



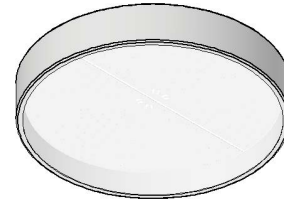
### Important Safeguards

When using electrical equipment, basic safety precautions should always be followed including the following:

#### Read and follow all safety instructions

1. **Danger** – Risk of shock - Disconnect power before installation
2. **Product must be installed in accordance with CEC or your local electrical code.** If you are not familiar with these codes and requirements, consult a qualified electrician.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE



#### Notes:

- Available luminaire widths are 18", and 24".

### To Install:

#### BLC Parts:

Figure 1:

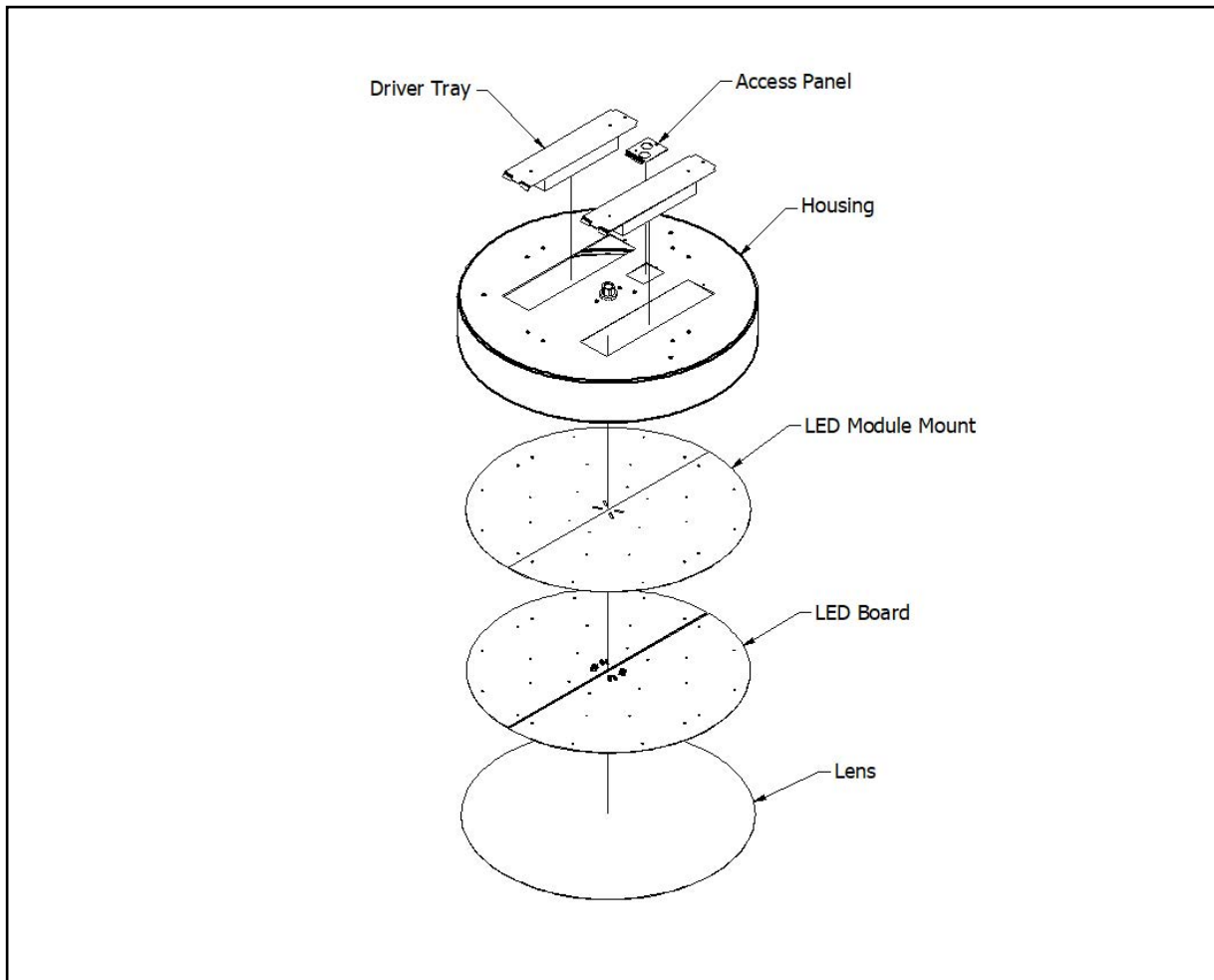
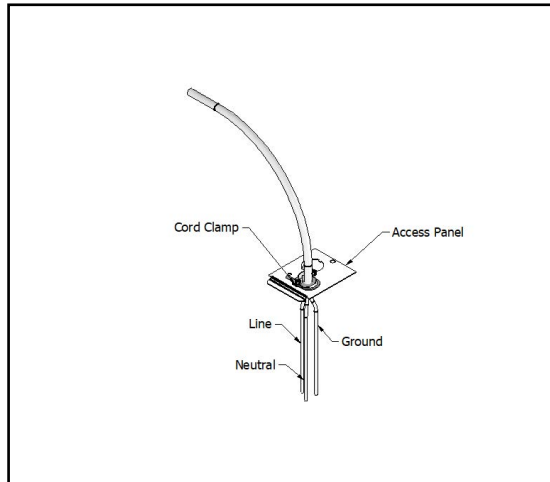


