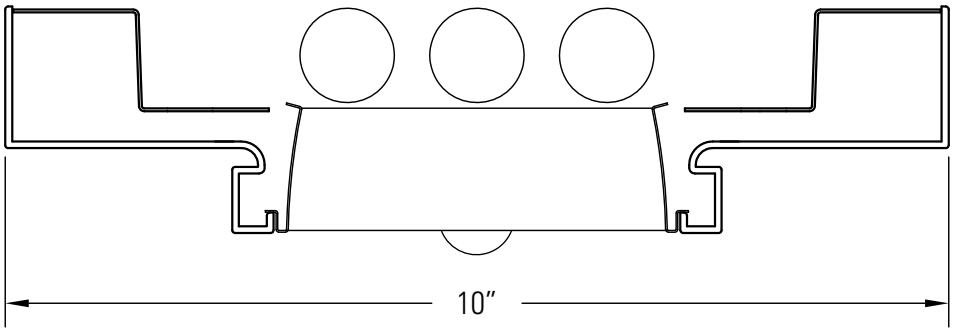
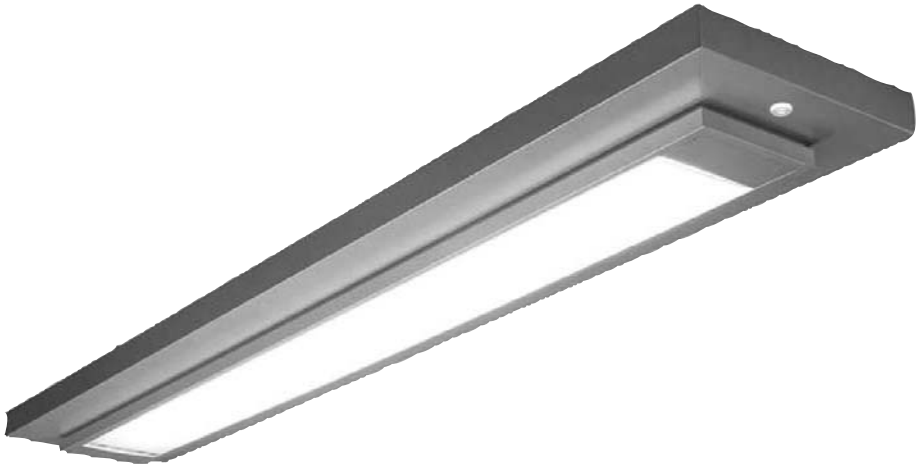
READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE PROCEEDING.
RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at electrical panel before proceeding.

DO NOT INSTALL THIS SYSTEM IN A WET OR DAMP LOCATION.
DO NOT ENERGIZE ANYTHING OTHER THAN THE FIXTURES IN THE SYSTEM.
CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY REINFORCING CEILING TO SUPPORT FIXTURE WEIGHT.

Fixtures in this system have a polarized male and female plugs at each end.
These plugs will snap together simply by pushing fixtures together.





