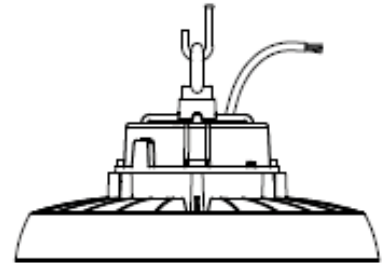


# Albeo® LED Round High Bay IP65 Luminaire ARC Series



## BEFORE YOU BEGIN

Read these instructions completely and carefully.

### ⚠ WARNING / AVERTISSEMENT

#### RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

#### RISK OF FIRE

- Follow all NEC and local codes.
- Use only UL approved wire for input / output connections. Minimum size 18 AWG.

#### RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.

#### RISQUES D'INCENDIE

- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL pour les entrées/sorties de connexion. Taille minimum 18 AWG.

## Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer at [LightingProdInfo@currentlighting.com](mailto:LightingProdInfo@currentlighting.com).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-005(A)/NMB-005(A)

**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

IP rating: IP65, can be used in wet locations.  
Do not use fixture in any corrosive environments.  
Do not operate outside rated fixture voltage.

## Prepare Electrical Wiring



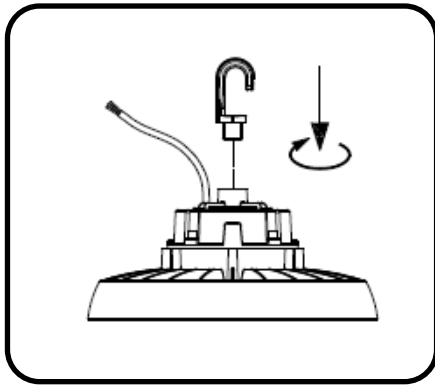
### Electrical Requirements

- The LED luminaire must be connected to the mains supply according to its ratings on the product label
- Class 1 wiring should be in accordance with NEC.

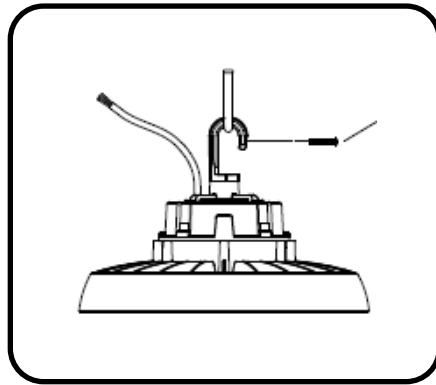


### Grounding Instructions

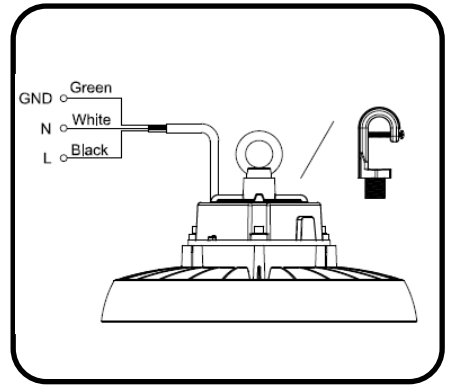
- The grounding and bonding of the overall system shall be done in accordance to local electric code of the country where the luminaire is installed.



① Screw in hook and tighten lock screw. Base is 1/2" NPT.

