



## IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- Do not mount near gas or electrical heaters.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.

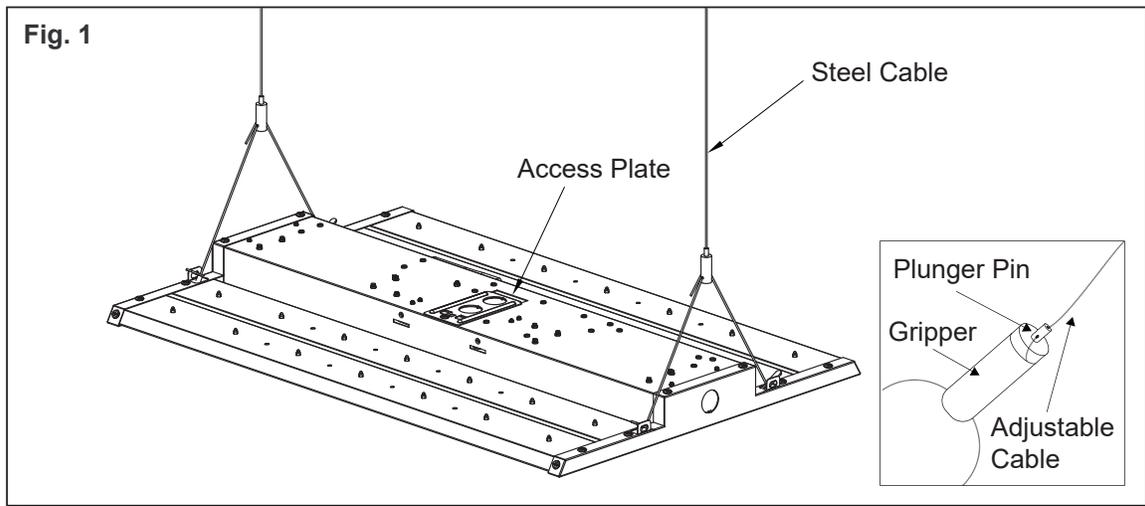
## SAVE THESE INSTRUCTIONS!

