Installation of DC motion sensor

Figure 12: If the fixture has a sensor receptacle, use a screwdriver to remove the 1/2" knockout as shown, then attach the sensor kit. The sensor is preconfigured to universal mode (refer to the sensor spec sheet) and can be programmed using a remote control (sold separately).
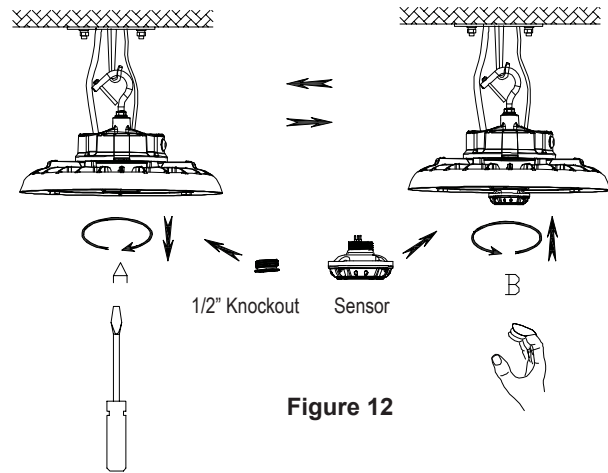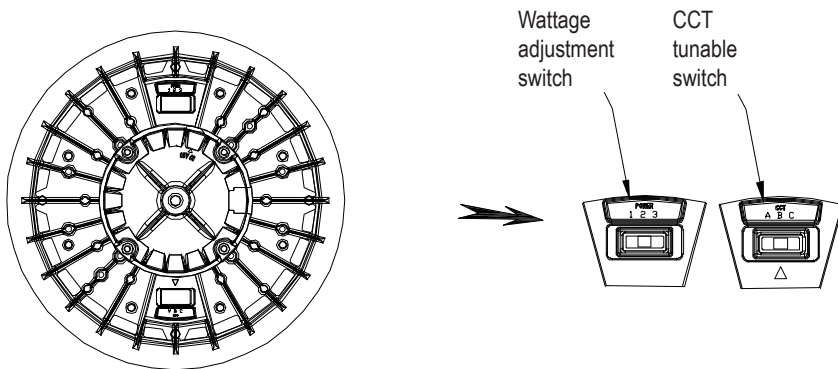

1/2" Knockout   Sensor

Figure 12

CCT & Wattage Adjustment

Two available methods for adjusting CCT (Correlated Color Temperature) and wattage:

- Utilize the Wattage adjustment switch.
- Use the CCT tunable switch.

Wattage adjustment switch   CCT tunable switch

⚠ **CAUTION : Risk of Electric Shock**

i LIA Commercial is not responsible for any injuries due to the improper installation of handling of its products.
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LIA LED in Action Commercial

Installation Instructions
LED UFO High Bay Adjustable Wattage & Color

UL CERTIFIED

Applicable Models

LIA-UHB-XXXW-D90-3CCT-HV-BK; 100W, 150W, 240W Wattage and Color Selectable
The fixture includes a standard eyebolt mount. Other mounts are optional.

Important

Carefully read all instructions at least once before installation and keep them for future reference.

Safety

For your safety, ensure this fixture is wired in compliance with local electrical codes and regulations and installed by a qualified electrician (following NEC/CEC standards).
Ensure the power cord has sufficient length and is not subjected to excessive tension or tangential forces. Avoid over-tightening or using restrictive ties when connecting light fittings.
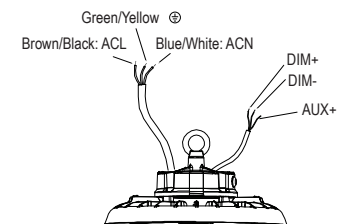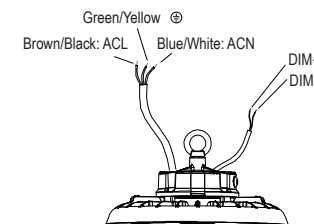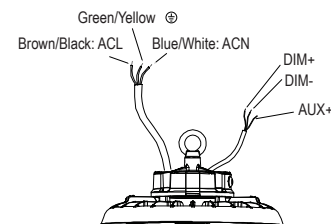
Warning

Before starting installation or maintenance, ensure the power is turned off. Switch off the power supply at the breaker or fuse panel.

Wiring Diagram & Instruction:

This LED high bay light is compatible with an optional DC motion sensor and comes with the option for:
0/1-10V dimming function, with following 2 dimming solutions:
0/1-10V dimming, Intelligent dimming with DC motion sensor,

Check the light label for DIM+, DIM-, and AUX+ wire colors.