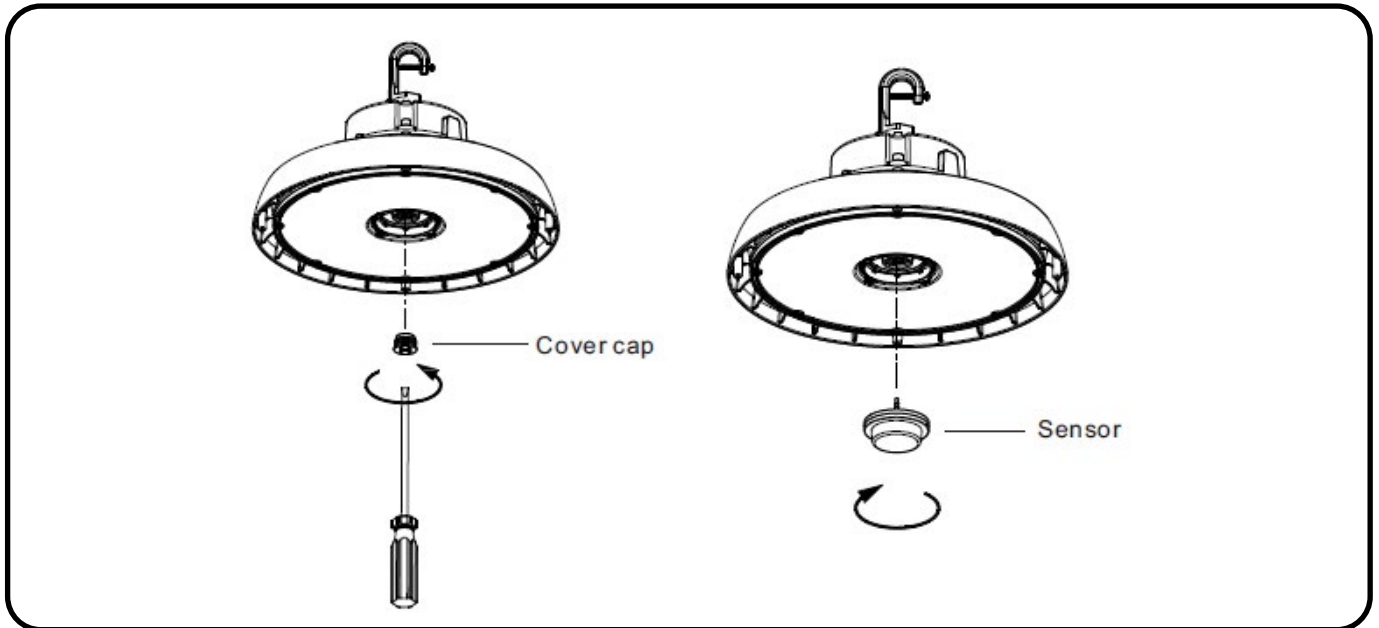


② Hang fixture and lock hook screw to secure.

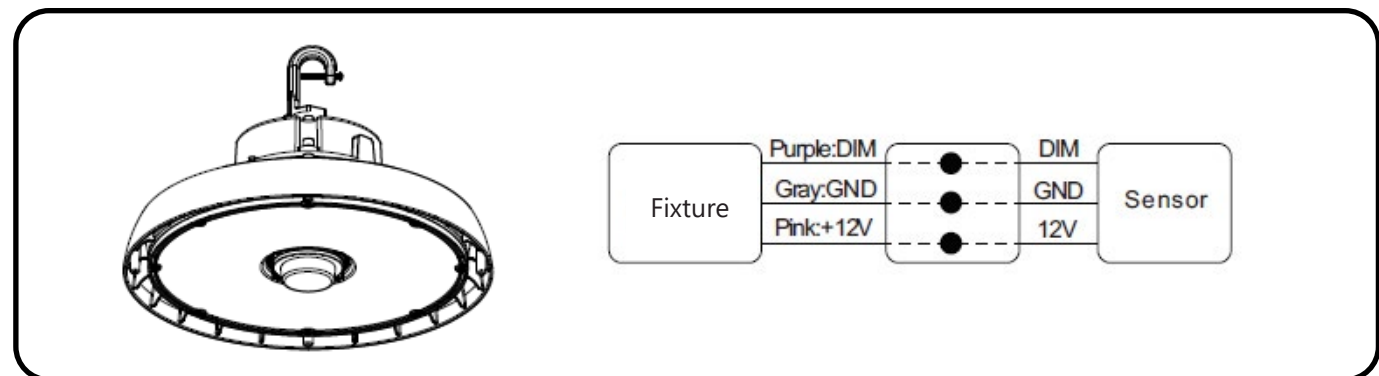


③ Turn off power, connect AC wire. Black wire to L, white wire to N, green wire to GND. To access dimming leads, pre-wired sensor connection must be severed.

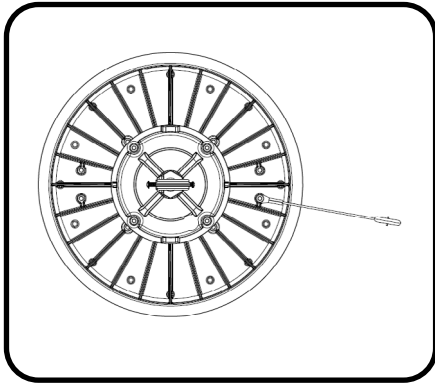
## Sensor Installation



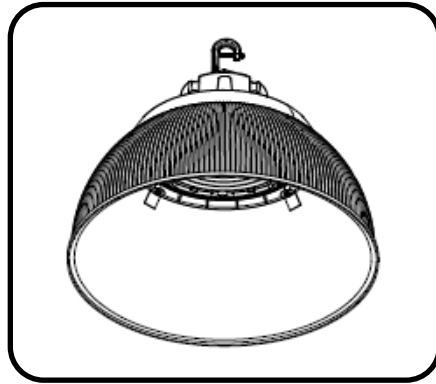
④ For sensor installation: Remove cover cap. Twist in sensor.



