

**Items:**

F-LHB90W/50K/F-96	F-LHB90W/40K/F-96
F-LHB110W/50K/F-96	F-LHB110W/40K/F-96
F-LHB165W/50K/F-96	F-LHB165W/40K/F-96
F-LHB220W/50K/F-96	F-LHB220W/40K/F-96
F-LHB300W/50K/F-96	F-LHB300W/40K/F-96



## LED LINEAR HIGH BAY FIXTURE INSTALLATION INSTRUCTIONS

**Cautions**

1. To avoid possibility of electrical shock or fire, the installer must have professional electrical knowledge.
2. When installing, wear gloves to avoid injury before installation.
3. Turn off power before installing fixture(s).
4. Proper grounding is required to ensure safety.

**Attention:**

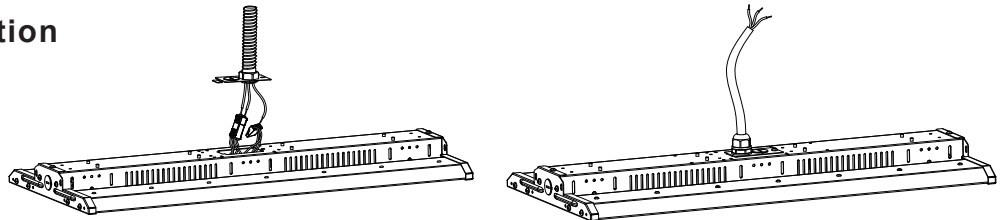
1. Please check if there is any damage during shipping.  
If there is visible damage, please contact Topaz Lighting.
2. Read the installation instructions carefully to verify all accessories are included.

**Wiring Diagram & Instruction:**

1. Dimming functions are available in this high bay light.
2. Use a 1-10VDC dimmer.

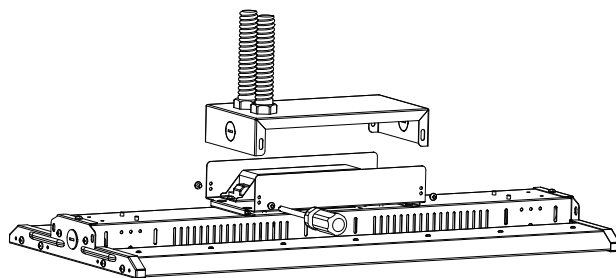
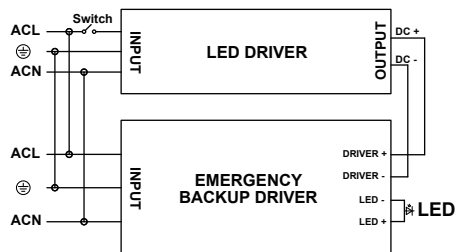
**Wiring Instruction**

L: Black  
N: White  
⊕: Green/Yellow  
+DIM: Purple  
- DIM: Grey

**Emergency Backup Driver Wiring**

Step 1. Open junction box with screw driver

Step 2. Connect the input wires on each backup driver and fixture driver via suitable knock out, then complete wiring in the junction box.

**Wiring Instruction**

\*The product cannot be connected to a dimming device when it's equipped with Motion Sensor.

Installation Options: Chain/Cable or Pendant Mount.

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## LED LINEAR HIGH BAY FIXTURE INSTALLATION INSTRUCTIONS

### A. Hanging Installation: (Chain/Cable)

Step 1. Connect the included chain to fixture (Figure 1).

Step 2. Place the chain on the rail, and adjust the chain length as needed (Figure 1).

Step 3. Choose suitable wiring knockout and wire fixture according to local standards and codes.

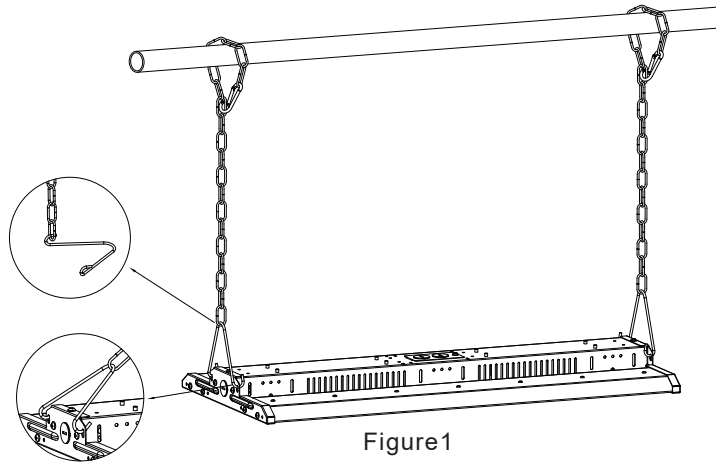


Figure 1

### B. Pendant Installation: (Backup driver cannot be used for this installation)

Step 1. Mount the accessory bracket (Part # F-LHB/PNDNTMNT-96 or F-LHB/300PNDNTMNT-96) to a 3/4" NPT conduit (Figure 2).

Step 2. Attach bracket to fixture (Figure 3).

