	Date	05/25/10
Drawing/Page	JAD	DCR #	10-162



## CAUTIONS

1. Improper installation of fixture connectors to cable (see Figure 1) will:
  - cause the fixture to be without power, or
  - cause arcing between the piercing pins (in connector) and stranded conductors (in cable).See Figure 2 for detail showing proper installation of fixture connector to cable.
2. **WARNING- Risk of Electric Shock.**  
Install power unit 5 feet (1.5 m) or more from a pool or spa and 10 feet (3.05 m) or more from a fountain. Where the power unit is installed within 10 feet (3.05 m) of a pool or spa connect power unit to a GFCI protected branch unit.
3. Energized lamp is **HOT!**
4. If wiring through building structure, consult qualified electrician for Class I wiring requirements.

## NOTES

1. The main secondary cable is suitable for direct burial. The cable catalog numbers are E-GC103K (black), or E-GC103W (white), and the corresponding power unit catalog numbers are E-GX300 and E-GX302 (300W) and E-GX600 and E-GX602 (600W). For information regarding lengths of wire and voltage drop, see power unit instructions.
2. The fixture wiring is to be routed in close proximity to the fixture, housing, or deck.
3. The wiring shall not be buried, except for where the cord connects to the main secondary cable, but not more than 3 in. (76 mm), and the total length shall be such that the connection is made within 3 in. of the luminaire, housing or deck.
4. Additional connectors (E-GA08) can be ordered.

FIGURE 1

## IMPROPER INSTALLATION

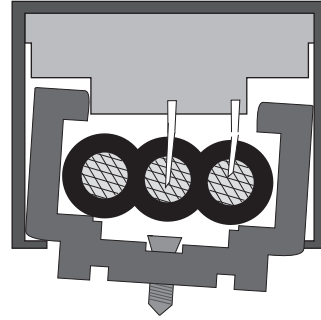
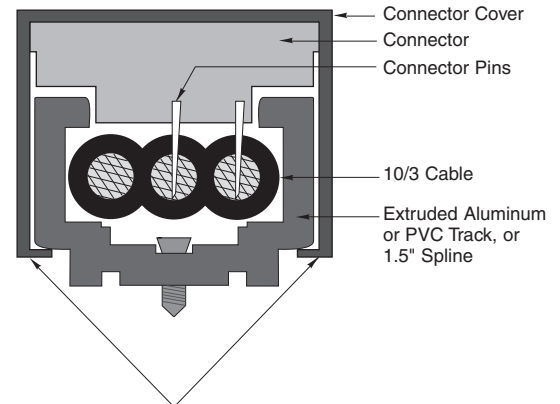


FIGURE 2

## CORRECT INSTALLATION



Both sides of connector cover flange must snap tightly onto track section (or spline) to secure connection