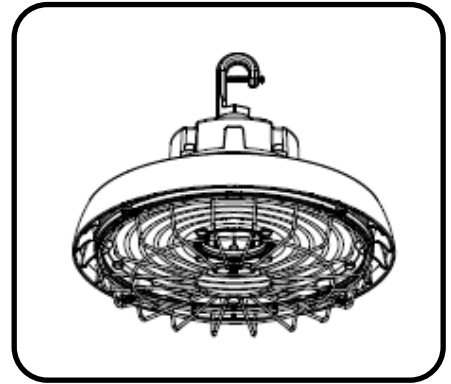
⑤ Finished installation - sensor pre-wired for plug-and-play, internal wiring diagram shown



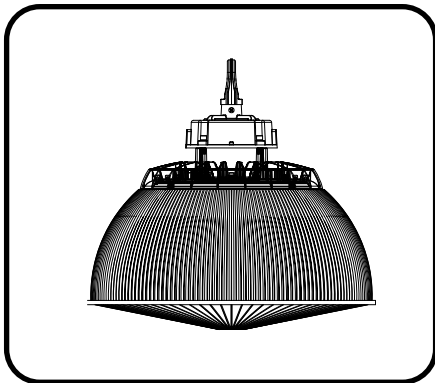
⑥ Optional: Secure tether to the fixture



⑦ Optional: Secure refractor to the fixture

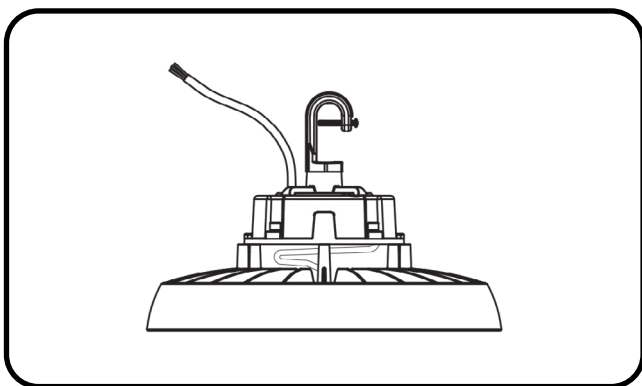


⑧ Optional: Secure wireguard to fixture

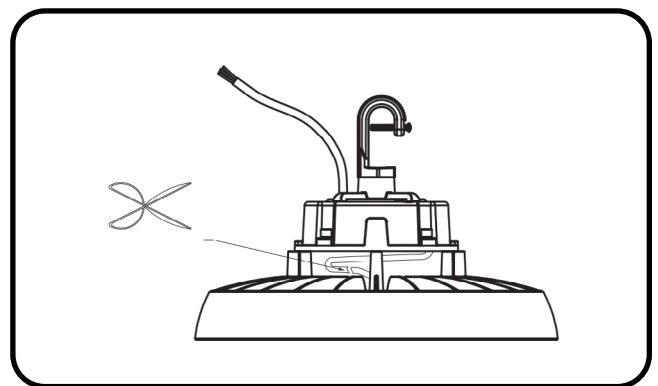


⑨ Optional: Secure drop lens to refractor

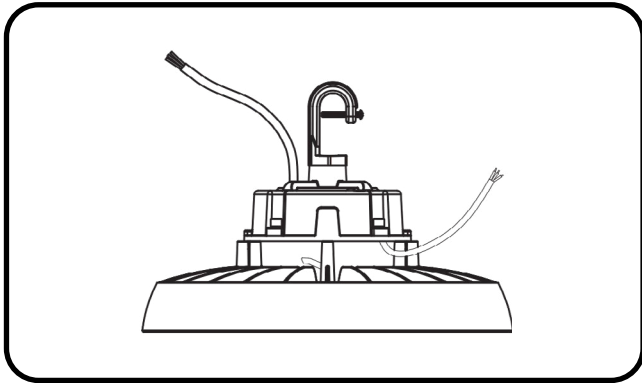
### Option: Connecting with 0-10V Dimmer