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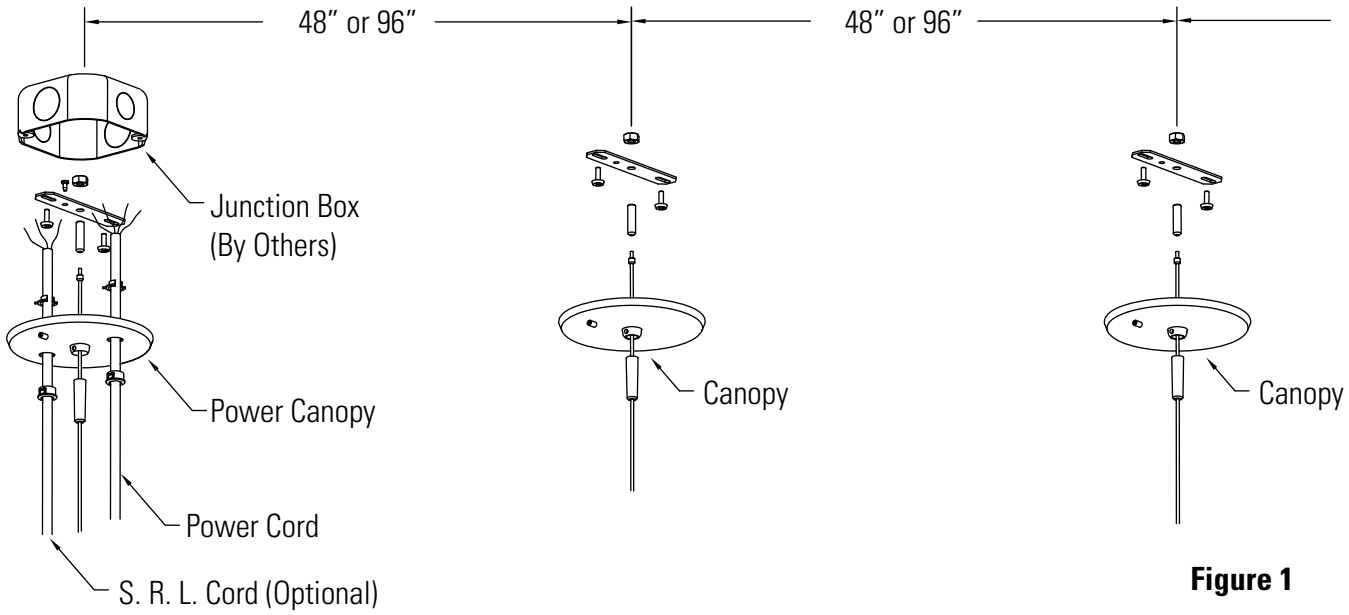