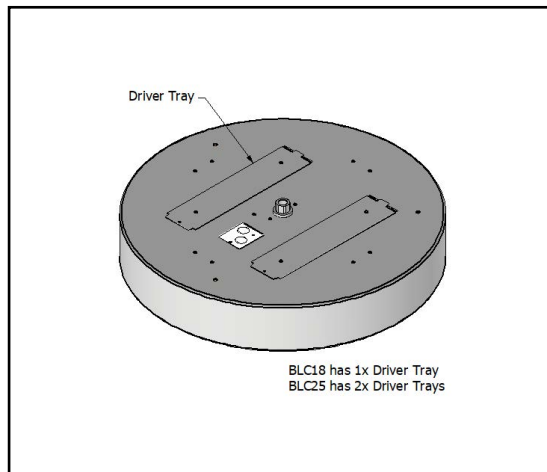
Figure 2.



## INSTALLATION INSTRUCTIONS:

1. Turn off the main power supply. Carefully remove the fixture from the box.
2. If necessary, open the access panel part shown in Figure 1 with a Robertson screwdriver for power supply wiring. Keep the screw in a safe place; it will be required later. Alternatively, remove one knockout from access panel part for wiring. To remove a knockout simply push it into the fixture. Figure 2.
3. If required, remove appropriate knockout(s) for any additional power supply options.
4. Locate the disconnect inside the fixture through the opening. Carefully remove the half with no wires attached. Wiring can also be accessed by removing driver trays. Figure 3.
5. Attach the main luminaire body to the ceiling using one of the mounting options below.
6. Prepare the supply wires.

Figure 3.



- A. Wiring must comply with all applicable electrical codes.
- B. Strip wires to appropriate lengths (Recommended:

11-13mm jackets). The intended wire size for the connections is following:

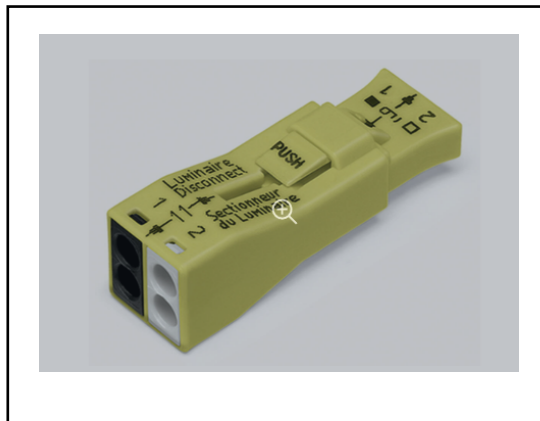
- 2xAWG 18-12 Solid wire per port
- 2xAWG 16-12<19 Stranded wire per port.

- C. Grip Line or Black power supply wire firmly and push the wire into the port marked with letter "1" or black circle on the connector as shown in Figure 4.
- D. Grip Neutral or White power supply wire firmly and push the wire into the port marked with letter "2" or white circle on the connector as shown in Figure 4.
- E. Connect green supply wire with green lead of the luminaire.
- F. If the luminaire comes equipped with dimming options. Wire accordingly:

- Grip the positive or violet supply wire and connect with the violet dimming positive lead of the luminaire.
- Grip the negative or pink supply wire and connect with the pink dimming negative lead of the luminaire.

7. Neatly tuck in all the excess wire through the hole in access panel into the main channel housing. Reattach the access panel if it was removed in Step 2.

Figure 4.