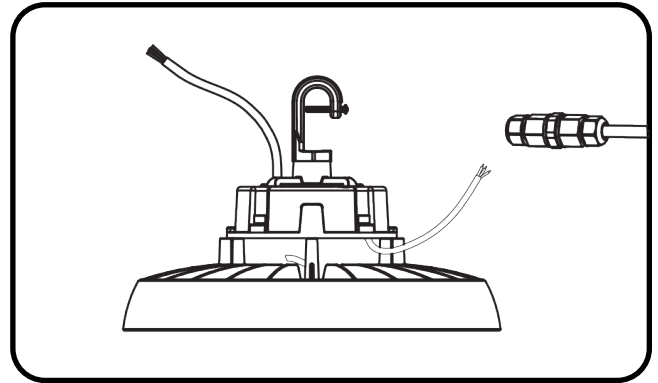
① Fixture with sensor.



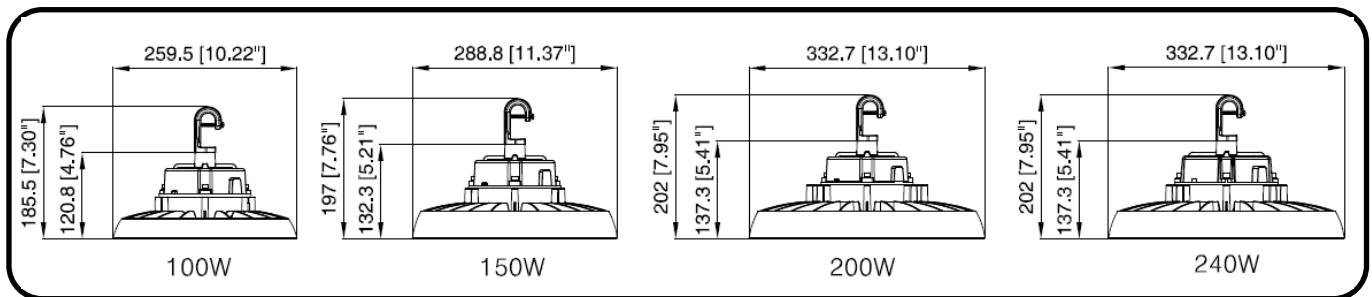
② Cut the dimming wire which has been connected with sensor base and driver.



③ Pull out the dimming wire and peel off the jacket for appropriate length



④ Connect the dimming wires with other dimmer or sensor. Gray wire to DIM-, Purple wire to DIM+, Pink wire to sensor input.  
**Note:** the pink wire can only connect with 12V sensor. If external sensor is not needed, pink wire should be well isolated.



## Option: Battery Backup Installation

How to confirm the dimming wire version of high bay you received before installation:

Purple — DIM +  
 Grey — DIM -  
 Pink — 12V AUX

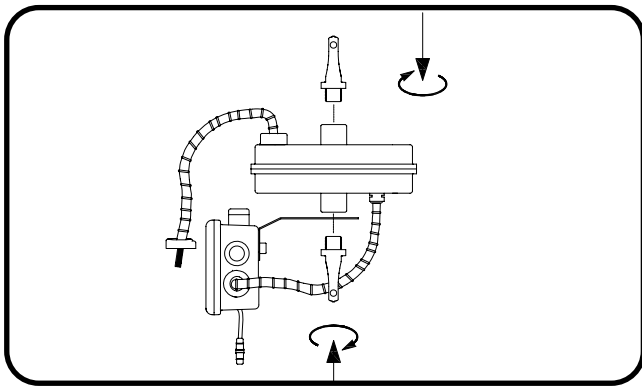
Purple — DIM +  
 Grey — DIM -  
 Black-White — 12V AUX

or

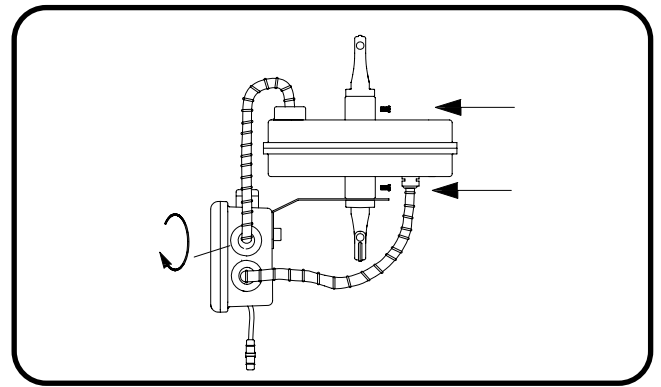
Purple — DIM +  
 Pink — DIM -  
 Black-White — 12V AUX

- ① High bays with Date Code "21-46" and before come with dimming wire version.
- ② High bays with Date Code later than "21-46" come with below two dimming wire versions.

