LED Linear High Bay Installation Instruction

Cautions:

1. Do not use a generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when installing this fixture.
3. Turn off the power before installation or maintenance.
4. Proper grounding is required to ensure safety.

Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electrical knowledge.
2. Please wear gloves to avoid injury during installation.
3. If there is any smoke or sparks, turn off the power immediately and notify relevant personnel.

Attention:

1. Please check to see if there is any damage from shipping. If so, please contact the manufacturer in a timely manner.
2. Please read the installation instructions carefully to make sure all accessories are complete. After confirmation, install the fixture according to installation steps.

Wiring Diagram & Instruction:

3 dimming functions are available in this high bay light:
1. Constant current can be achieved by 1-10 VDC dimming;
2. PWM signal dimming;
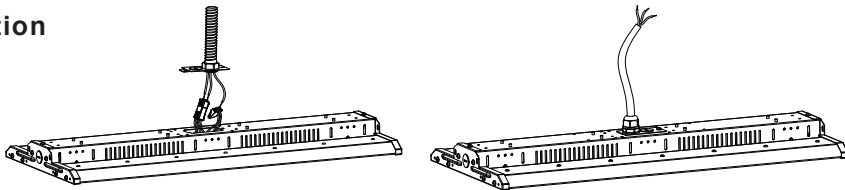3. Variation of resistance unit dimming.

Wiring Instruction

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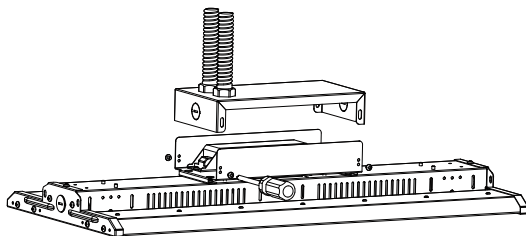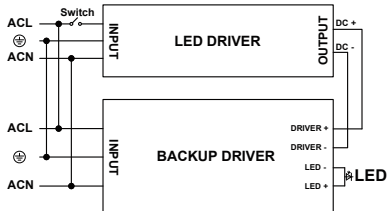N:White
⊕ : Green/Yellow
+DIM: Purple
- DIM: Grey

Backup Driver Wiring

1. Open the junction box with a screw driver.
2. Connect the input wires on each backup driver and fixture driver via suitable knock out, then complete the junction box.

Wiring Instruction

Choose the appropriate dimming connection based on your needs. You can also choose not to use this function.
*The product cannot be connected to a dimming device when it's equipped with Motion Sensor.

Three Ways of Installation: Chain/Cable Installation, 3/4"NPT Installation, Surface Mounting/Pendent Mounting
(Please choose the most suitable installation method for the purchased product for your needs)

A. Hanging Installation (Chain/Cable)

1. Connect the chain (Figure 1).
2. Connect the chain to the fixture (Figure 1).
3. Connect the chain onto the rail, adjust the chain length as need (Figure 1).
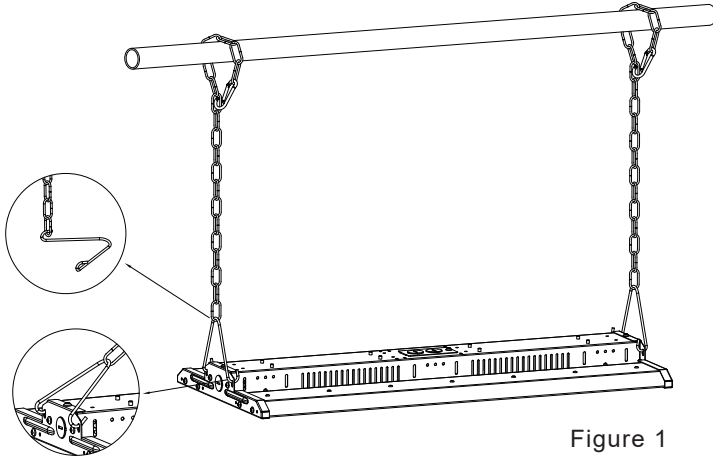4. Choose suitable wiring knock out. Perform the wiring according to local standard and code.

