



Industrial & Commercial LED Lighting Company

4403 Greenbriar Dr, Stafford, Texas 77477  
Tel No. 1-800-8385070  
Monday - Friday 8:30 AM to 5:30 PM

## 110C SERIES SELECTABLE WATTAGE LED UFO HIGH BAY



### Product Features:

- High power factor, low THD driver with 4KV surge protection.
- IP65 waterproof, dust, corrosion, and pressure-proof.
- Microwave sensor and Emergency backup optional.
- 2021 Private Mould, Unique design.
- SMD2835 LED
- AC120-277V/120-347V optional
- High efficacy, 150lm/w or 180lm/w
- Operating temperature: -30°C~45°C
- **5-YEAR WARRANTY**

### Suitable Application:

- Warehouse
- Stadiums
- Factories
- Supermarket
- Logistics Center
- Exhibition Hall

Housing

Patented design  
IP65  
Aesthetic modeling  
and unique style

Wattage tunable

ON  
12  
80W

ON  
12  
100W

ON  
12  
120W

ON  
12  
150W

LED driver

Build-in driver  
AC120-277V

Lens

120°

Sensor

Build-in microwave sensor  
optional

Efficacy

150LM/W



Accessories

Bracket instruction

O Hook Mount

G Hook Mount

Turnnion Mount

Emergency Battery Backup

Lampshade

Diffuse Aluminum Reflector

456mm  
17.95in

76mm  
2.99in

(80W/100W/120W/150W)

456mm  
17.95in

76mm  
2.99in

(180W/200W/220W/240W)

Frosted Polycarbonate Dome Lens

412mm  
16.22in

150mm  
5.9in

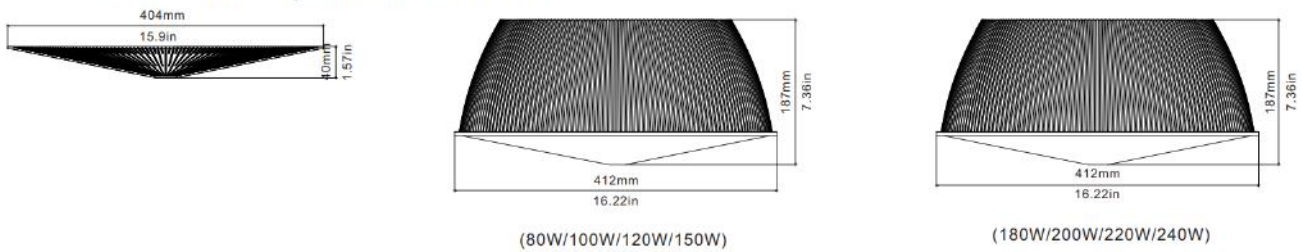
(80W/100W/120W/150W)

