

# LHB2 series High Bay Installation Instructions

## CAUTIONS:

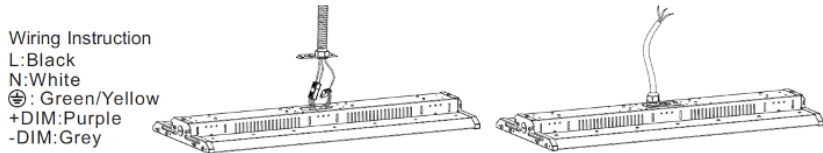
1. Ensure power is OFF before and during installation and maintenance.
2. Installation must be carried out by a qualified professional.
3. Do not use with portable electric generators.
4. Proper grounding is required for safety.
5. If you have any doubts about the installation or use of this product, consult a qualified electrician.

## WIRING DIAGRAM & INSTRUCTIONS

### Three (3) dimming functions are available:

1. Constant current can be achieved by 0-10VDC dimming.
2. PWM signal dimming.
3. Variation of resistance unit dimming.

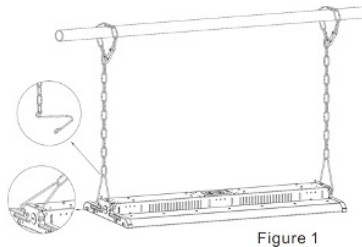
Please note this product cannot be connected to an external dimming device when equipped with motion sensor.



## OPTIONAL INSTALLATION METHODS

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

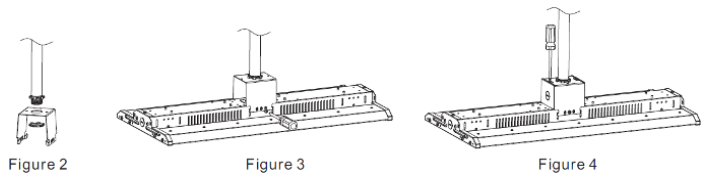
- Step 1:** Hang fixture chain (Figure 1)
- Step 2:** Connect the fixture to chain using the supplied V-hanger (Figure 1)
- Step 3:** Adjust the chain length as required (Figure 1)
- Step 4:** Choose a suitable wiring knock out and connect power conductors as per local codes.



### B. 3/4" NPT Installation:

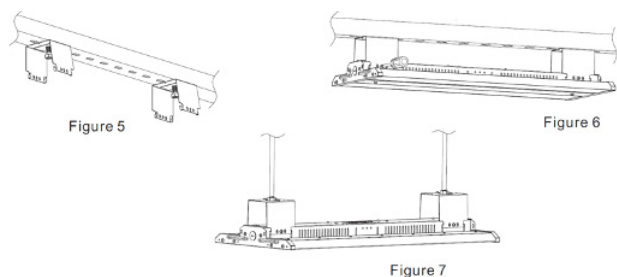
(If pendant bracket is used, back-up driver solution cannot be chosen)

- Step 1:** Mount the bracket on 3/4" NPT conduit (Figure 2)
- Step 2:** Lock fixture on the bracket (Figure 3)
- Step 3:** Connect power conductors as per local code
- Step 4:** Lock side brackets with screwdriver (Figure 4).



### C. Surface Mounting / Pendant Mounting Installation:

- Step 1:** Mount the brackets on the rail or ceiling (Figure 5)
- Step 2:** Mount bolt on the strut rail or ceiling and mount the fixture bracket on the bolt (Figure 6); and then install the fixture. (Figure 7).
- Step 3:** Choose a suitable wiring knock out and connect power conductors as per local codes.



## OPTIONAL ACCESSORIES INSTALLATION INSTRUCTIONS

### 1. Wire Guard: (Purchase the correct size wire guard)

Mount the wire guard on the fixture with supplied screws (Figure 8).

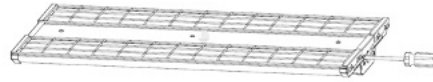


Figure 8

### 2.1 AC Motion Sensor (such as YM2502 on-off sensor)

**Step 1:** Open the access cover with screwdriver (Figure 9)

**Step 2:** Open knock-out the side cover, mount the sensor, connect wiring as per sensor instructions (Figure 10).

**Step 3:** Re-install access cover (Figure 11).

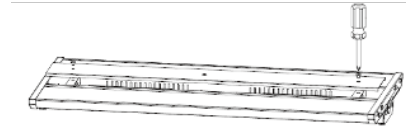


Figure 9

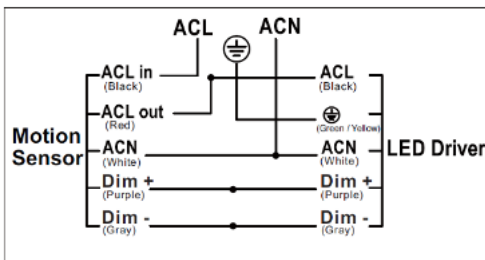


Figure 10



Figure 11

#### Wiring Instruction



### 2.2 DC Motion Sensor / PIR Sensor

**Step 1:** Open the access cover with screwdriver (Figure 12)

**Step 2:** Remove applicable knockout on the cover, install the sensor on the cover (Figure 13), and connect the wiring according to the instructions.

**Step 3:** Re-install cover on fixture (Figure 14) After the fixture is powered on, use the hand-held remote control to set as per needs.

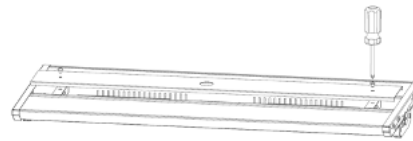


Figure 12

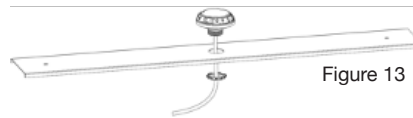


Figure 13

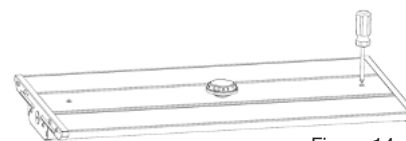
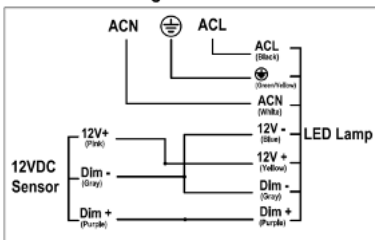


Figure 14

#### Wiring Instruction



### 3. Backup Driver

Backup driver is a Listed emergency driver and requires installation by a professional electrician according to NEC rules and applicable installation codes. Diagram below is for reference.

#### Wiring Instruction

