

# LED High Bay Light Installation Instructions



**THIS INSTALL MANUAL IS APPLICABLE FOR  
MODEL NO : UFOS-100W/UFOM-150W/UFOL-200W/UFOX-250W**

## SAFETY INFORMATION

### IMPORTANT

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

### PRECAUTIONS

- Please read and understand this entire manual before attempting to assemble, install, or operate this light fixture.
- This light fixture requires a 120-277 Volt AC power source.
- Some codes require installation by a qualified electrician.
- This light fixture must be properly grounded.
- Make sure connections are secure using wire nuts, crimp-on lugs or other approved connecting devices
- Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.



**WARNING:** Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.



**CAUTION:** Burn hazard. Allow the light fixture to cool before touching.



**NOTICE:** FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.



**INFORMATION:** The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation. These limits are designed to provide reasonable protections against harmful interference when the equipment is operated in a commercial environment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

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## CAUTIONS:

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

## Notice:

- 1..to avoide possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
- 2.. Please wear gloves to avvoid injury before installation.
3. If there is any smoke or spark, please turn off the power immediately and consult a qualified electrician.
4. Please use listed water proof strain relief bushing when connecting the supply cord to the outlet box.

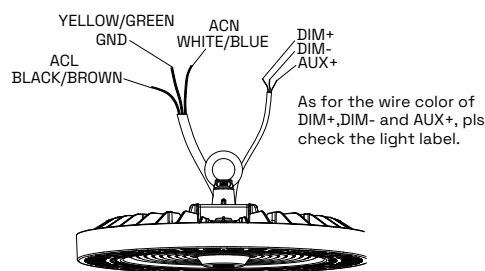
## Attention:

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

## Wiring Diagram & Instruction:

This LED highbay light can be equipped with optional DC motion sensor,and is available with 0-10V dimming function,with following 3 dimming solutions:

1. 0-10V dimming,
2. Intelligent dimming with DC motion sensor,
- 3 Pre-install tool-free handling DC motion sensor dimming module,and choose dimming function freely.

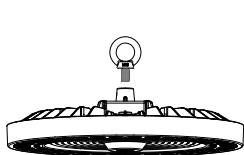


| Description:   |               |
|--|---------------|
| This product is 0/1-10V dimming,below dimmers are recommended: |               |
| BrandModel   |               |
| LUTRON   | NTSTV-DV      |
| LEVITON  | DS710 / IP710 |
| LEGRAND  | RH4FBL3PTC    |

**Installation Methods: Hook Mount, Ceiling Mount, 1/2" NPT Mount. (Please choose the most suitable installation method for the product per you needs)**

## Hook Mount:

1. Screw the hook into the fixture, tighten and fix it (Fig1) .
2. Hang the fixture on the ceiling hook or chain (Fig 2).
3. After installationm connect the wire of the fixture to the mains according to local wiring rules, ensure the connection is stable and protected on the connection.

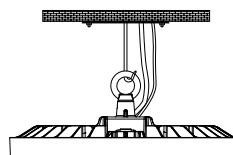


A

Fig 1

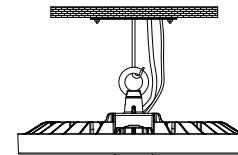


B



A

Fig 2



B

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## INSTALLATION I:

### Ceiling Mount:

1. Mark with a marker pen or sharpie tool on the mounting surface and drill (Fig 3)
2. Fix screws into the holes with a hammer. (Fig 4)
3. Align the bracket hole with screw hole (Fig 5), and push the fixture to one side (Fig 6) and fix it.
4. After installation, connect the wire of the fixture to the mains according to local wiring rules, ensure the connection is stable and protected on the connection, By adjusting the brackets screws, user can adjust 50° to the left or right vertically (Fig 7)

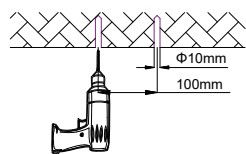


Fig 3

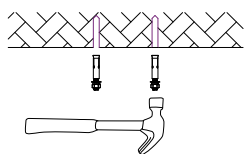


Fig 4

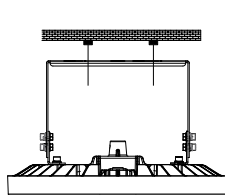


Fig 5

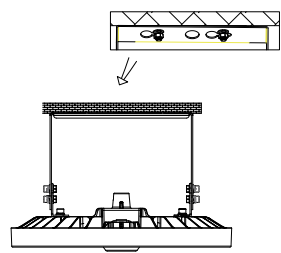


Fig 6

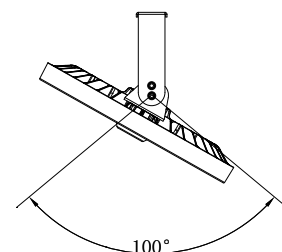
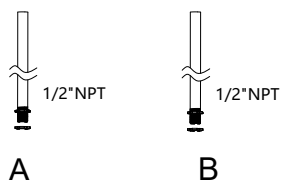


Fig 7

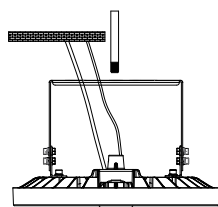
### 1/2" NPT Mount

1. Unscrew the nuts on 1/2" NPT (Fig 8)
2. Insert 1/2" NPT stem into the bracket hole (Fig 9).
3. Re-screw the nuts. (Fig 10)
4. After installation, connect the wire of the fixture to the mains according to local wiring rules, ensure the connection. By adjusting the brackets screws, user can adjust 50° to the left or right vertically (Fig 11)



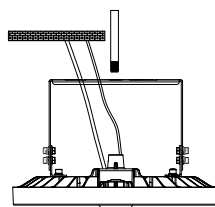
A B

Fig 8



A

Fig 9



B

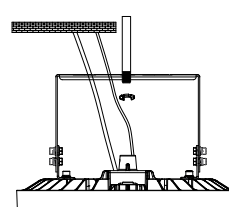


Fig 10

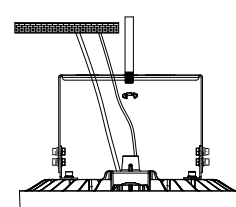


Fig 11

### Installation of DC motion sensor

The fixture has integrated function 3 Power selectable. The setting could be customized. Operation: Take away the water-proof gasket, adjust dip switch to choose Power as per sign. The original setting could be either factory default or customized request (Fig 12-1)

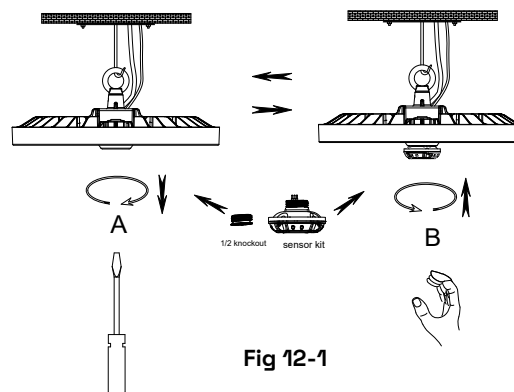


Fig 12-1