412mm  
16.22in

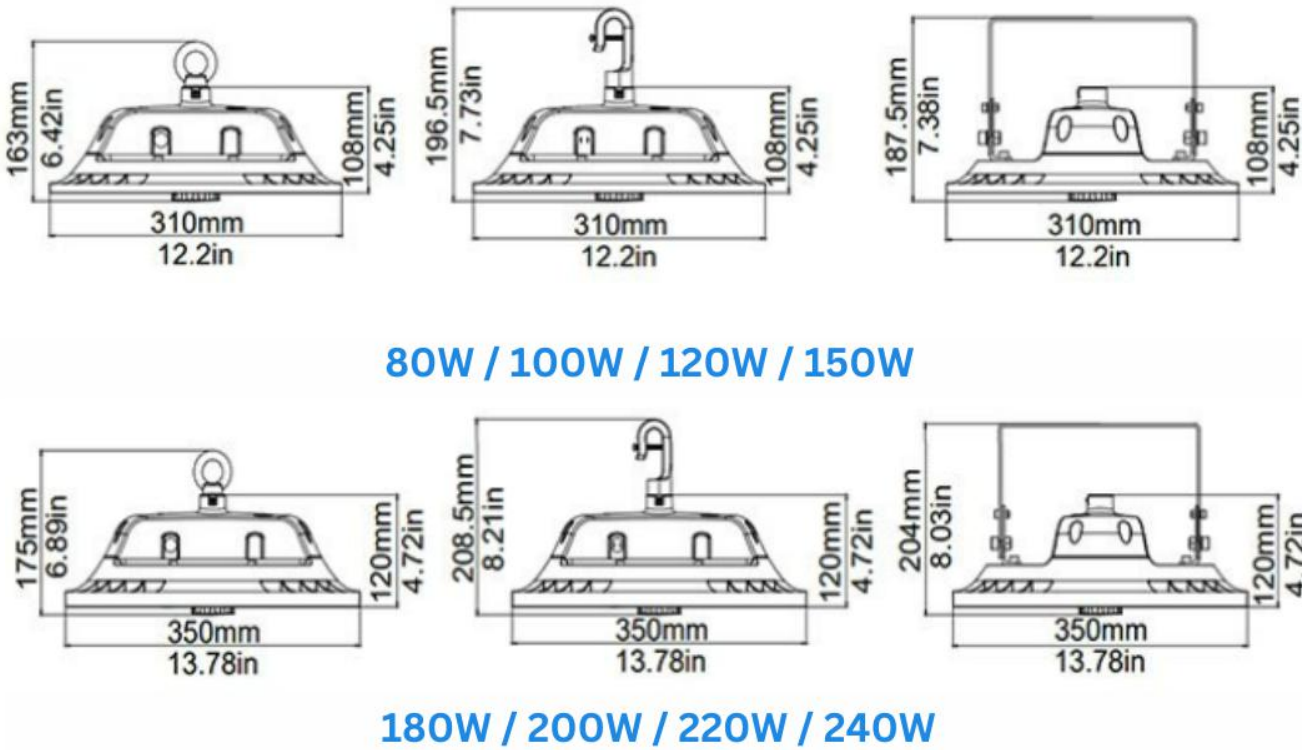
150mm  
5.9in

(180W/200W/220W/240W)

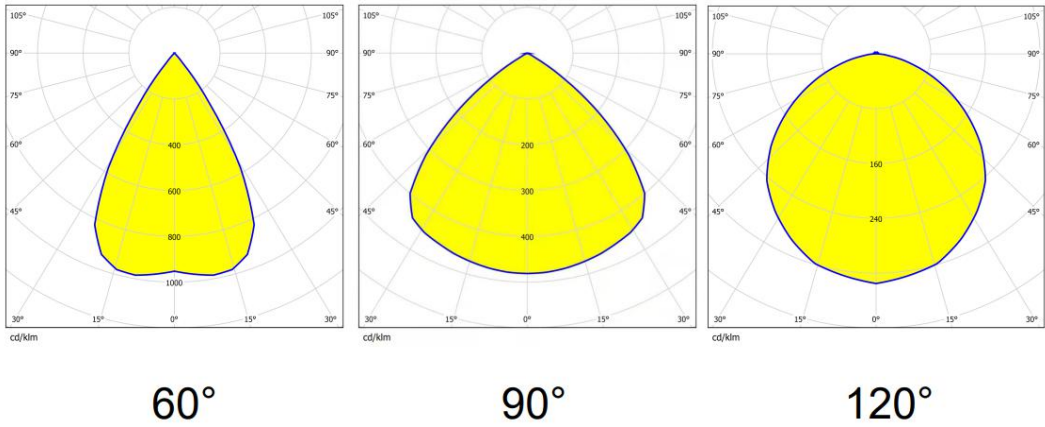
Dust Cover For Frosted Polycarbonate Dome Lens



