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

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LED LINEAR HIGH BAY FIXTURE
INSTALLATION INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS!

WARNING

- **Make all electrical and ground connections in accordance with local codes or the National Electrical Code. If you are not familiar with these codes and requirements, consult a qualified electrician. This Professional should be familiar with the construction and operation of this product and hazards involved. Failure to do so may result in serious personal injury.**
- **To reduce the risk of fire, electric shock, personal injury, or property damage, please read and follow all safety instructions. If you do not understand these instructions or if any additional information is required, contact your local Topaz representative. Retain these instructions for maintenance reference.**
- **Do not exceed the allowed supply voltage marked on the luminaire label information.**
- **Disconnect power at the circuit breaker panel before any installation.**

CAUTION

- **Do not expose wire to any sharp objects such as sheet metal to prevent wiring damage or abrasion.**
- **While the light is on, please avoid direct eye exposure.**
- **Combustible material should be kept away from fixture/LENS.**
- **Do not make or alter any open holes in any enclosure or any electrical component during installation.**
- **TO AVOID RISK OF BURN, BE SURE FIXTURE TEMPERATURE IS COOL ENOUGH TO TOUCH BEFORE HANDLING.**
- **Do not use when the enclosure is damaged or broken in any way.**
- **Do not alter, relocate or remove wiring, lamp holder power supply or any other electrical component.**
- **Pursuant to NEC 410.69, "*Effective January 1, 2022, where control conductors are spliced, terminated, or connected in the same luminaire or enclosure as the branch-circuit conductors, the field-connected control conductor shall not be of a color reserved for the grounded branch circuit conductor or the equipment grounding conductor.*" And NEC 200.6(A)(2), "*An insulated grounded conductor of 6 AWG or smaller shall be identified by one of the following means: (2) The insulated conductor shall have a continuous gray outer finish.*" For this reason, Topaz® will be transitioning from using Purple and Gray dimming wires, to Purple and Pink dimming wires.**

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

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LED LINEAR HIGH BAY FIXTURE
INSTALLATION INSTRUCTIONS

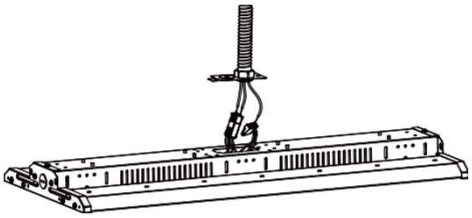
Wiring Instructions

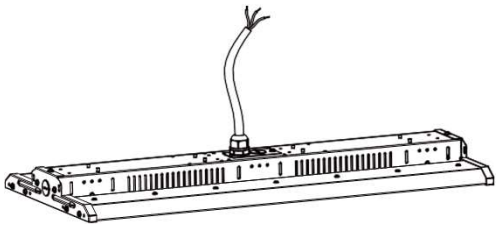
Step 1. Unscrew driver cover and remove knockouts to wire power supply.

Step 2. Using the open knockout bring in the supply line. Using wire nuts, attach the ground wire to the ground supply wire, the black (line) wire to the black supply wire, and the white (neutral) wire to the white supple wire.

Step 3. If using a dimmer, connect the purple(Dim+) and pink(Dim-) dimming leads to the 0-10V dimmer.

Step 4. Reattach the driver cover making sure not to pinch any wires.



