

# LED Linear High Bay Installation Instruction

### 2-2.3. DC PIR Sensor / Motion Sensor (Both sensor are with same installation)

- Step1. Remove the sensor cap from the Zhaga base (Figure 17)  
 Step2. Twist-lock the sensor into the Zhaga base (Figure 18).

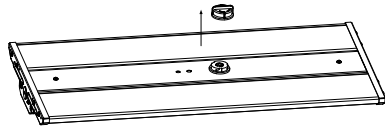


Figure 17

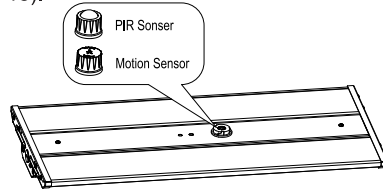


Figure 18

### 3.Backup driver:

- Step1. Knock off the knockout hole on the back of the fixture, take out the wires from the knockout hole (Figure 19), open the front cover of the fixture, and knock out the two knockout holes on the cover (Figure 20);  
 Step2. Open the cover of the backup driver box, install the backup driver box at the corresponding position on the back of the fixture (Figure 21), connect the wires correspondingly according to the marking instructions on the wire, mount the buttons and indicators of backup driver on the front cover of the fixture (Figure 22), then fix the cover to the fixture.  
 Step3. After mounting, choose suitable wiring knock out and do wiring according to local standard and code.

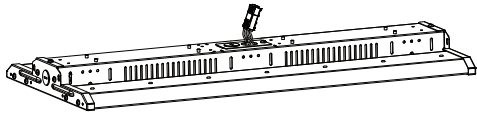


Figure19

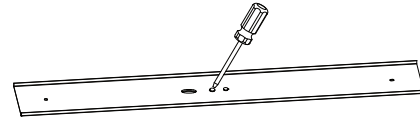


Figure20

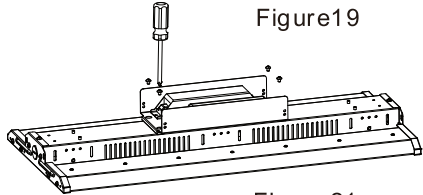


Figure21

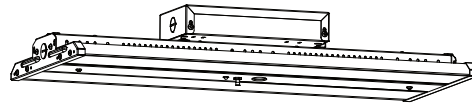


Figure22

**MIN 90 °C SUPPLY CONDUCTORS**  
**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**

### Cautions:

1. Can not use the electric generator to test the LED light.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

### Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.
4. Please use listed strain relief bushing when connection the supply cord to the outlet box.

### Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then 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 0-10VDC dimming;  
 2. PWM signal dimming;  
 3. Variation of resistance unit dimming.

### Two wiring method:

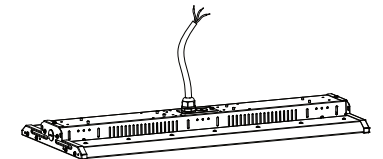
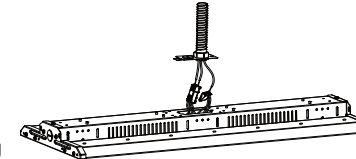
1. Conduit connection,
2. Flexible cord for connection.

### Wiring Instruction

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

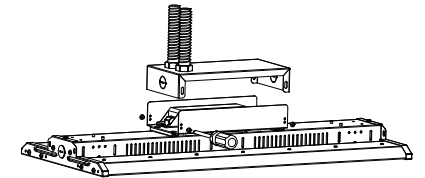
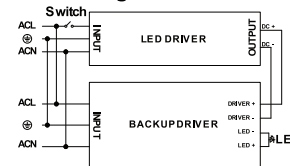
### Backup Driver Wiring

- Step1. Open junction box with screw driver  
 Step2. Connect the input wires on each backup driver and fixture driver via suitable knock out, then complete the junction box.