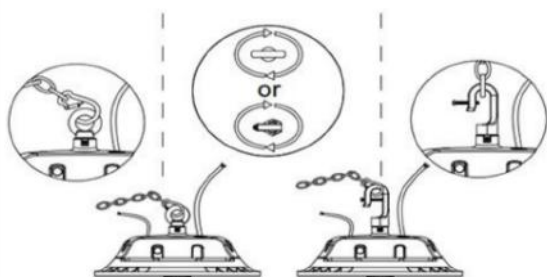
Dimensions & Weight



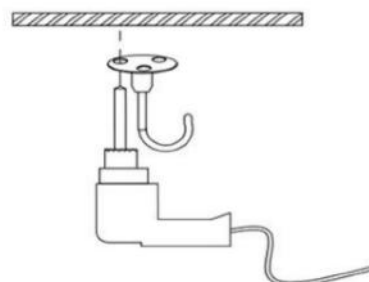
Photometrics



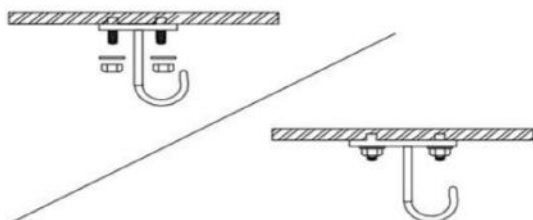
## O Hook:



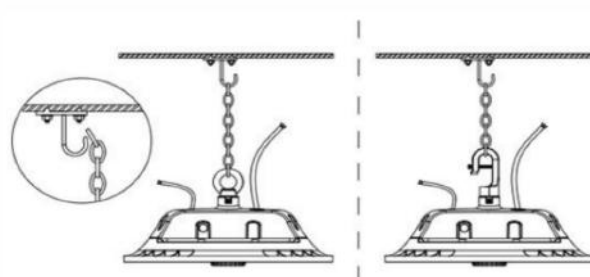
1. First fix the hook on the lamp (rotate clockwise) then connect the hook with the lock ring.



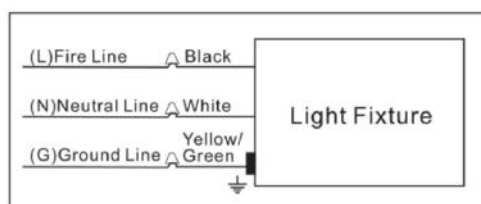
2. Use electric drill to bore a hole on the wall



3. Fix the hanger on the wall with screws.

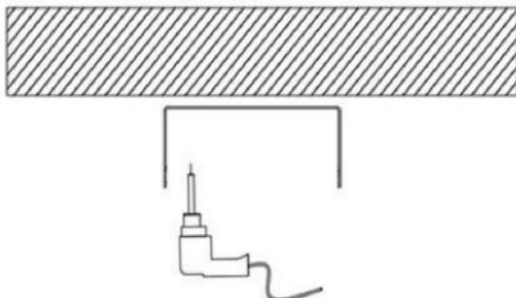


4. Fix one end of the chain to the wall, another end to the O hook from light, finish the installation.

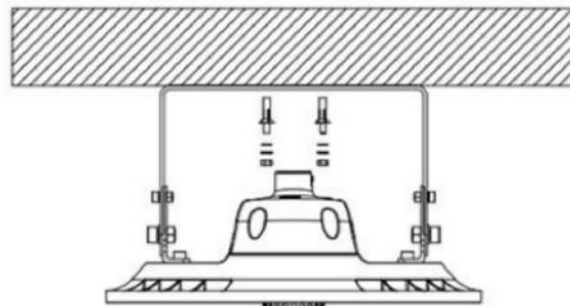


Diagram

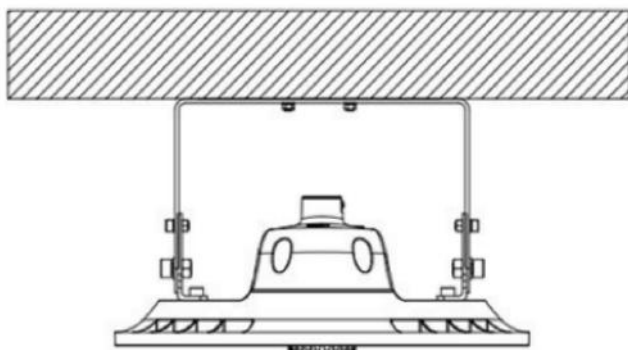
## U Bracket:



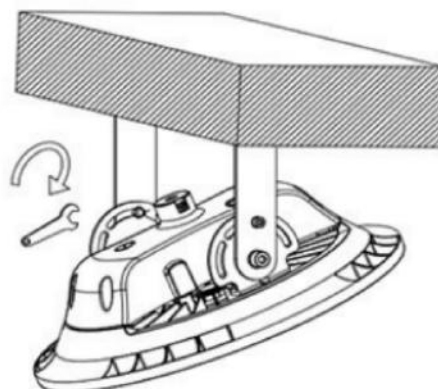
1. Use electric drill to bore a hole on the wall



2. Install the expansion screw to the existing hole.



3. Fix the U bracket to the wall by nut, plain cushion, spring shim.



4. Use a wrench to reverse the hex nut and adjust the required angle.

Ordering Guide

Example: 110C2-150W-JHOOK+109C2-BB-40W

PRODUCT TYPE	PRODUCT NAME	CCT	INPUT VOLTAGE	WATTAGE SELECTABLE	SPECIAL FEATURES	ADD ON
UFO HIGHBAY	110	C = 5000K	2 = 120-277V	150W = (80/100/120/150W) 240W = (180/200/220/240W)	J-HOOK ***** HIGHER HEAT TOLERANCE -30°C~50°C	109C2-BB-40W = BATTERY BACKUP ***** 109C2-BB-25W = BATTERY BACKUP ***** 109-SENSOR-WH/BK = OCCUPANCY SENSOR ***** 109-REMOTE = REMOTE FOR SENSOR ***** 109-HOOK-O = O HOOK ***** 109-CHAIN ***** 110-REFLECTOR-S = PLASTIC REFLECTOR 150W 110-REFLECTOR-L = PLASTIC REFLECTOR 240W

Packaging Details

Model	CartonDimension(in)	Qty / Carton	N.W	G.W	20GP	40HQ
80-150W	L14.25 x W14.25 x H5.91	1pc	6.42lbs	7.81lbs	1440pcs	3560pcs
180-240W	L15.83 x W15.83 x H6.38	1pc	9.9lbs	11.92lbs	980pcs	3060pcs

Safety Precautions

- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance on this equipment, follow these general precautions.
- Commercial installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- For The installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring the fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that the supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION: RISK OF INJURY

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

Emergency Battery Backup

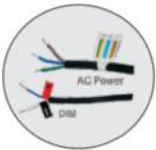


Product Features:

- Self-testing
- Constant output power
- High Output Voltage
- Battery: Over Temperature Protection
- Remote Test Switch: Distance for 98ft (This accessory is optional)
- Low energy consumption CEC Title20 compliance
- Listed to UL924 and tested to CSA C22.2 No. 141 Field or Factory Installation
- UL Listed for US and Canada

Specifications

- Input Voltage: 100~347Vac, 50/60Hz
- Input Current: 200mA max
- Input Power Rating: 12W max
- Recharge Time: 24Hrs
- Output Voltage: 170Vdc
- Emergency power: 15W / 25W / 40W
- Discharge Time: 1.5H
- Battery: Ni-MH or Li-ion
- Warranty: 5 years
- Ambient Temp: 32~122°F (0~50°C)
- Weight: 4.14lbs (1.88kg)



