

IMPORTANT SAFETY INSTRUCTIONS:

- **Current Limiting Device to be used as a power feed only, not a support!**
- Read all the instructions before installation. Save the instructions for later use.
- Turn off the power at the fuse or circuit breaker box before installation or any maintenance work.
- Current Limiting Device, track and fixtures must be installed according to the National Electrical Code and local building codes. for indoor use only.
- To avoid a hazard to any children, account for all parts and destroy all packing materials.
- Make sure that all the screws are properly tightened.
- **Caution:** to reduce the risk of fire and electrical shock, use only fixtures and fittings intended for use with Con-Tech's 120V Odyssey and Lux Beam Systems.
- The track and all components are rated for 120V, 20AMP capacity. (1920 Watts max at 120 Volts)
- Use 12 AWG supply wire required for 20AMP capacity observing correct polarity.
- Do not exceed the nominal supply voltage or amperage rating.
- Use only Con-Tech regulator circuit breakers (sold separately) to limit lighting load on the circuit.
- **Warning:** Risk of fire. Most dwellings built before 1985 have supply wire rated at 60 °C. consult a qualified electrician before installation.
- Call the Technical Support department at Con-Tech Lighting if you have any installation questions.

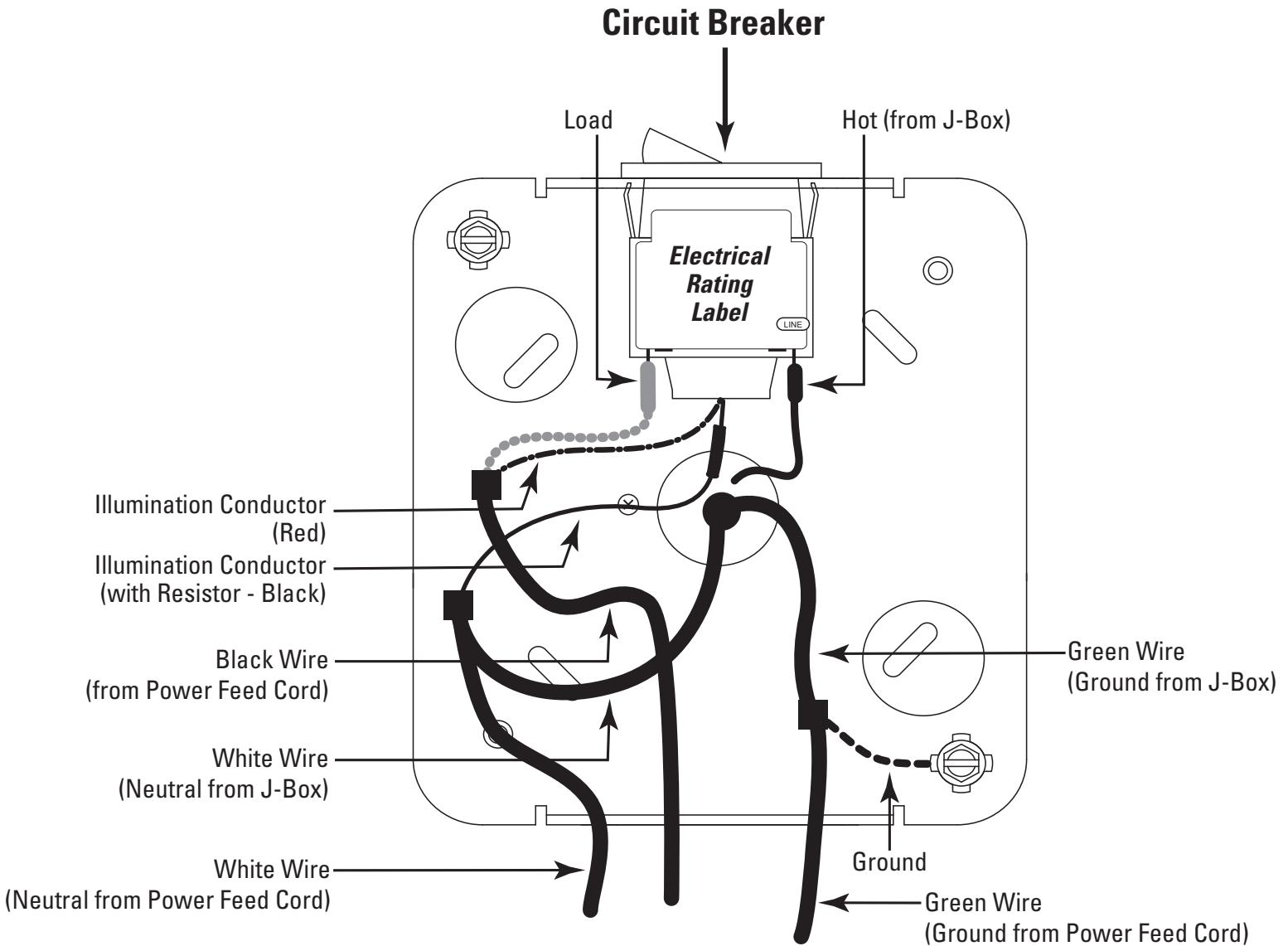
GENERAL DESCRIPTION:

The current limiting device consists of a power feed housing to be used with load limiting circuit breakers (sold separately) that limit the amount of wattage (120W, 300W, 600W or 900W) allowed on each circuit. The circuit breaker can also be used as an ON/OFF switch. The illuminated rocker switch indicates that power is being supplied to the track.

INSTALLATION PROCEDURES:

1. Temporarily remove housing cover.
2. For mounting on a 4" octagon junction box, remove the center knock out by inserting a screwdriver in the pryout slot and bending KO until it separates from the base plate.
3. Pass the power supply wires located in the junction box through the center KO.
4. Secure base plate to the junction box using 2 screws (provided by others) and 2 of the remaining mounting slots in the base plate.
5. Attach wire pigtails to the circuit breaker using the quick connect push on terminals. **Note which pigtail is connected to the line side of the circuit breaker.**
6. Insert the proper circuit breaker, with the rating label facing up, into the mounting hole located on the side of the base plate.
7. Connect wire pigtail(s) from the line side of circuit breaker(s) to what will be the hot supply wire from junction box.
8. Connect the remaining wire pigtail from circuit breaker and the smaller **RED**wire to the black wire from the power cord connected to the housing.
9. Connect the smaller black wire with resistor and the white neutral wire from the junction box to the white wire from the power cord connected to the housing.
10. Connect ground wire from the junction box to the ground wire from the power cord connected to the housing.
11. Check to insure all connections are tight, then position cover and secure using tamper proof screws and driver bit provided.
12. Connect the flexible track by loosening the screws on the track connector attached to the power cord. Open the connector and insert the track. Close the connector for a snug fit. Tighten the screws.
13. For Lux Beam, pass power feed cord through opening on top of any beam connector and then use large wire tie around cord to prevent cord from being pulled out.

Note: Because of variables related to power supply voltage and lamp loads, large tolerances may exist in a lighting system. It is possible the circuit breaker may trip off even if the total wattage on the circuit is equal or slightly less than the amount indicated on the breaker. If this occurs, reduce the wattage on the circuit until the breaker remains on.



Wires from J-Box:

Black to hot lead from circuit breaker.
 White to white from top of housing.
 Green to green from top of housing.

Wires from Breaker:

Line black (hot) from J-box.
 Small black to white from top of housing and white from J-box.
 Small red and load to black from top of housing.

HOT:

LOAD:

GROUND:

SELF-ILLUMINATED BREAKER CONDUCTOR:
 (With Resistor - Black)

SELF-ILLUMINATED BREAKER CONDUCTOR:
 (Red)