



EDLM-NCADJ
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** housings are UL listed for damp locations.
3. **DO NOT** use any other LED light engine other than the **LED-1084-xx**, (xx= color temperature)
4. Insulation **MAY NOT** be placed in direct contact with ANY part of the fixture.
5. Dimmable with INC/ELV dimmers at **120Volts only**. 0-10V if applicable

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 fixtures in the layout. The hanger bars may be used on either sides of the housing 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 2-3/8” HOLE SAW IS RECOMMENDED FOR MAKING A CLEAN AND ACCURATE HOLE IN THE CEILING

FIXTURE HOUSING INSTALLATION

1. Securely mount the fixture housings to the building structure so that the bottom of the housing is even with the bottom surface of the joists or other supporting structures. **(FIG 1)**
2. Make all connections in accordance with NEC and local codes
3. Fasten ground wire to the green wire in the fixtures splice box using a UL approved wire nut. **NEVER FASTERN THE GROUND WIRE TO THE BLACK OR “HOT” WIRE!**
4. 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.**
5. Connect the black fixture lead to the black wire in the splice box. Fasten the joined wires as in step 4.

FIXTURE INSPECTION OR REPAIR

1. The junction box cover cannot be viewed unless the ceiling is accessible.
2. The driver cover can be removed by pulling it out of the driver bracket, when the driver is pulled out of the housing you will find 2 quick connects. Pull these apart to unwire the driver from the housing **(Fig. 2) (Fig. 3)**
3. The LED board is held in by 3 screws and a red strain relief bracket. Remove the 3 screws and strain relief bracket and pull engine from fixture. There will be a quick connect to the driver, pull apart to unwire the engine from the housing. **(Fig.4)**

Fig. 1

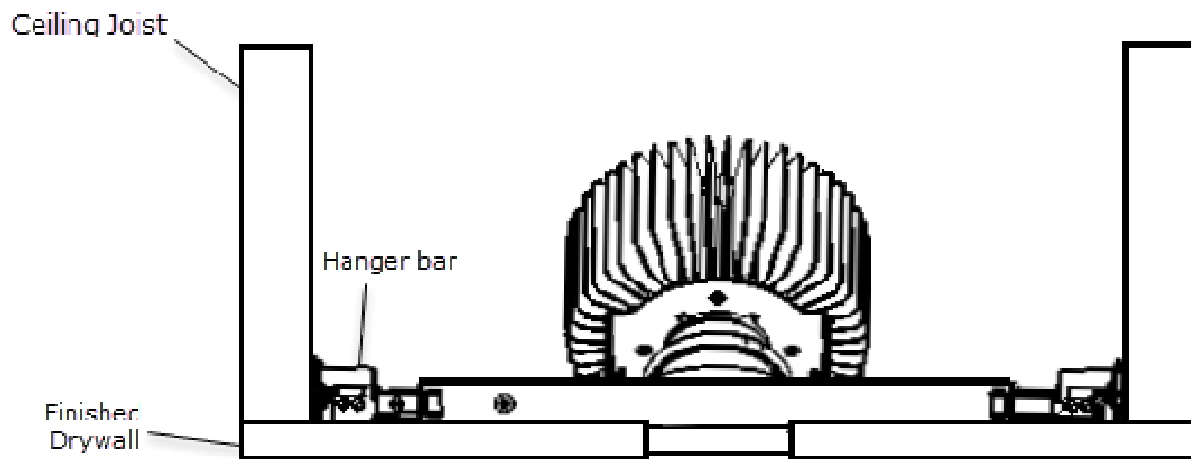


FIG. 2

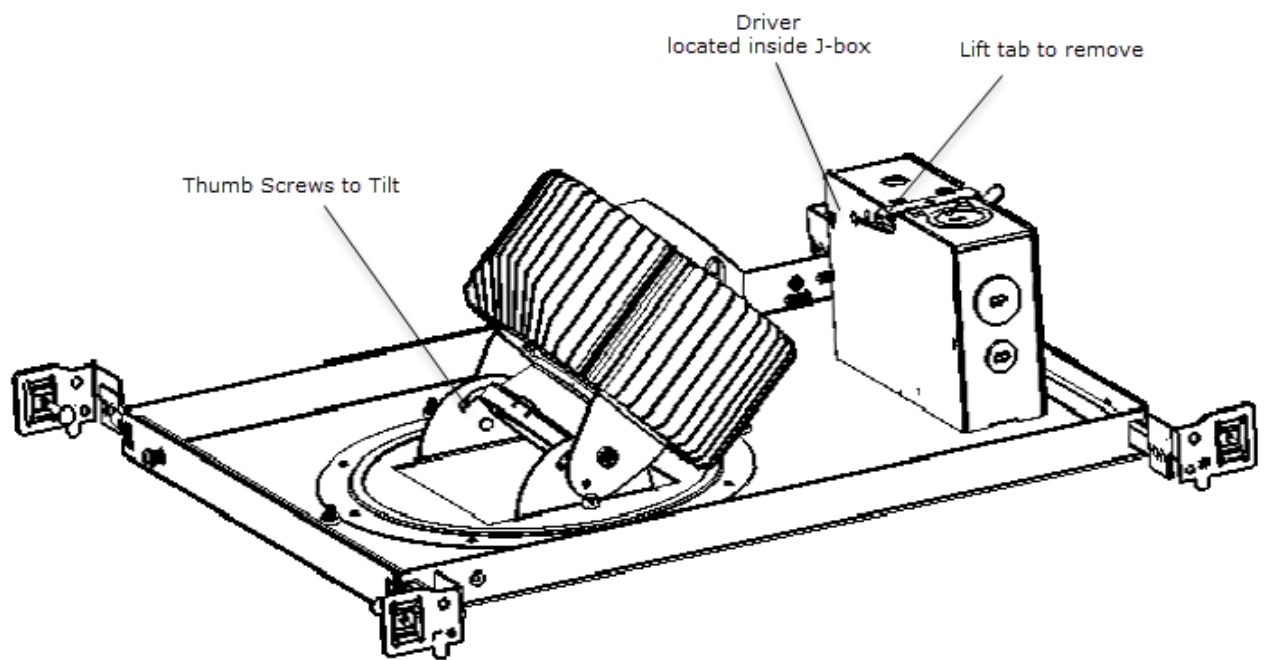


Fig. 3