## Electrical Connections

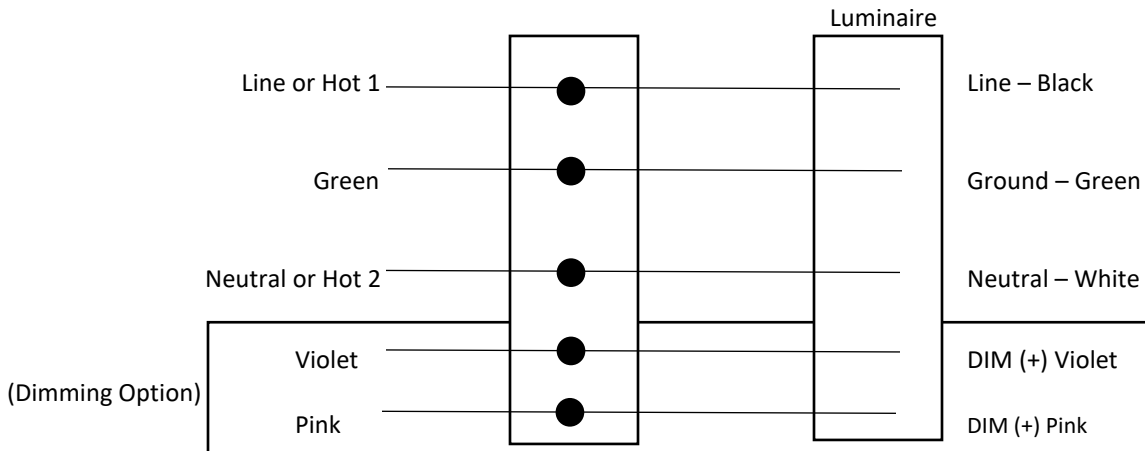
Make the following Electrical Connections:

**For 120 -277V Applications** make the following Electrical Connections:

- a. Connect the black luminaire lead to the line supply lead
- b. Connect the white luminaire lead to the neutral supply lead
- c. Connect the green or green and yellow ground lead to the supply ground lead

Dimming Option:

- a. Connect the violet dimming positive lead to the supply dimming positive lead
- b. Connect the pink dimming negative lead to the supply dimming negative lead



**For 16/4** both circuits must be connected to the same branch circuit, i.e. turning off the branch circuit protection will turn off both circuits of the luminaire.

## Electrical Disconnect Instructions

The above electrical connections for the line 1 and neutral are made using the electrical disconnect that is connected to the LED driver. The connections are made as follows below, note that the disconnect is color coded for circuit wiring.

- a. Black to Live
- b. White to Neutral

The intended wire sizes are as follows, with an 11-13 mm jacking length.

- a. 2 x AWG 18-12 **solid wire** per pole
- b. 2 x AWG 16-12  $\leq$ 19 **stranded wire** per pole

If a wire is connected incorrectly the only way to remove the wire is by twisting the electrical disconnect and pulling firmly on the incorrect wire.

Pendant Mount Options:

Figure 5.

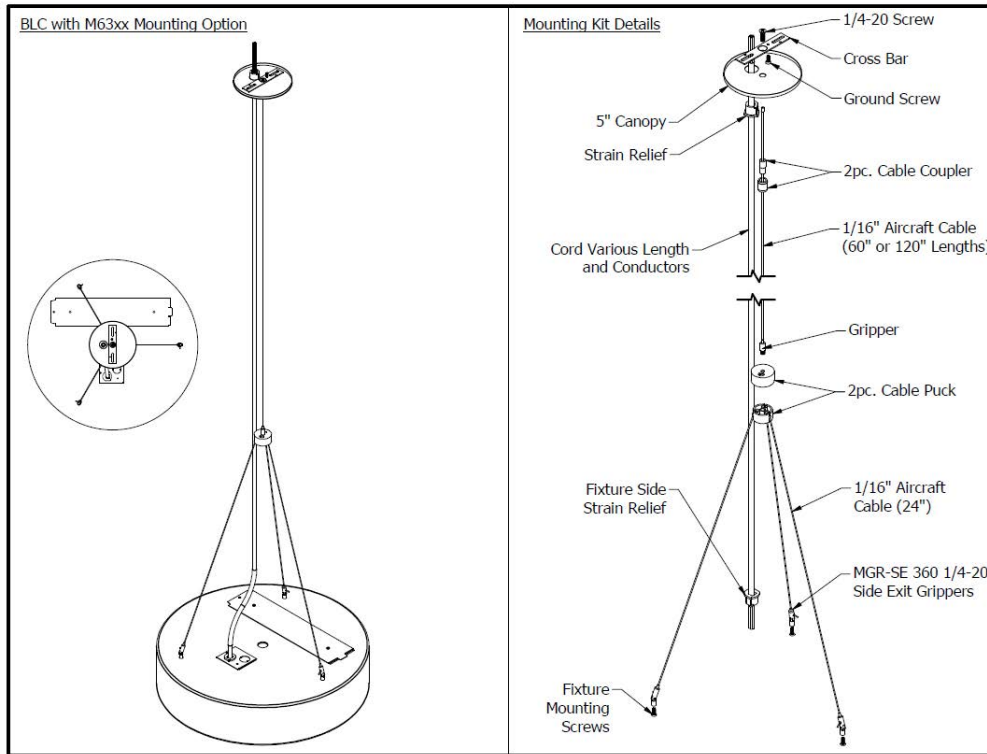


Figure 6.

