



EDL-SIC-XX-4
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 IC** housings are UL listed for damp locations and suitable for installation with properly installed insulation.
3. **DO NOT** use any other LED light engine other than the **LED-1024-XX**
4. Insulation **may** be placed in direct contact with ANY part of the fixture.
5. Triac, ELV and 0-10v dimmer compatible (optional)

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 3-7/8” 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 lip of the housing is even with the bottom surface of the joists or other supporting structures. **(FIG 1)**
2. Remove jbox cover and make all connections in accordance with NEC and local codes **(FIG 2)**
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.
6. If using a 0-10v dimming system connect grey and purple wires accordingly, **IF NOT** using a 0-10v dimming system leave the grey and purple wires capped
7. Choose the appropriate optic snap it into the optic holder and twist lock it into the LED holder **(FIG 3)**

FIXTURE INSPECTION OR REPAIR

1. Loosen the three (3) screws holding the light engine into the housing, twist the light engine clockwise to release from housing **(FIG 4)**
2. Remove the internal jbox cover by removing the thumbscrew **(FIG 5)**
3. The driver and LED can be serviced outside of the housing at ground level
4. All covers must be properly reinstalled before operation

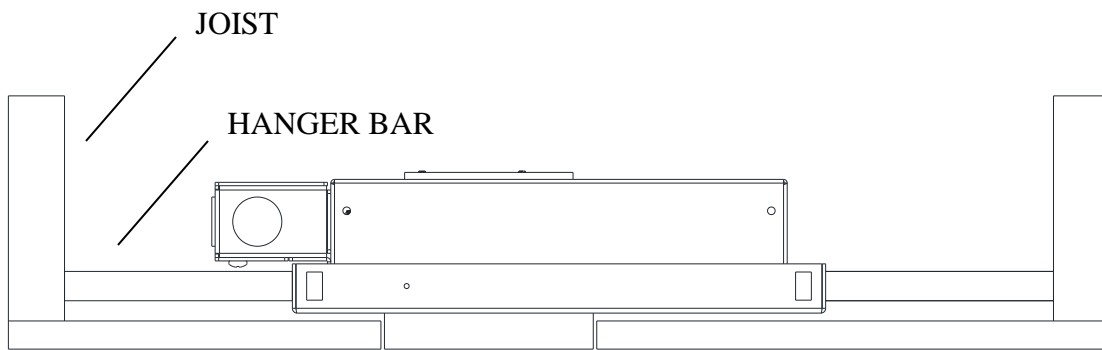


FIG 1

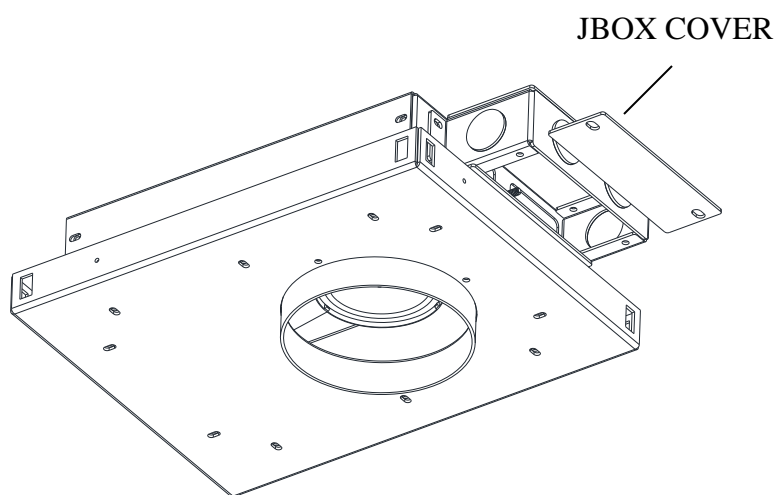


FIG 2

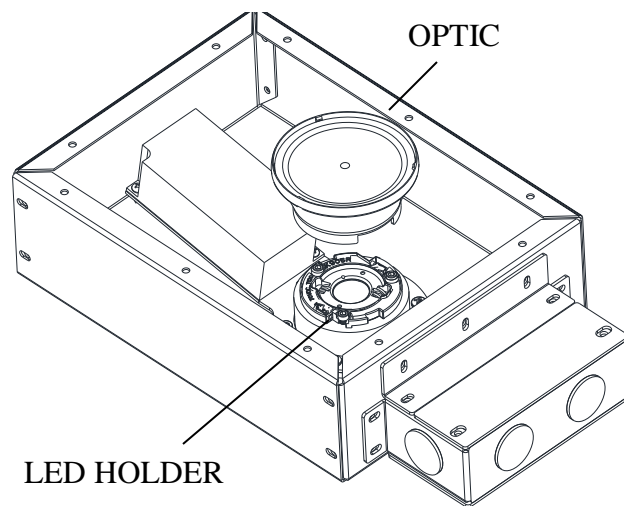


FIG 3