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### Installation

#### Cable Mount

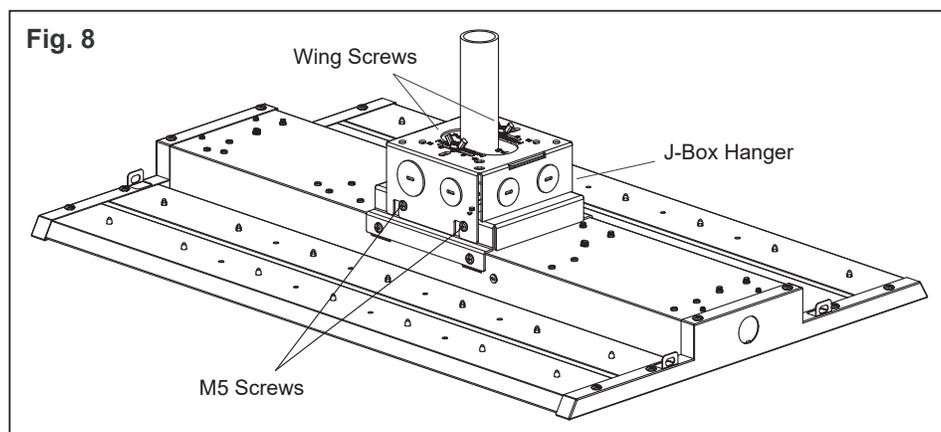
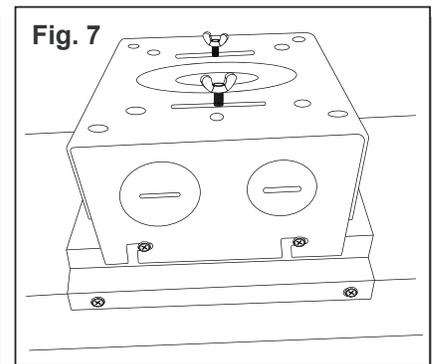
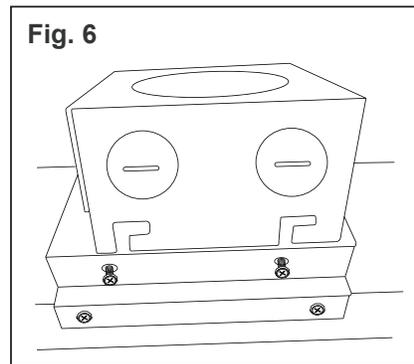
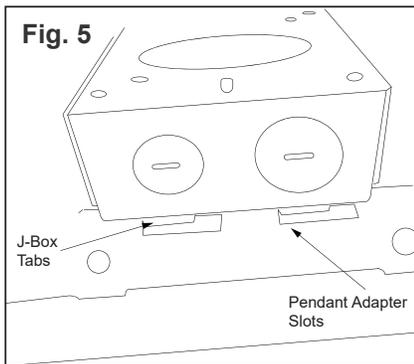
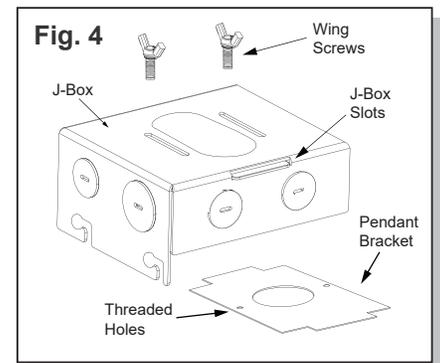
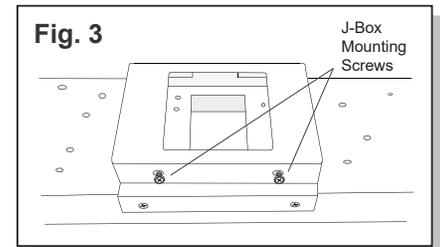
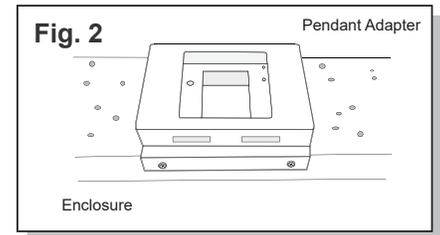
1. Attach steel cables (provided) to the slotted tabs on each end of the fixture, as shown. Hang from the ceiling with appropriate hardware supplied by others. (Fig. 1)
2. Remove the access plate by loosening the screw and sliding out.
3. Secure the access plate to flexible conduit.
3. Make electrical connections; see **Electrical Connections** section.
4. Replace the access plate on the fixture and fasten the screw.
5. Adjust the height of the fixture using the cable adjusters by depressing the plunger pin and adjusting the cable length. Be sure that the fixture is level with the ground.



### Installation, Continued

#### Pendant Mount

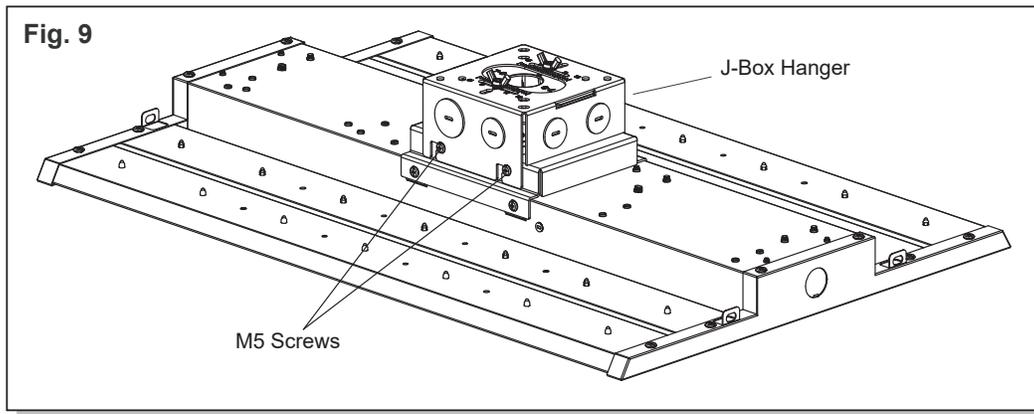
1. Remove the access plate by loosening the screw and discard. (Fig. 1)
2. Pass fixture wiring through the pendant adapter.
3. Snap the pendant adapter onto the enclosure by engaging the four pendant adapter tabs into the four slots on the sides of the enclosure. (Fig. 2)
4. Secure the pendant adapter to the enclosure with the (4) screws provided. Secure using thread locking liquid.
5. Partially thread two J-box mounting screws into the pendant adapter. (Fig. 3)
6. Insert the pendant bracket into the J-box, engaging the tabs into the J-box slots and securing with (2) wing screws. (Fig. 4)
7. Secure the J-box to the conduit through the hole in the pendant bracket.
8. Hook the tabs of the J-box into the two slots in the pendant adapter. (Fig. 5)
9. Make electrical connections; see **Electrical Connections** section.
10. Align the L-shaped screw slots of the J-box over the screws in the pendant adapter and engage. (Fig. 6)
11. Shift the fixture assembly to fully engage the screws in the L-shaped slots of the J-box, then slowly tighten. Secure using thread locking liquid. (Fig. 7)