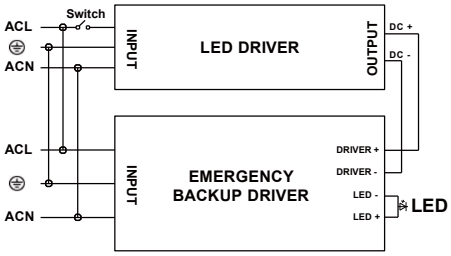


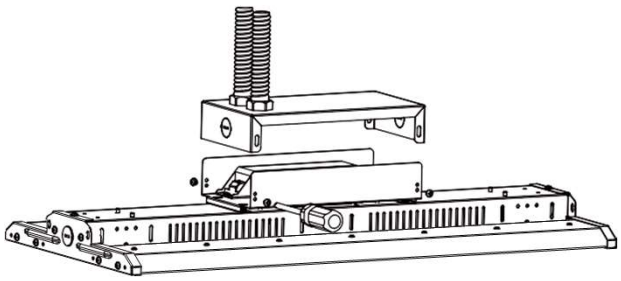
Emergency Backup Driver Wiring

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 Diagram





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

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LED LINEAR HIGH BAY FIXTURE
INSTALLATION INSTRUCTIONS

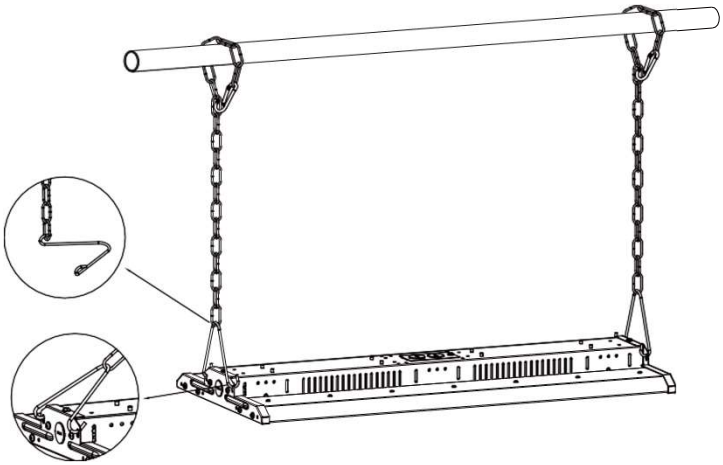
Mounting Instructions

A. Hanging Mount Installation: (Chain/Cable)

Step 1. Connect the inluded 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 knockout and wire fixture according to local standards and codes.



B. Pendant Mount Installation: (Emergency 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

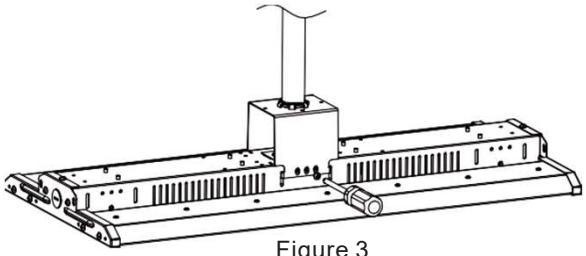


Figure 3

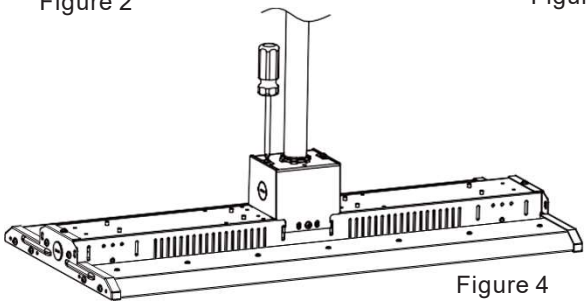


Figure 4

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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

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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:
Step1. Attach wire guard on the fixture with supplied screws (Figure 5)

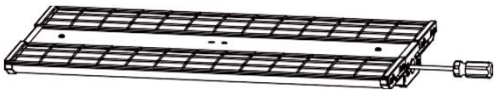

Figure 5

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).

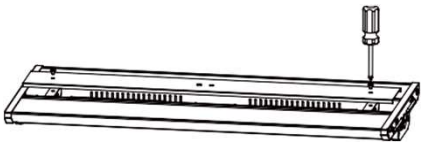

Figure 6

Wiring Instruction

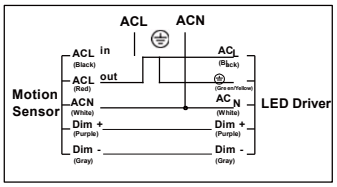

Figure 8

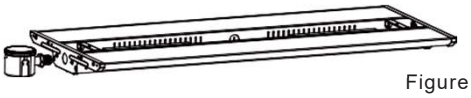

Figure 7

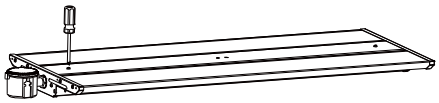

Figure 9

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.

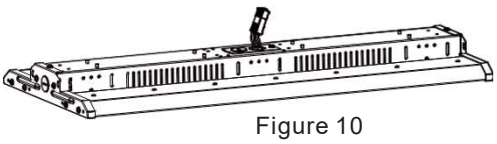

Figure 10

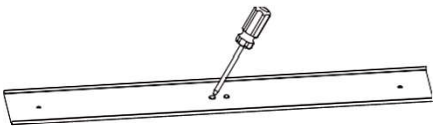

Figure 11

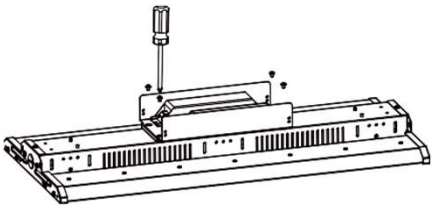

Figure 12

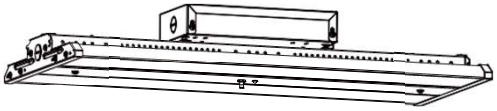

Figure 13

***NOTE: THESE INSTRUCTIONS DO NOT ADDRESS ALL PERMUTATIONS THAT MAY EXIST IN INSTALLATION, MAINTENANCE, AND OPERATING ENVIRONMENT.**

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