



EDL-NC
PROFESSIONAL LED
RECESSED LIGHTING SYSTEM



IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, EXPOSURE TO EXCESSIVE UV RADIATION, OR INJURY TO PERSONS

GENERAL

1. To insure the success of the fixture installation, the following instructions and diagram(s) should be read and understood. All electrical connections must be made in accordance with the National Electric Code and local codes and ordinances.

ONLY A QUALIFIED LICENSED ELECTRICIAN SHOULD INSTALL THIS FIXTURE

2. **Eco-Downlight** recessed housings are UL listed for damp locations and suitable for installation with properly installed insulation. The housings are equipped with a thermal cutoff to insure safe and reliable operation.
3. **DO NOT** use any other LED light engine other than the **TROYCSL-EDL-WW-2**
4. Bypassing the thermal cutoff or other modifications to this fixture will violate the National Electric Code, UL regulations and void warranty
5. Insulation **MUST NOT** be placed in direct contact with ANY part of the fixture. A MINIMUM OF 3" OF SPACING MUST BE MAINTAINED AND NO INSULATION MAY BE INSTALLED ABOVE THE HOUSING
6. ELV dimmer compatible, **Lutron maestro ELV dimmer not compatible**
SAVE THESE INSTRUCTIONS!

INSTALLATION PREPARATION:

1. **TURN OFF THE ENTIRE ELECTRICAL CIRCUIT TO WHICH THE LIGHTING FIXTURE IS TO BE ATTACHED.**

Move the circuit breaker to the "OFF" position or completely remove the fuse controlling the circuit.

2. Mark the location of all fixture openings in the layout. The fixture housing may be rotated to any position to allow for the correct placement of the fixtures in most situations. If structural or mechanical elements interfere with the correct placement of the fixture it should be brought to the attention of a general contractor. **Changing the location of the fixtures may adversely affect the final room illumination or lighting effect and cause costly rework**

NOTE: A 3-3/4" HOLE SAW IS RECOMMENDED FOR MAKING A CLEAN AND ACCURATE HOLE IN THE CEILING

FIXTURE HOUSING INSTALLATION

1. Remove the remodel housing from the plaster frame
2. Securely mount the plaster frame to the building structure so that the bottom of the housing are even with the bottom surface of the joists or other supporting structures.
3. Pull conduit through plaster frame housing hole then dry wall
4. Make all connections in accordance with NEC and local codes
5. Fasten ground wire to the green wire in the fixtures splice box using a UL approved wire nut. **NEVER FASTEN THE GROUND WIRE TO THE BLACK OR "HOT" WIRE!**
6. Fasten the white fixture lead to the white wire in the splice box. Fasten the wires together with an UL approved wire nut. Starting 1" below the wire nut, tightly wrap the connection with electrical tape so that the tape seals the end of the wire nut. **MAKE SURE THAT THERE IS NO EXPOSED WIRE OR STRANDS THAT COULD CAUSE A DANGEROUS SHORT CIRCUIT.**
7. Connect the black fixture lead to the black wire in the splice box. Fasten the joined wires as in step 4.
8. Install the housing into the plaster frame using the three black spring clips (**FIG 1**)

FIXTURE INSPECTION OR REPAIR No ceiling access required!

1. Depress top of mounting clips and remove one at a time (**FIG 2**)
2. Pull fixture down and out from the plaster frame
3. Perform maintenance or inspection (**FIG 3**)
4. Push fixture housing back into plaster frame and reinstall the mounting clips.

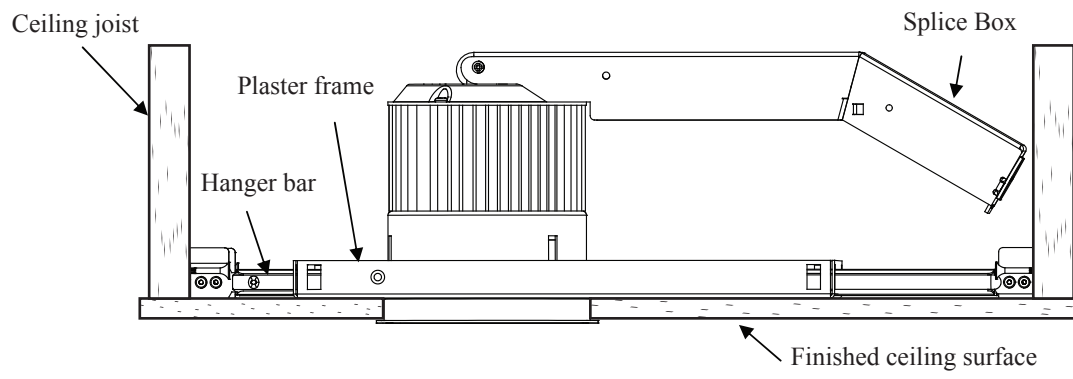


FIG 1.