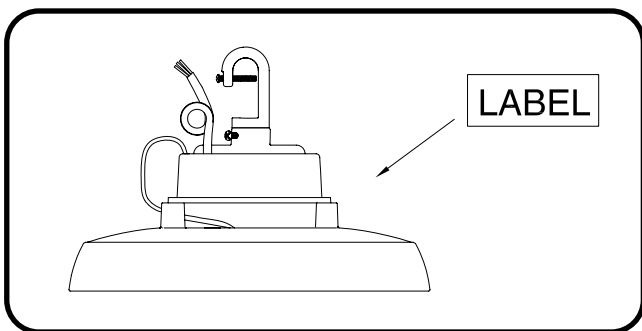
### Installation Steps



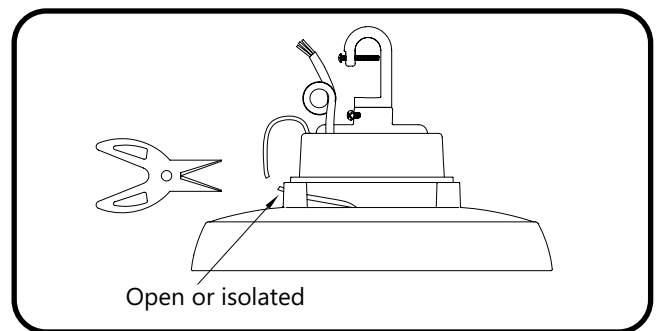
- ① Tighten the hooks. Fix the junction box via the lower hook.



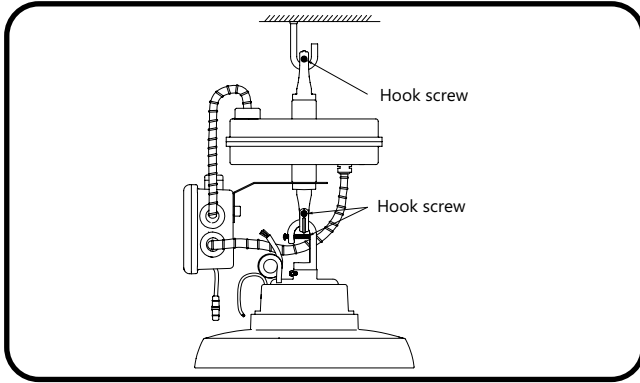
- ② Connect the input wire of backup battery into the junction box via the gray port, then tighten the nut. Tighten the screws for securing both hooks.



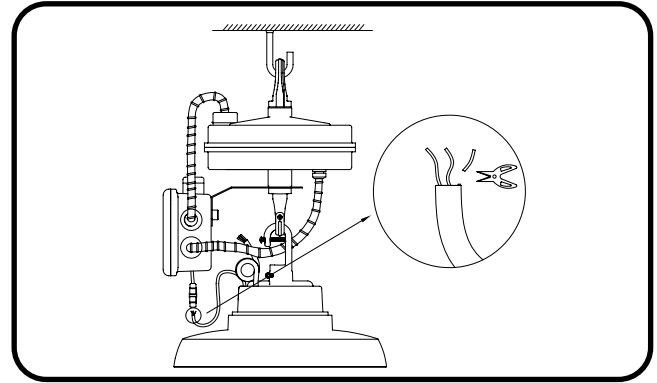
- ③ In a visible location on the fixture, attach the label: "ASSEMBLE PART YH27FA-40WL, ONLY WITH PART ARC014abccQVddAQe,ARC021abc-cQVddAQe , ARC028abccQVddAQe,ARC033abc-cQVddAQe." This label is provided together with this instruction sheet.