Figure 1

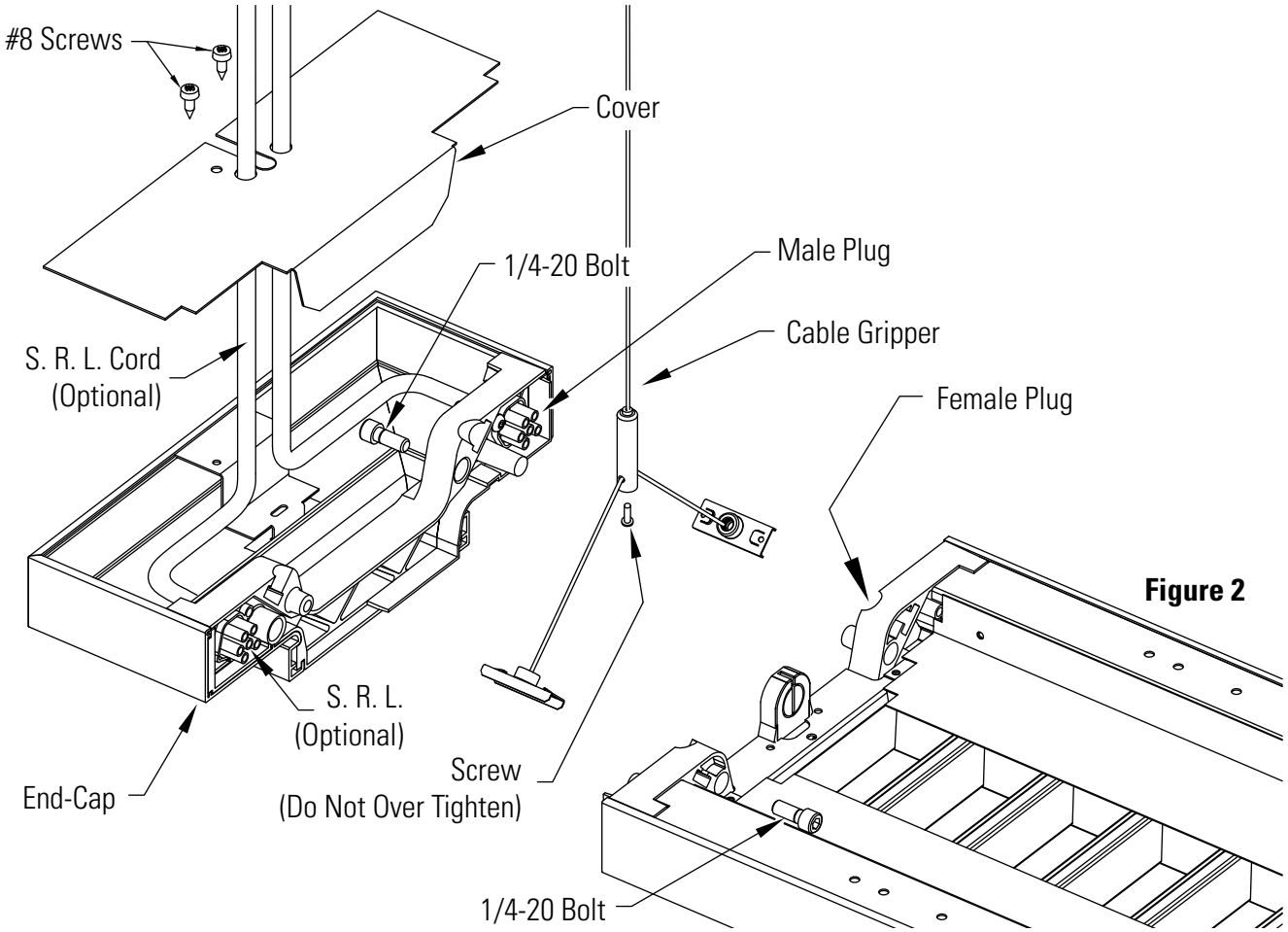

Figure 2

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Step 1. Installing the Suspension Cables

A. Install the power cable suspension assembly to the junction box. (Fig. 1)
B. Make sure to secure the green ground wire from Power Cord to the cross-bar.
C. The first suspension in each row should be from the power feed end, which contains a male power cord and an end cap. (Fig. 1)
D. Install the remaining cable suspension assemblies to the ceiling structure, spaced at 48" or 96" apart as required.

Step 2. Installing the First Fixture

A. Remove the cover from Power End-Cap by removing two no. 8 screws.
B. Orient fixture so female plug in fixture faces the power cord male plug. (Fig. 2)
C. Insert the Hanging Clips from first and second cable suspension assemblies into the fixture. (Fig. 2)
D. Hold the end cap flush with the end of the first fixture. Tighten the 1/4-20 bolt from fixture and 1/4-20 bolt from Power End-Cap. (Fig 2.) Replace cover.
E. Level fixture lengthwise by pressing down on top of cable grippers and pushing or pulling on cables as required, then cut excess cable. If necessary, level fixture widthwise by loosening the small screw at bottom of cable gripper and adjust sideways. Be sure to re-tighten the screw (Do not over tighten).

Step 3. Installing the Remaining Fixtures

A. Orient the next fixture's female plug so it faces the previous fixture's male plug.
B. Insert the Hanging Clips from second and third suspension assemblies into the second fixture.
C. Push fixtures together.
D. Tighten each of the 1/4-20 bolts in both fixtures.
E. Level fixture lengthwise by pressing down on top of cable grippers and pushing or pulling on cables as required, then cut excess cable. If necessary, level fixture widthwise by loosening the small screw at bottom of cable gripper and adjust sideways. Be sure to re-tighten set screw (Do not over tighten).
F. Repeat step 3 as many times as required to complete row.

Step 4. End of Row

A. Remove the top cover from non Power End-Cap by removing two no. 8 screws.
B. Hold the End-Cap flush with the last fixture in row.
C. Tighten the 1/4-20 bolts , replace cover.

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Depending on voltage, lamps and row length , the need for additional Master units may arise.
Every time a new Master unit is required a new power drop must be made.
Since this new Master unit is not located at the beginning of run, a minor modification must be made.

Step 1. Modifying Master Unit

A. Remove reflector to gain access to Line Voltage splice compartment.
B. Remove 1/2" dia k.o. from reflector.
C. Cut the appropriate wires from wire harness and cap wires going to previous fixture. See note below.
D. Tap appropriate wires from power cord into modified fixture's wire harness.
E. Route cord through hole in socket bracket, then through reflector hole and finally through canopy.
F. Make all necessary connections at the ceiling j-box.
G. Continue attaching Slave fixtures until a new Master unit is required.