### Installation, Continued

#### Surface Mount (J-Box)

1. Follow steps 1-5 of the **Installation - Pendant Mount** section.
2. Attach the J-box hanger to the ceiling J-box with hardware provided by others. (Fig. 9)
3. Follow steps 8-11 of the **Installation - Pendant Mount** section.



### Electrical Connections (Fig. 10)

All electrical connections should be made inside the junction box. Make electrical connection as follows:

#### 120-277VAC or 347/480VAC (Option)

- Black - 120-277VAC or 347/480VAC
- Red/Black with White Stripe (if present) - Unswitched Power
- White - Common
- Green/Yellow Green - Ground

- If dimming is used:
- Purple - Positive (+)
  - Grey - Negative (-)

**Note:** Cap unused leads to prevent shorting.  
This fixture auto-adjusts to voltages between 120-277VAC.

Fig. 20 - EQHB Wiring Diagram	Fig. 21 - EQHB with Sensor Wiring Diagram	Fig. 22 - EQHB with Battery Backup Wiring Diagram
Black _____ ○ _____ Line	Black _____ ○ _____ Line	Red/Black White _____ ○ _____ Unswitched Line
White _____ ○ _____ Neutral	White _____ ○ _____ Neutral	Black _____ ○ _____ Switched Line
Green/Yellow Green _____ ○ _____ Ground	Green/Yellow Green _____ ○ _____ Ground	White _____ ○ _____ Neutral
Purple _____ ○ _____ DIM+	Purple _____ ○ _____ DIM+ Factory Connected to Sensor	Green/Yellow Green _____ ○ _____ Ground
Grey _____ ○ _____ DIM-	Grey _____ ○ _____ DIM- Factory Connected to Sensor	Purple _____ ○ _____ DIM+
		Grey _____ ○ _____ DIM-

### Battery Back-up Information and Operation

1. Make sure battery is connected prior to closing fixture.
2. When power is turned ON for the first time, press the test button for 1 second to activate.
3. Battery requires up to 24 hours to fully charge after connecting to unswitched line power.
4. Battery backup has a momentary test button with a red indicator light.
  - Red indicator light ON: Indicates there is unswitched power to the battery backup and it is in charging mode.
  - Indicator light OFF: Battery backup is in discharging mode and there is no power to the unswitched line. Fixture LEDs illuminated by battery power.
5. Pressing the test button when main supply is on simulates loss of power. The red indicator light should turn OFF and the fixture LEDs should illuminate under battery power. Pressing the test button for 3 seconds resumes normal operation.

### Motion Sensor Information and Operation

1. Inspect the engagement slot on the motion sensor. Depending on the sensor version, the lens may engage "counterclockwise." Place the lens over the sensor, then rotate the lens approximately 1/4 turn in the proper direction until fully engaged. Do not use excessive force.
2. The motion sensor has DIP switches set at the manufacturer's default settings. The default DIP switch settings are listed in the motion sensor DIP switch settings diagram on the spec sheet. The motion sensor DIP switches are only accessible from within the housing.
3. The motion sensor settings can be overridden by the remote control/configurator accessory, sold separately (TL-MSSW-REMOTE).
4. Full motion sensor instructions are included in the box or available on the Barron Lighting Group website.

### Troubleshooting

If the fixture does not operate correctly:

1. Check incoming voltage to the LED driver(s); voltage must be per fixture label.
2. If all LEDs do not illuminate, the driver(s) may be disconnected. Ensure driver(s) are secure. If secure, use a multimeter to check the voltages at the output. If low or no voltage, consult the factory.
3. If some, but not all LEDs are illuminated, consult the factory for additional technical support.
4. For battery back-up equipped fixtures: Check that the battery and test button are securely connected. Check the battery voltage using a multimeter. If the voltage is below the rating written on the battery, replace the battery.