- Emergency output wire to led driver AC input

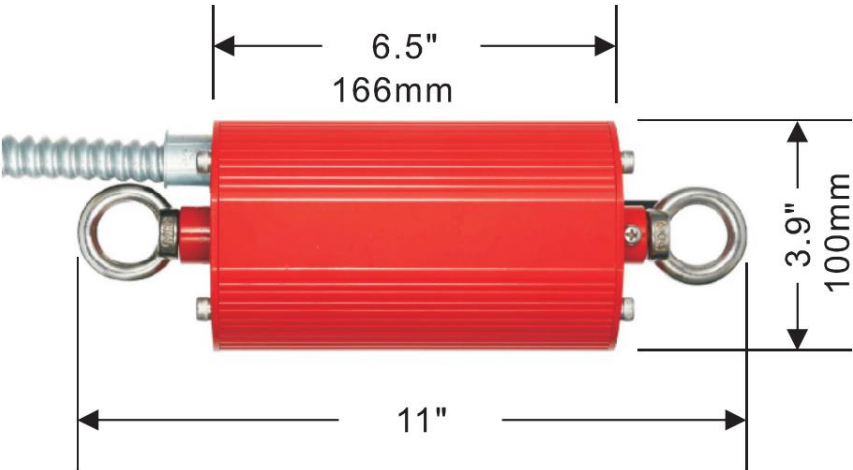


- 2-in-1, waterproof Led test switch and indicator light
- UL Listed Water-proof Flexible Conduit : 13"

Dimension

Model NO.

Model NO.	Emergency Power
EMUFO-15170-YY	15W
EMUFO-25170-YY	25W
EMUFO-40170-YY	40W



Accessories



- A
- ( 8 ) pcs of wire nuts
  - ( 2 ) pcs of hooks
  - ( 1 ) pc of signal receiver



- B
- ( 1 ) pc of safety rope
  - ( 1 ) pc of chain link connector



- C
- ( 1 ) pc of flex conduit 13"

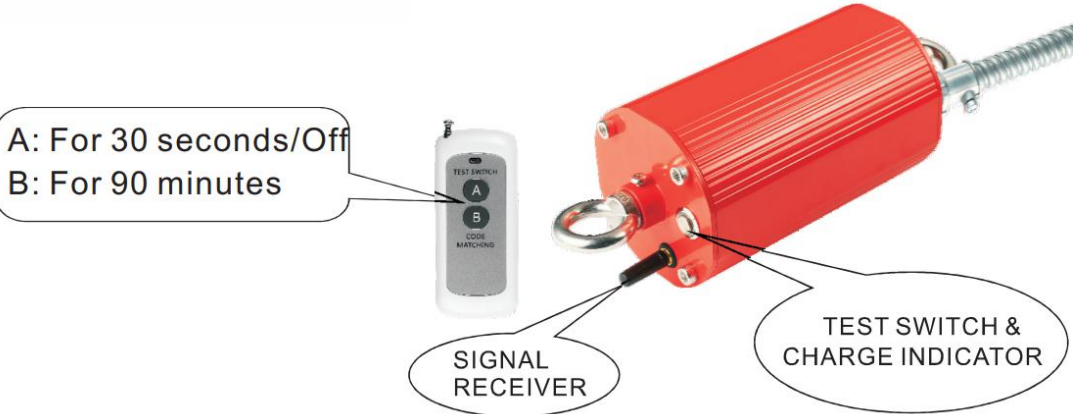


- D
- ( 1 ) pc of remote

Self-Test

- The emergency LED driver contains a control/monitor circuit that will perform a 30-second discharge test once a month and a full discharge test once a year. Currently, the unit simulates an AC power failure and automatically switches to emergency mode. During routine testing, the team will monitor the operation of the LED load, battery voltage, and emergency duration; if the unit detects any problems, the indicator will flash quickly.