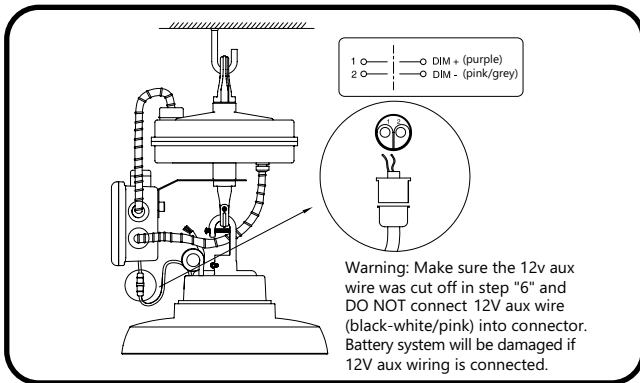
- ④ Cut the dimming wire that was connected with fixture sensor base and driver. Reserve as much as possible the length of the dimming wire end that is connected to the driver. Then open or isolated another end that is connected with sensor base.



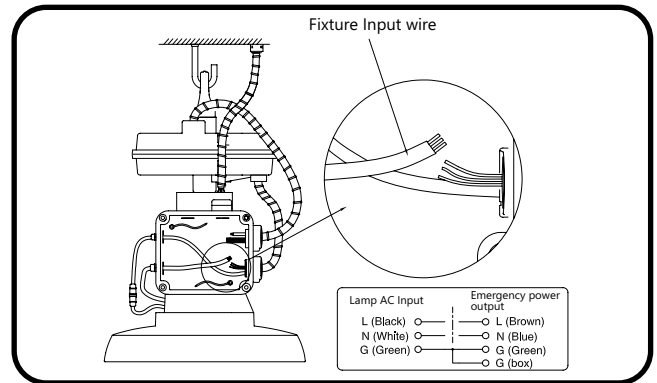
**5** Hang up the fixture and the backup battery, then tighten the hook screws.



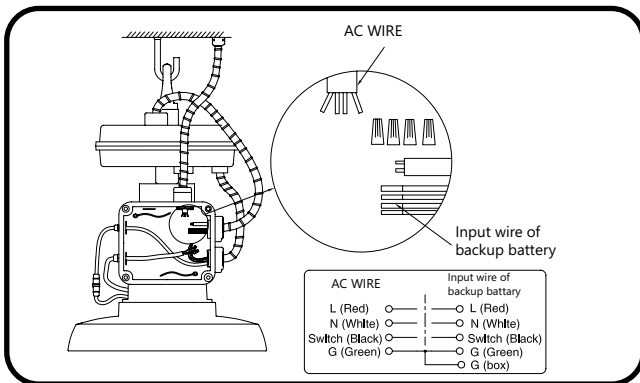
**6** Cut-off the 12V aux wire (black-white/pink) in dimming cable which was connected with driver.



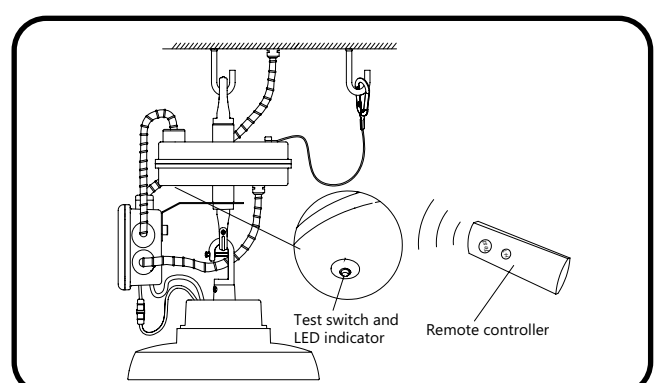
**7** Loosen the water proof connector, also the screws in connector by Ph0 screwdriver, then connect the dimming wires as below diagram.



**8** Open the junction box, connect fixture's input wires with backup battery driver's output wires. Then fasten with wire nuts.



**9** Through the AC wire into the junction box; Connect the input wire of backup battery with AC wires, as below diagram.



**10** Install the safety tether. Lock the junction box cover and enter different mode by operate test switch or remote controller.

## Notification for test switch, remote controller and LED indicator.

### Test Switch:

Backup conversion kit will go into backup mode if test switch is pressed when main supply is on, while it goes into charging mode if test switch is not pressed. In backup mode, press the test switch for 3 seconds to end the backup mode test.

### Remote Controller Test:

Carry out 5S emergency mode test after pressing the test button once.  
Press the H-T: button to enter hold test mode and press again to exit the test.

### LED Indicate:

Red Led always on: charging mode or charging full.  
Red off: main power off or discharging mode  
Red flash: 0.5 second fast flash-represents failure.  
2 second slow flash-represents low battery voltage and needs recharging.

## Wiring Diagram