Figure 1

B. 3/4"NPT Installation: (If this bracket is used for the fixture, backup driver solution cannot be chosen)

1. Mount the bracket onto a 3/4"NPT (Figure 2).
2. Lock the fixture onto the bracket (Figure 3).
3. Perform the wiring according to local standard and code.
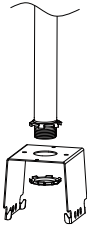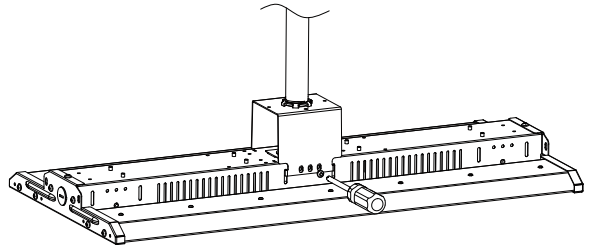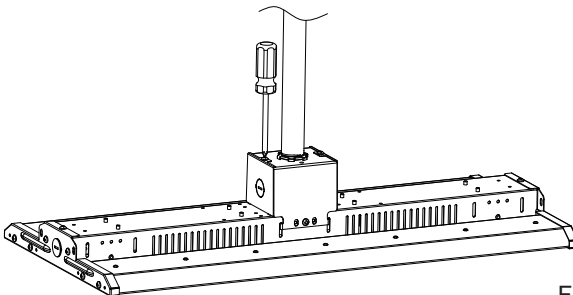4. Lock the side brackets with screw driver.

Figure2

Figure 3

Figure 4

C. Surface Mounting/ Pendent Mounting:

1. Mount the bracket on the rail or ceiling (Figure 5).
2. Mount bolt on the rail or ceiling, and mount the fixture bracket on the bolt (Figure 6), then install the fixture. (Figure 7).
3. After mounting the fixture, choose suitable wiring knock out and perform wiring according to local standard and code.
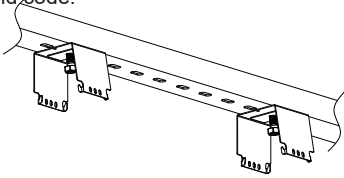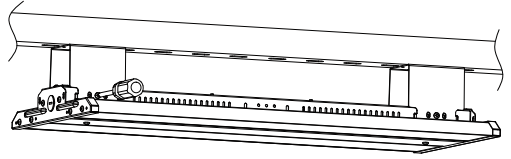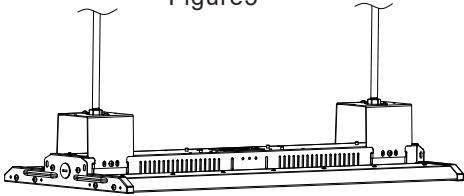
Figure5

Figure 6

Figure 7

Extra Accessory Option Installation:
1:Wire Guard, 2:Motion Sensor / PIRSensor, 3:Backup driver

1. Wire Guard: (Purchase the correct size wire guard from manufacturer)
Mount the wire guard on the fixture with screws (Figure 8).

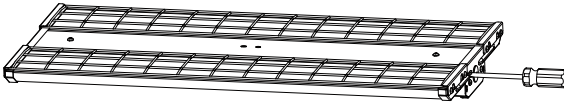Figure 8

2. Motion Sensor / PIRSensor: (Both sensors are with same installation)

1. Open the face cover with a screw driver (Figure 9).
2. Knock out the side cover, mount the sensor on the side, perform the wiring according to instruction on sensor (Figure 10).
3. Put the face cover back on with a screw driver (Figure 11).