Function



### Indicator Light:

- AC operation, the indicator light will keep on
- Emergency Operation, indicator light flash slowly (light on for 2 seconds, light off for 2 seconds)
- In a failure, the indicator light flash quickly (light on for 0.2 seconds, light off for 0.2 seconds)

### Test Switch:

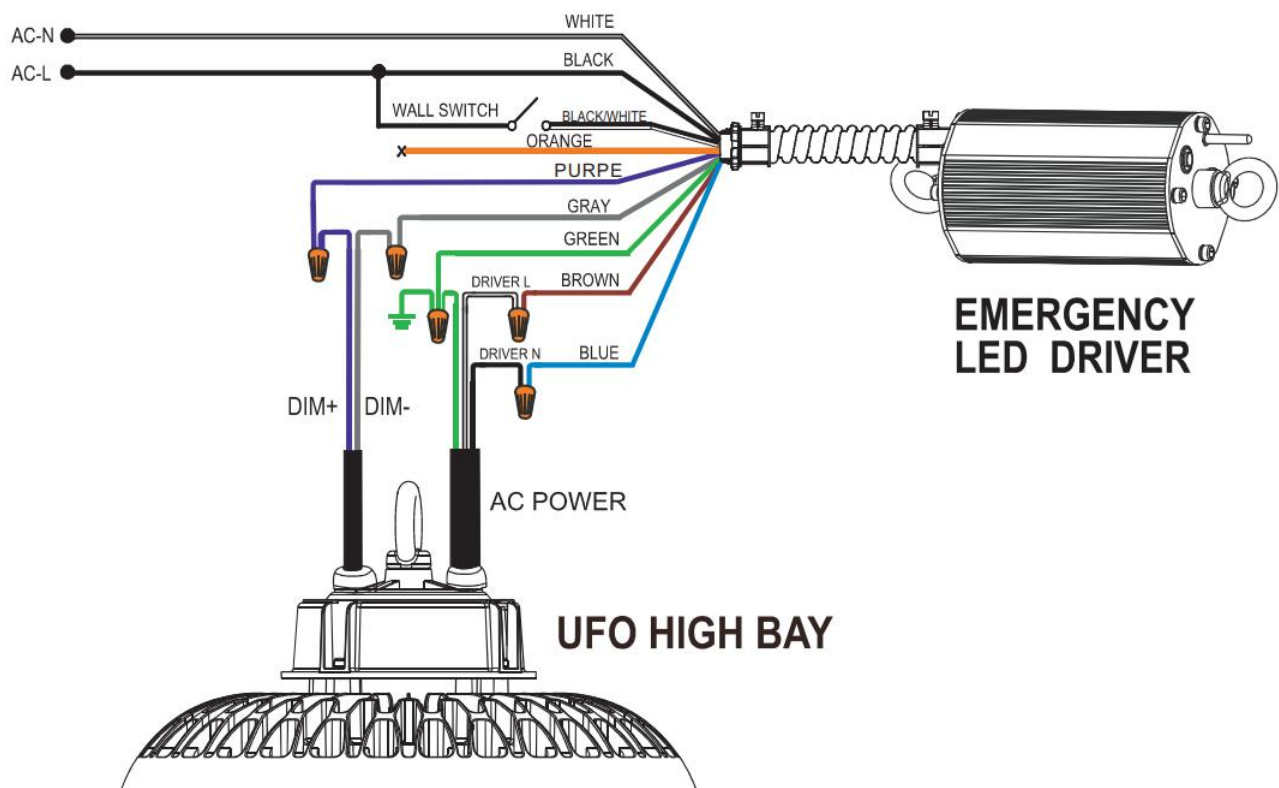
- In AC Operation, press the test switch or "A" on the remote test switch; the fixtures will switch to the emergency model for 30 seconds.
- In AC Operation, press "B" on the remote test switch; the fixtures will switch into emergency mode for 90 minutes.
- In an emergency operation, press "A" on the remote test switch 10 seconds later, and the fixtures will switch to the AC model.