NOTE: In some instances some of the wires in the fixture are required to remain uncut. (DALI, SHARING DAYLIGHT SENSOR , ETC.) In this case cut plug from secondary power cord and only cut and tap into the hot and neutral wires in the thru-harness.

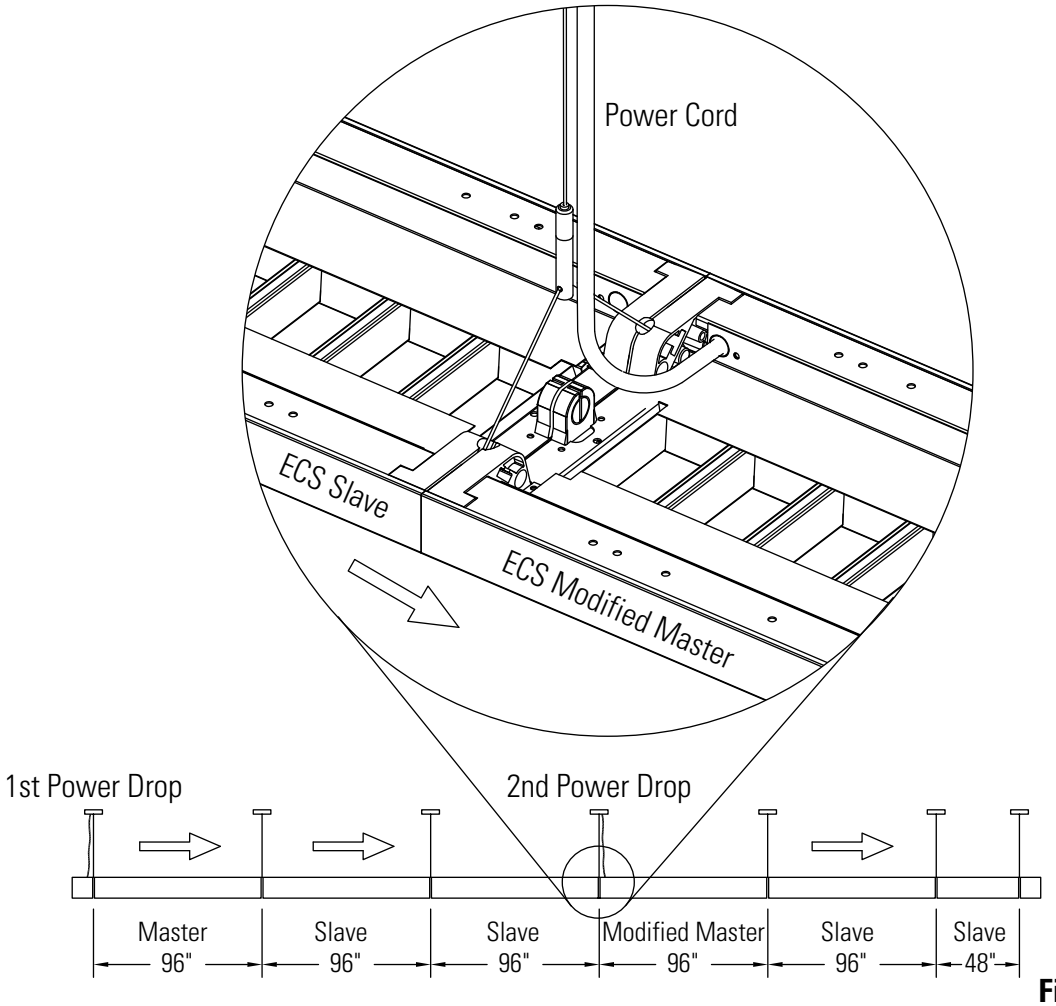

Figure 3

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Energos Control System fixtures may also be control with the ECS400T node switch or ECS100L power pack.

Installing the ECS400T

Connect the low voltage wires coming from S.R.L. cords as follows. (Fig. 4)
WHITE from low voltage wires to RELAY COMMON in ECS400T.
BLACK from low voltage wires to COMMON in ECS400T.
RED from low voltage wires to +24V in ECS400T.
Wire a jumper in ECS400T between +24V and N.O.