Wiring Instruction

Motion Sensor
- ACL in (Black)
- ACL out (Red)
- ACN (White)
- Dim + (Purple)
- Dim - (Gray)

ACL   ACN

LED Driver
- ACL (Black)
- (Green/Yellow)
- ACN (White)
- Dim + (Purple)
- Dim - (Gray)

PIR Sensor
- ACL in (Black)
- ACL out (Red)
- ACN (White)

ACL   ACN
Dim + (Purple)
Dim - (Gray)

LED Driver
- ACL (Black)
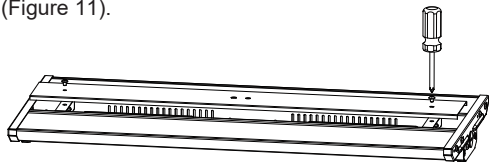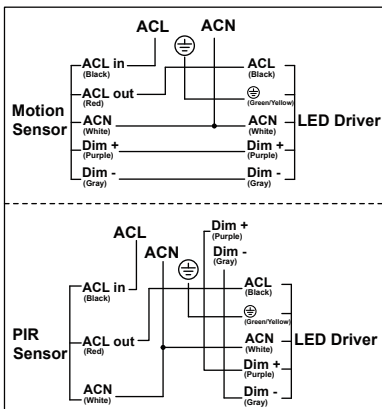- (Green/Yellow)
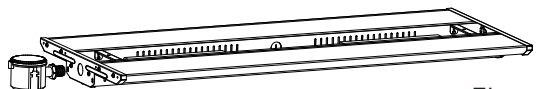- ACN (White)
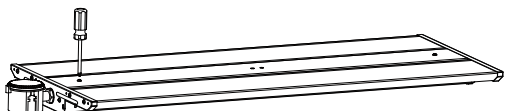- Dim + (Purple)
- Dim - (Gray)

Figure 9

Figure 10

Figure 11

3.Backup driver:

1. Knock out the knockout hole on the back of the fixture. Take out the wires from the knockout hole (Figure. 12). Open the front cover of the fixture and knock out the two knockout holes on the cover (Figure. 13).
2. Open the cover of the backup driver box and install the backup driver box at the corresponding position on the back of the fixture (Figure 14). Connect the wires according to the instructions on the wire. Mount the buttons and indicators of backup driver on the front cover of the fixture (Figure 15), then fix the cover to the fixture.
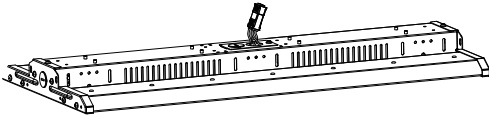3. After mounting, choose suitable wiring knock out and do wiring according to local standard and code.
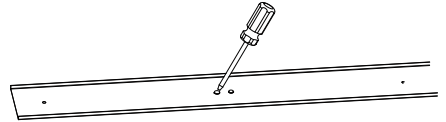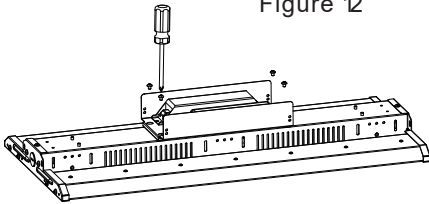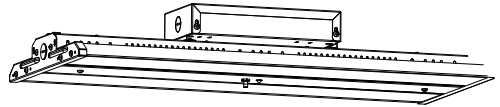
Figure 12

Figure13

Figure 14

Figure 15

Possible maximum product weight (when specific mounts or function was chosen)

Power	Net Weight / Carton	Product Dimension
90W	5.4KG Max	630x300mm
110W	5.4KG Max	630x300mm
135W	5.9KG Max	630x300mm
165W	5.9KG Max	630x300mm
220W	6.5KG Max	630x360mm
220W	8.5KG Max	900x385mm
300W	9.3KG Max	900x385mm
320W	9.3KG Max	900x385mm

Warning / Avertissement

MIN 90 °C SUPPLY CONDUCTOR
THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

LES FILS D'ALIMENTATION 90 °C MIN
CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.