Step 3. Wire fixture according to local standards and codes.

Step 4. Attach bracket sides to complete the installation (Figure 4).

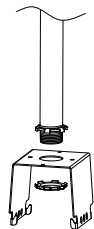


Figure 2

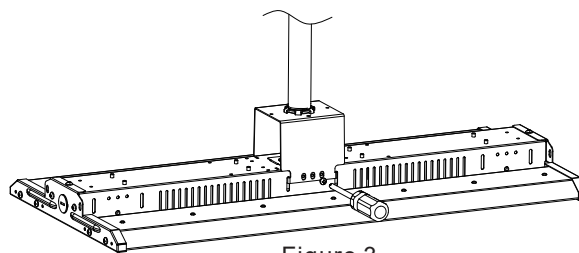


Figure 3

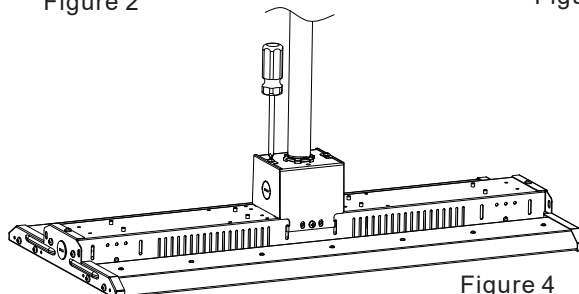


Figure 4

**Items:**

F-LHB90W/50K/F-96      F-LHB90W/40K/F-96  
 F-LHB110W/50K/F-96    F-LHB110W/40K/F-96  
 F-LHB165W/50K/F-96    F-LHB165W/40K/F-96  
 F-LHB220W/50K/F-96    F-LHB220W/40K/F-96  
 F-LHB300W/50K/F-96    F-LHB300W/40K/F-96

## LED LINEAR HIGH BAY FIXTURE INSTALLATION INSTRUCTIONS

**Extra Accessory Option Installation:**

**1: Wire Guard** (Part Numbers: F-LHB90-165/GUARD-96, F-LHB220W/GUARD-96, F-LHB300W/GUARD-96)

**2: Motion Sensor** (Part Number: WD-OS)

**3: Emergency Backup Driver** (Part Number: F-LHB20W/EM-96)

**1.Wire Guard:**

Step 1. Attach wire guard on the fixture with supplied screws (Figure 5)

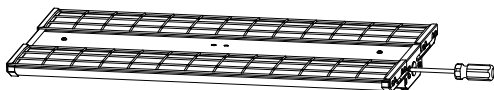


Figure 5

**2. Motion Sensor:**

Step 1. Remove top cover (Figure 6)

Step 2. Remove side knockout, and install the sensor (Figure 7)

Step 3. Wire motion sensor according to wiring instructions (Figure 8).

Step 3. Reinstall top cover with screws removed from step 1 (Figure 9).

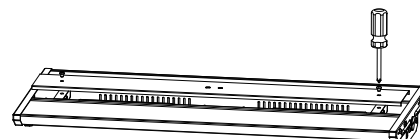


Figure 6

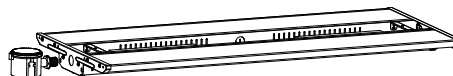


Figure 7

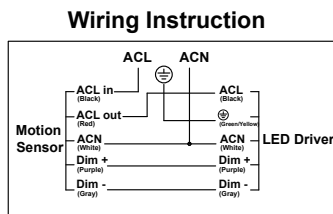


Figure 8



Figure 9

**3. Emergency Backup Driver: (Cannot be used with 300W fixture)**

Step 1. Remove knockout hole on the back of the fixture, and pull input wires through knockout (Figure. 10).

Step 2. Open top cover of the fixture, and remove the two knockout holes (Figure. 11)

Step 3. Open the cover of the backup driver box, and install the backup driver on the back of fixture (Figure 12).

Step 4. Connect the wires according to the marking instructions on the wire. Mount the buttons and indicators of backup driver on front cover of fixture (Figure 13), then replace cover on fixture.

Step 5. After mounting the fixture, wire according to local standards and codes.

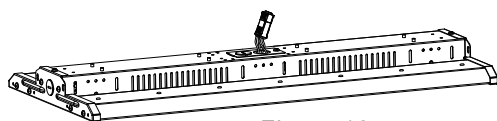


Figure 10

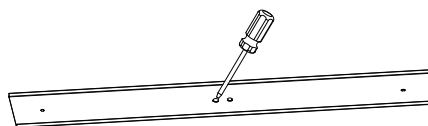


Figure 11

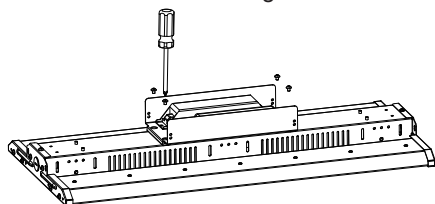


Figure 12

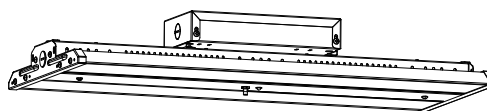


Figure 13