Description	
This product is 0-10V dimming, below dimmers are recommended:	
Brand	Model
LUTON	NTSTV-DV
LEVITON	DS710-10Z / IP710
LEGRAND	RH4FBL3PW

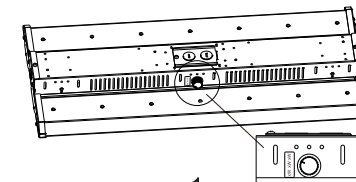
### Wiring Instruction



Please choose the appropriate dimming way according to your needs. You can also choose not to use this function.  
 \*The product can not be connected to a dimming device when it's equipped with Motion Sensor.

### Wattage Adjustable

- Step1. Adjust to get the required wattage according to the wattage label.



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

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

- Step1.Hook up the chain; (Figure 1)
- Step2.Connect the chain with fixture; (Figure 1)
- Step3. Fix the chain on the rail, adjust the chain length as per need; (Figure 1)
- Step4.After the fixing , choose suitable wiring knock out, do wiring according to local standard and code. (for wiring method (including backup driver wiring): Conduit connection or flexible cord for connection)

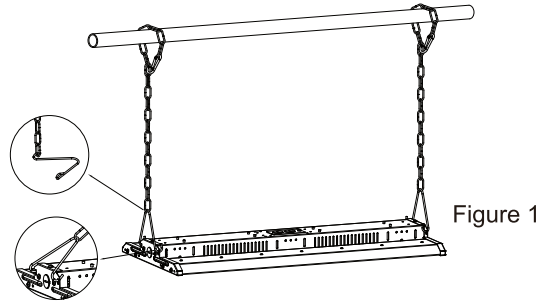


Figure 1

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

- Step1.Mount the bracket on 3/4"NPT (Figure 2)
  - Step2. Lock fixture on the bracket (Figure 3);
  - Step3. Do wiring according to local standard and code.
  - Step4 Lock side brackets with screw driver (Figure 4).
- ( for wiring method (including backup driver wiring) : only Conduit connection)

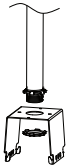


Figure 2

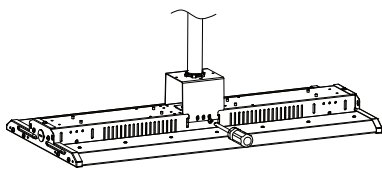


Figure 3

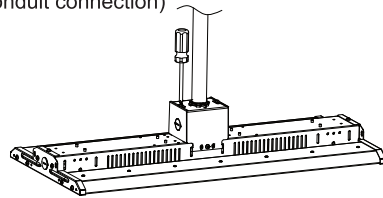


Figure 4

**C.Surface Mounting/ Pendant Mounting:**

- Step1.Mount the bracket on the rail or ceiling (Figure 5);
- Step2. Mount bolt on the rail or ceiling, and mount the fixture bracket on the bolt (Figure 6); and then install the fixture. (Figure 7).
- Step3. After mounting, choose suitable wiring knock out and do wiring according to local. (for wiring method (including backup driver wiring) : only Conduit connection)

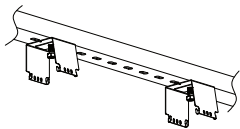


Figure 5

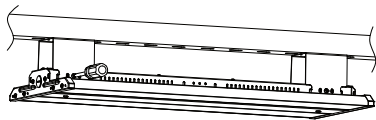


Figure 6

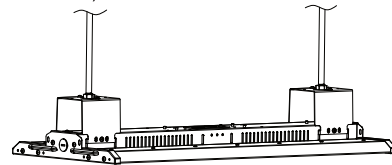


Figure 7

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

**1.Wire Guard:**(Purchase the correct size wire guard from manufacturer)

- Step1. Mount the wire guard on the fixture with screws (Figure 8)

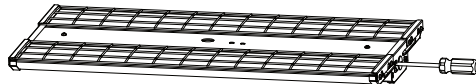


Figure 8

**2-1. AC Motion Sensor / PIR Sensor** (Both sensor are with same installation)

- Step1.Open the face cover with screw driver (Figure 9)
- Step2.Knock out the side cover, mount the sensor on the side, do wiring according to instruction on sensor (Figure 10).
- Step3.Put face cover back with screw driver (Figure 11).