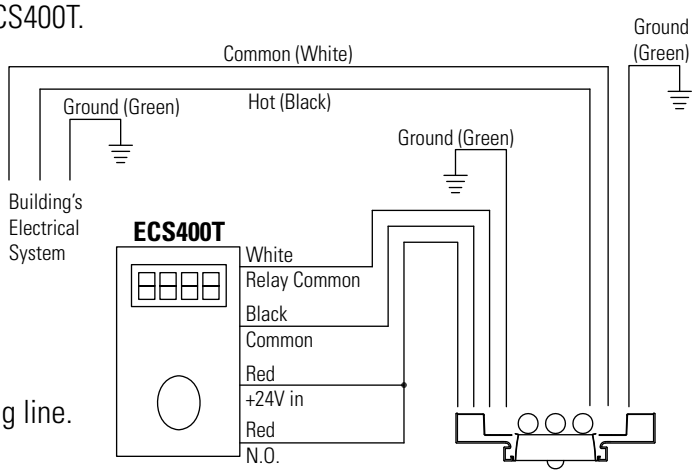

Figure 4

Installing the ECS100L

The ECS100L may be installed in the wall or above ceiling line.
(NOTE: ONLY SLAVE FIXTURES ARE REQUIRED)

---------- LOW VOLTAGE ----------

Connect the low voltage wires coming from S.R.L. cords as follows. (Fig. 5)
WHITE from low voltage wires to OCC SNS in ECS100L.
BLACK from low voltage wires to COMMON in ECS100L.
RED from low voltage wires to +24V in ECS100L.

---------- LINE VOLTAGE ----------

WHITE from ECS100L to NEUTRAL from building's electrical system - and COMMON from ECS POWER CORD.
BLACK from ECS100L to POWER from building's electrical system.
GREEN from ECS100L to GROUND from building's electrical system.
RED from ECS100L to POWER from building's electrical system.
RED from ECS100L to HOT from ECS POWER CORD.

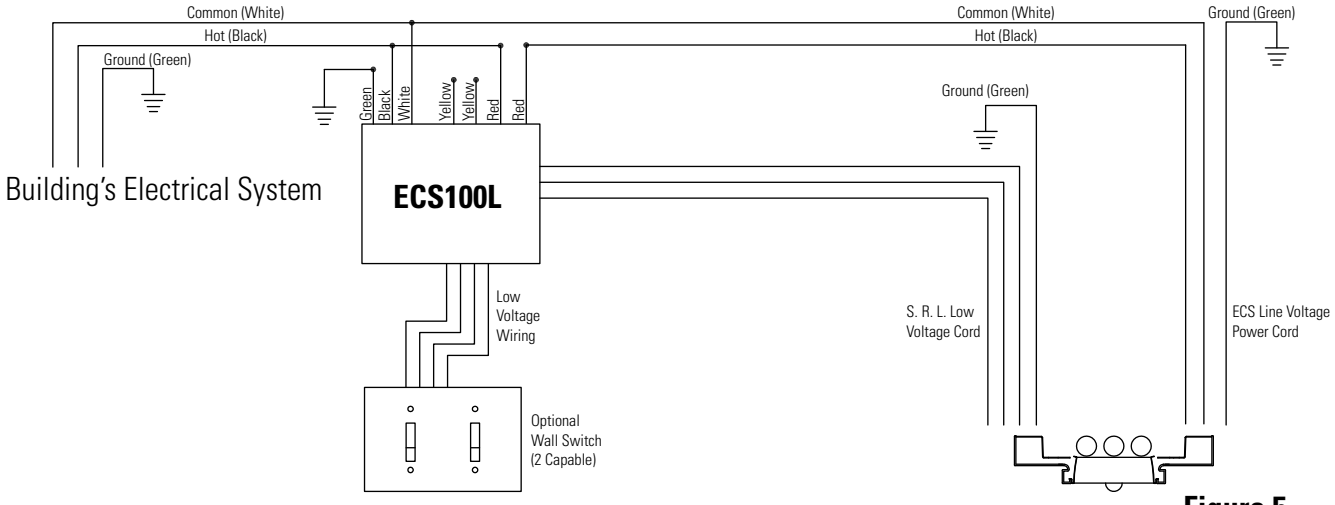

Figure 5

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