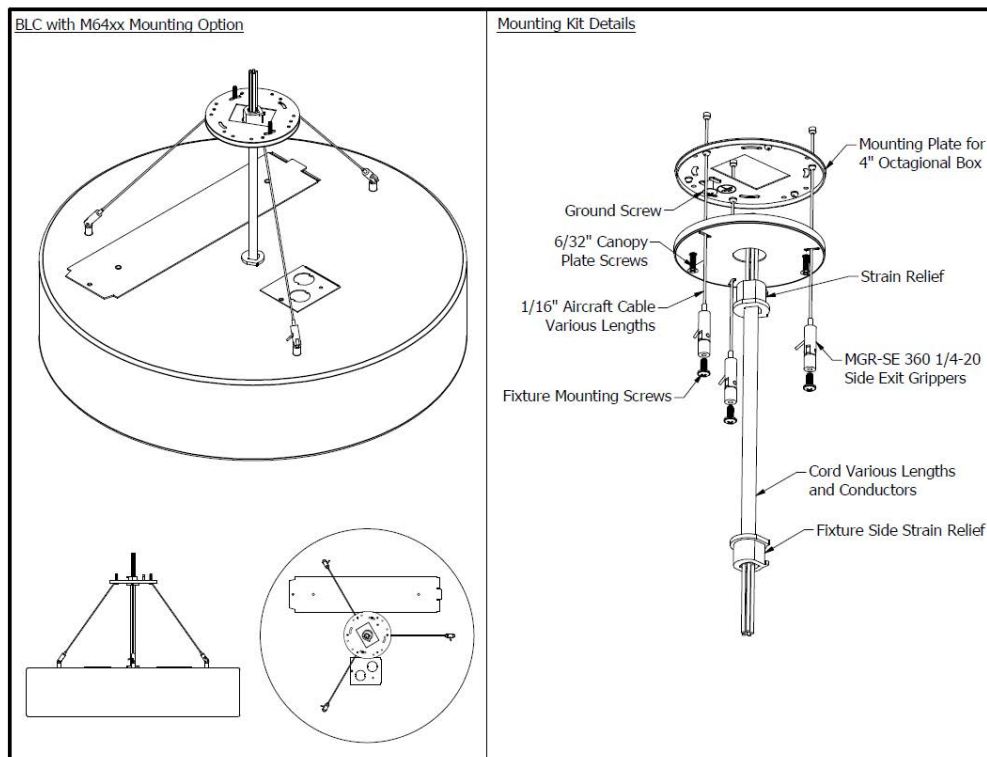
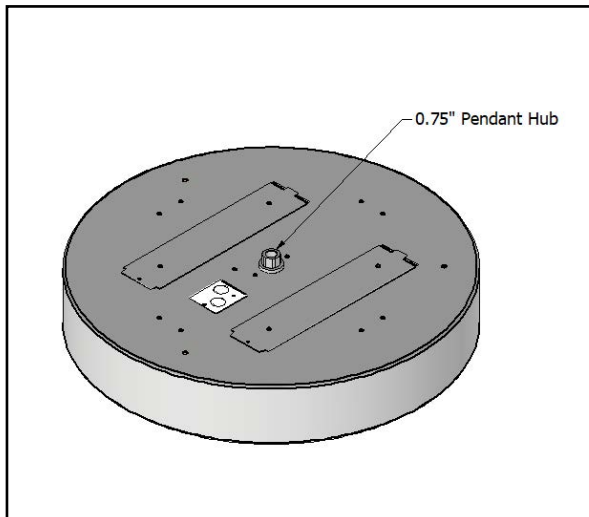


Figure 7



**Step 1:**

Attach the  $\frac{3}{4}$ " pendant mount assembly (**See Figure 7**) to the  $\frac{3}{4}$ " threaded pendant rod.

**Note:** The pendant mount rod and the junction box cover are not supplied by BJ Take. We recommend using the Hubbell 894KH for the junction box cover.

**Step 2:**

Make electrical connection with cable coming down from pendant mount rod. Ensure cable is slightly longer the pendant mount rod to prevent cable strain once the light fixture is attached to the pendant mount assembly.

**Note:** For wiring instructions please see Electrical Connections on page 2.