**Wiring Instruction**

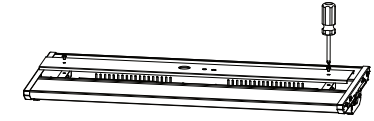
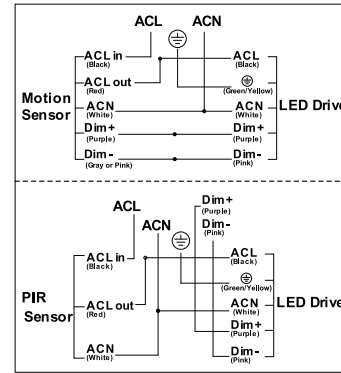


Figure 9

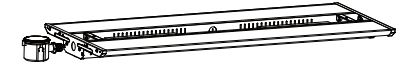


Figure 10

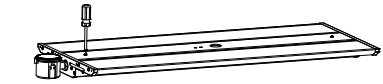


Figure 11

**2-2.1. DC Motion Sensor / PIR Sensor** (Both sensor are with same installation)

- Step1. Open the face cover with screw driver (Figure 12)
- Step2. Knock off the knockout on the cover, install the sensor on the cover(Figure 13), and connect the wiring according to the wiring instructions.Step3.Assemble the cover back onto the fixture (Figure 14) After the fixture is light on, use the remote control to adjust the working mode of the sensor as per your need.

**Wiring Instruction**

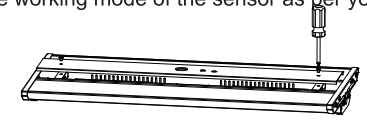
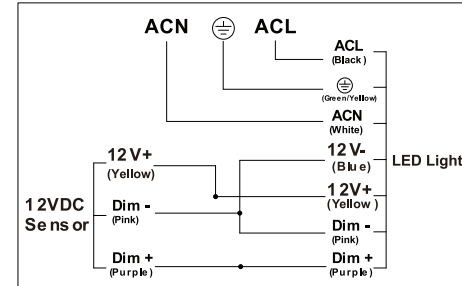


Figure 12

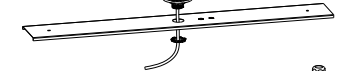


Figure 13

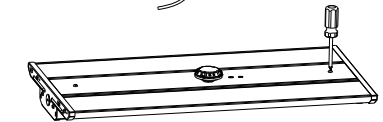


Figure 14

**2-2.2. DC Motion Sensor / PIR Sensor:**(Both sensors are with the same installation method)

- Step1. Use a screwdriver to remove the 1/2 plug from the sensor;(Figure 15)
- Step2. Twist-lock the DC sensor to the base to make it work properly, use a remote control to adjust the working mode as per demand.(Figure 16)

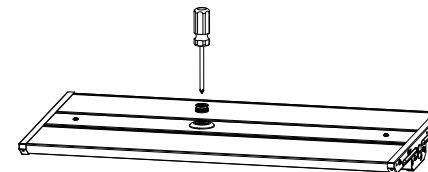


Figure 15

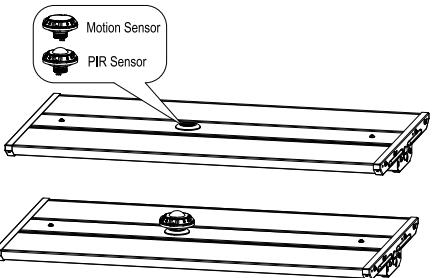


Figure 16

# LED Linear High Bay Installation Instruction

## Cautions:

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

## Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

## Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

## Wiring Diagram & Instruction:

3 dimming functions are available in this high bay light:

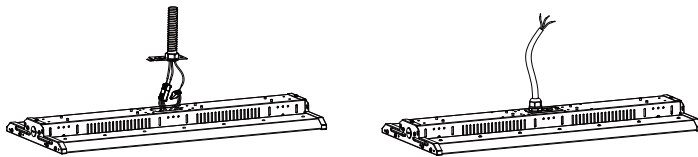
1. Constant current can be achieved by 1-10VDC dimming;
2. PWM signal dimming;
3. Variation of resistance unit dimming.