## Wiring Diagram

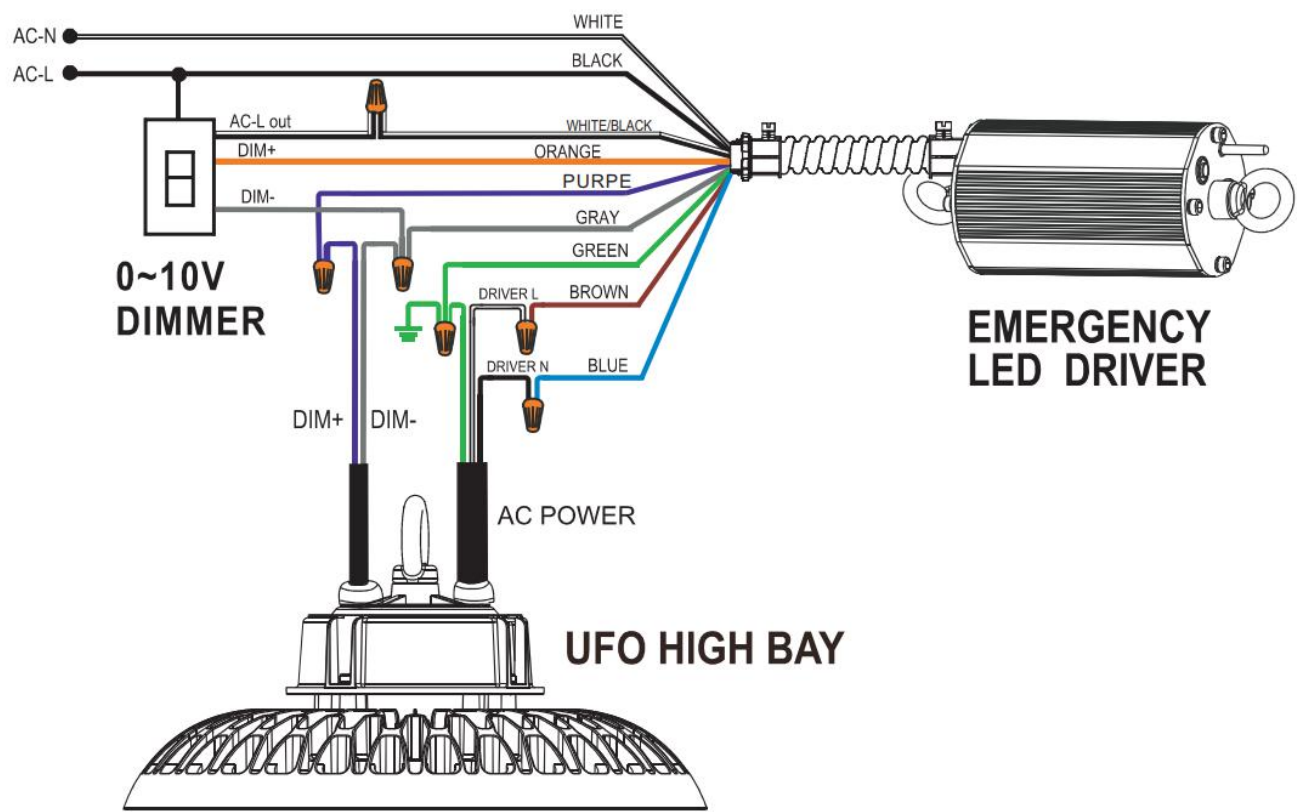
### CAUTION:

- During AC operation, remember no touch or remove any wires in case of electric shock.
- During emergency operation, before touching or disconnecting any of the wires, make sure press test switch or button "A" on remote test switch to turn off power.
- The voltage input to the dimmable wires(DIM+,DIM-) of emergency LED driver must less than 20Vdc.
- For emergency LED driver of EMUFO-15170-YY/EMUFO-25170-YY better work with LED lamp not more than 150W, for EMUFO-40170-YY must work with LED lamp not more than 300W.
- This emergency LED driver only work with LED lamp with dimmable function.