Green/Yellow ⊕
Brown/Black: ACL   Blue/White: ACN
DIM+
DIM-
AUX+

Green/Yellow ⊕
Brown/Black: ACL   Blue/White: ACN
DIM+
DIM-

Green/Yellow ⊕
Brown/Black: ACL   Blue/White: ACN
DIM+
DIM-
AUX+

Please use dimming+, dimming- (DC 10V) marking leads to connect outside dimmer.

The pink wire and black wire with shrinkable tubing shall not be damaged (no connection).

Class 1 Wiring Only.

Please assure a cumulative leakage current of less than 3.5mA on the control circuit.

Installation Methods

Eyebolt, Hook Mount, Ceiling (Bracket) Mount, 1/2" NPT Mount.

(Please select the most suitable installation method for the purchased product according to your needs.)

Eyebolt and Hook Mount

1. Attach the eyebolt or hook to the fixture by screwing it in securely (see Figure 1)
2. Hang the fixture using the ceiling hook or chain (see Figure 2)
3. After installation, connect the fixture's wires to the mains in compliance with local wiring regulations. Ensure the connection is secure and properly insulated.

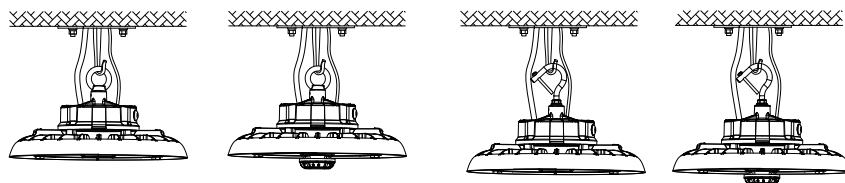
Eyebolt   Hook

Figure 1

Figure 2

Ceiling (Bracket) Mount

1. Mark the mounting surface using a marker or sharp tool, then drill the hole (see Figure 3).
2. Use a hammer to drive the screw into the hole (see Figure 4).
3. Align the bracket hole with the screw hole (see Figure 5), push the fixture to one side (see Figure 6), and secure it firmly.
4. After installation, connect the fixture's wires to the mains according to local wiring regulations. Ensure a secure and well-protected connection. By adjusting the bracket screws, the fixture can be tilted vertically up to 50° to the left or right (see Figure 7)
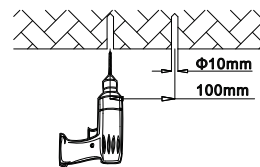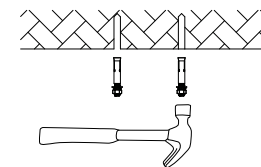

Φ10mm
100mm

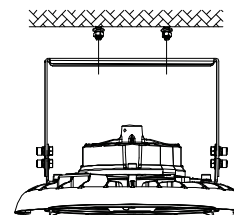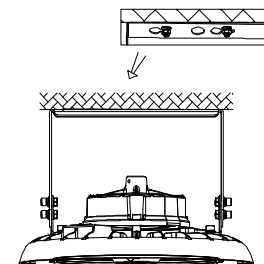**Figure 3**   **Figure 4**

Figure 5
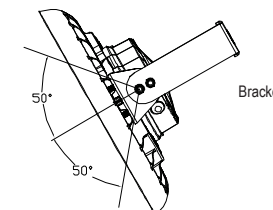

50°   Bracket
50°

Figure 6   **Figure 7**

1/2" NPT Mount

1. Loosen the nuts on the 1/2" NPT (see Figure 8).
2. Insert the 1/2" NPT stem into the bracket hole (see Figure 9).
3. Securely tighten the nuts (see Figure 10).
4. After installation, connect the fixture's wires to the mains in accordance with local wiring regulations. Ensure the connection is stable and properly protected.
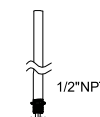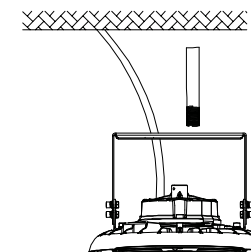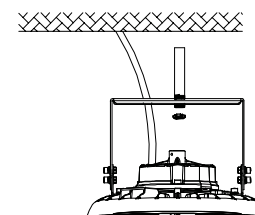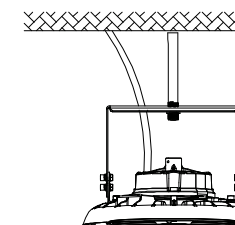

1/2"NPT

Figure 8

Figure 9

Figure 10   **Figure 11**