Please choose the appropriate dimming way according to your needs. You can also choose not to use this function.

\*The product can not be connected to a dimming device when it's equipped with Motion Sensor.

## Wiring Instruction

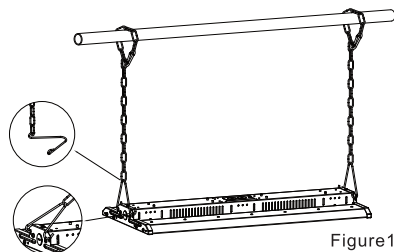
- L:Black
- N:White
- ⊕ : Green/Yellow
- +DIM: Purple
- DIM: Grey



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

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

- Step1.Hook up the chain; (Figure 1)
- Step2.Connect the chain with fixture; (Figure 1)
- Step3. Fix the chain on the rail, adjust the chain length as per need; (Figure 1)
- Step4.After the fixing , choose suitable wiring knock out and do wiring according to local standard and code.



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

- Step1.Mount the bracket on (Figure 2)
- Step2. Lock fixture on the bracket (Figure 3);
- Step3. Do wiring according to local standard and code.
- Step4 Lock side brackets with screw driver (Figure 4).



Figure2

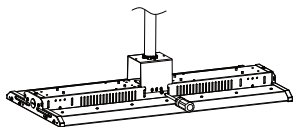


Figure3

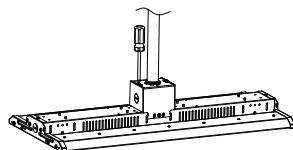


Figure4

## C.Surface Mounting/ Pendent Mounting:

- Step1.Mount the bracket on the rail or ceiling (Figure 5)
- Step2. Mount bolt on the rail or ceiling, and mount the fixture bracket on the bolt (Figure 6);and then install the fixture. (Figure 7).
- Step3. After mounting, choose suitable wiring knock out and do wiring according to local

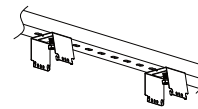


Figure5



Figure6

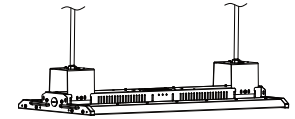


Figure7

## Extra Accessory Option Installation: 1:Wire Guard, 2:Motion Sensor

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

Step1. Mount the wire guard on the fixture with screws (Figure 8)



Figure8

### 2.Motion Sensor

- Step1. Open the face cover with screw driver (Figure 9)
- Step2. Knock off the knockout on the cover, install the sensor on the cover (Figure 10), and connect the wiring according to the wiring instructions.
- Step3.Assemble the cover back onto the fixture (Figure 11) After the fixture is light on, use the remote control to adjust the working mode of the sensor as per your need.

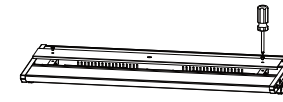
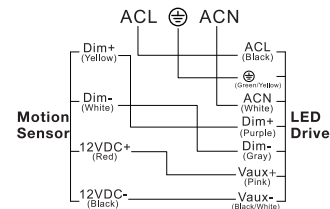


Figure9



Figure10

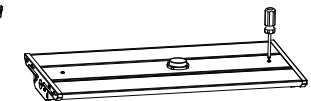


Figure11

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

Power	Net Weight	Product Dimension
90W	4.5KG Max	630x325mm
110W	4.5KG Max	630x325mm
135W	4.5KG Max	630x325mm
165W	4.5KG Max	630x325mm
220W	5.1KG Max	630x385mm
320W	7.8KG Max	900x385mm

## Warning / Avertissement

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.

CAUTION - RISK OF FIRE. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR  
MIN 90°C SUPPLY CONDUCTORS

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  
ATTENTION - RISQUE D'INCENDIE.CONSULTER UN ÉLECTRICIEN QUALIFIÉ POUR VOUS ASSURER QUE LES CONDUCTEURS DE LA DÉRIVATION SONT ADÉQUATS  
LES FILS D'ALIMENTATION 90 °C MIN