

INSTRUCTIONS FOR INSTALLATION OF THE AMBIANCE ACCENT TRANSFORMER

WARNING: Be sure the electricity to the wires you are working on is shut off; either the fuse removed or the circuit breaker off.

TRANSFORMER INSTALLATION

Select the desired location to mount transformer (not in contact with insulation and away from oven or any other source of intense heat including transformers). Select a UL listed outlet box, box cover, and UL listed connectors (not furnished) appropriate to the size of supply cable at site. Remove desired knockouts from outlet box. Firmly mount the outlet box to surface. Slip supply cable into outlet box and secure in place with connector.

To control transformer, install ON / OFF switch or good quality low voltage electronic dimmer on the 120V side of transformer.

IF APPLICABLE: Secure transformer with double face tape or mounting screws. Make sure, surface is clean, use cleaner with ammonia, allow surface to dry and apply firm pressure to secure in place. Make sure connections are secure in a listed outlet box and that connections meet local codes. Test system, then shut off for 24 hours to allow adhesive to actively create a firm bond with the surface.

Connect supply ground wire to screw in outlet box or screw on connector. Connect white supply wire to white lead on transformer. Connect black supply wire to black lead on transformer. Use UL listed wire connectors to make connections.

Select another UL listed connector (not furnished) appropriate to the Ambiance cable and fasten connector to outlet box. Slip cable to the lighting system through sleeving, into outlet box, and secure in place with connector.

Connect 12V leads from transformer to Ambiance cable. Use UL listed wire connectors to make connections.

Make sure the input (120V) connections will not come in contact with the low voltage (12V) connections.

The wattage load must be a minimum of 15W for the transformers to operate, but must not exceed 60W. Install cover on outlet box with screws.

Note: A minimum airspace of 6" must surround all sides of **EACH** transformer (12" of airspace must separate 2 transformers)

The low voltage Ambiance cable from the outlet box to the point where the first socket will be installed, or if running cable through combustible materials, must be enclosed in the 9435 track with 9439 cover or listed conduit. Attach track to all surfaces with screws, nails, staples or double face tape (not furnished) where cable will run, mitering the track for right or left angles or wall to shelf surfaces. **DO NOT NAIL OR SCREW THROUGH CABLE TO ATTACH TO A SURFACE.** Use 9430 sleeving to cover wire when going through holes in combustible materials, or notch the cabinet wall and run track from cabinet to cabinet. Pull cable starting at transformer, through all holes and snap cable into track.

NOTE: Electronic transformers are equipped with a soft start circuitry feature, which increases lamp life. For proper operation of an electronic transformer, the wattage load must fall within the specified range. If the load does not fall within this range, the transformer may malfunction or lamps might flicker. The only way to test an electronic transformer to determine if it is working properly is to apply a wattage load which falls within the specified range. Volt meters and amp meters will give false readings due to different operating frequencies.

NOTE: As with all electronic transformers there's a potential for Radio Frequency Interference (R.F.I.). To reduce R.F.I., rotate the electronic transformer in relation to the input line, or switch to a magnetic transformer.

NOTE: To minimize noticeable voltage drop, do not allow more than 10ft. between the electronic transformer and the last light.

INSIDE CABINET INSTALLATION

1. Drill 1/2" diameter hole or notch surfaces where cable will be running through shelving or cabinet partition.
NOTE: Low Voltage Ambiance Cable must be covered in Sea Gull Lighting Sleeving (#9430) or track and cover (#9435 & #9439).
2. Install lampholders (#9427 & #9428 etc.), space lampholder no closer than 6" center to center.
3. Do not install lampholder closer than 11/2" to closed ends (wall surfaces, partitions etc.).
4. Do not install more than 20 watts per cubic foot of cabinet air space.
5. Be sure not to decrease the free air space inside the cabinet.

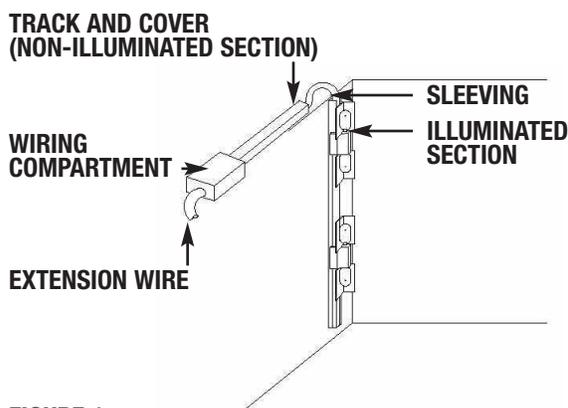


FIGURE 1

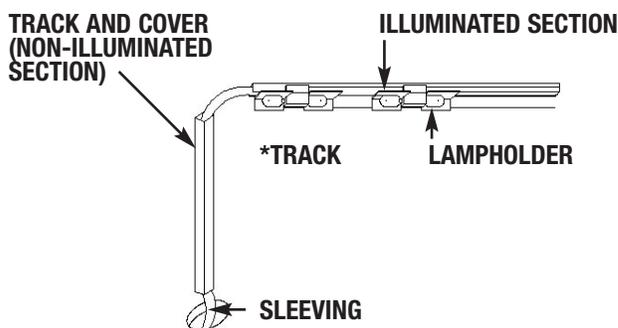


FIGURE 2