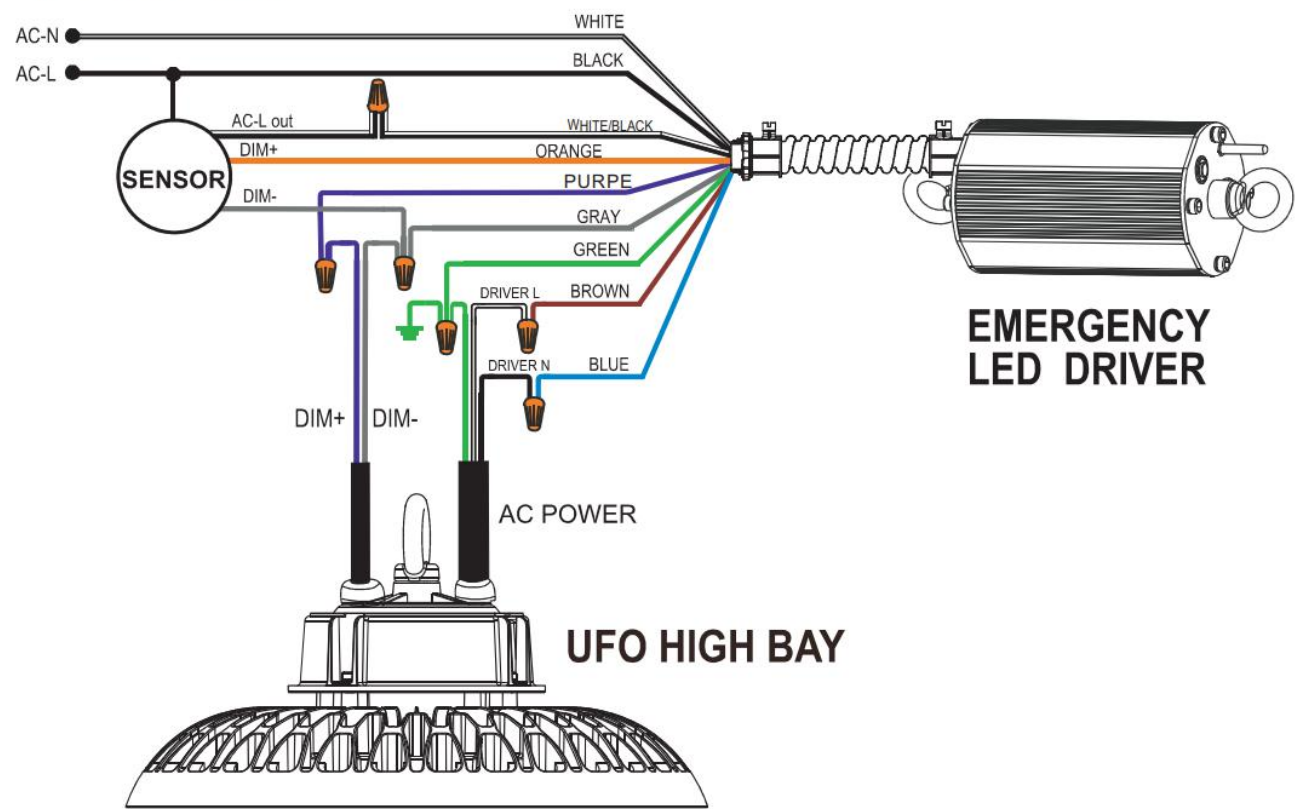
### A) Without Dimmer and Sensor



B) With Dimmer



C) With Sensor



Packaging Details

Power	Length(inch)	Width(inch)	Height(inch)	G.W(kg)	N.W(kg)	QTY(pcs)
15W	16.06"	15.47"	10.31"	10	6	4
25W	16.06"	15.47"	10.31"	10.5	7	4
40W	16.06"	15.47"	10.31"	11	7.5	4

