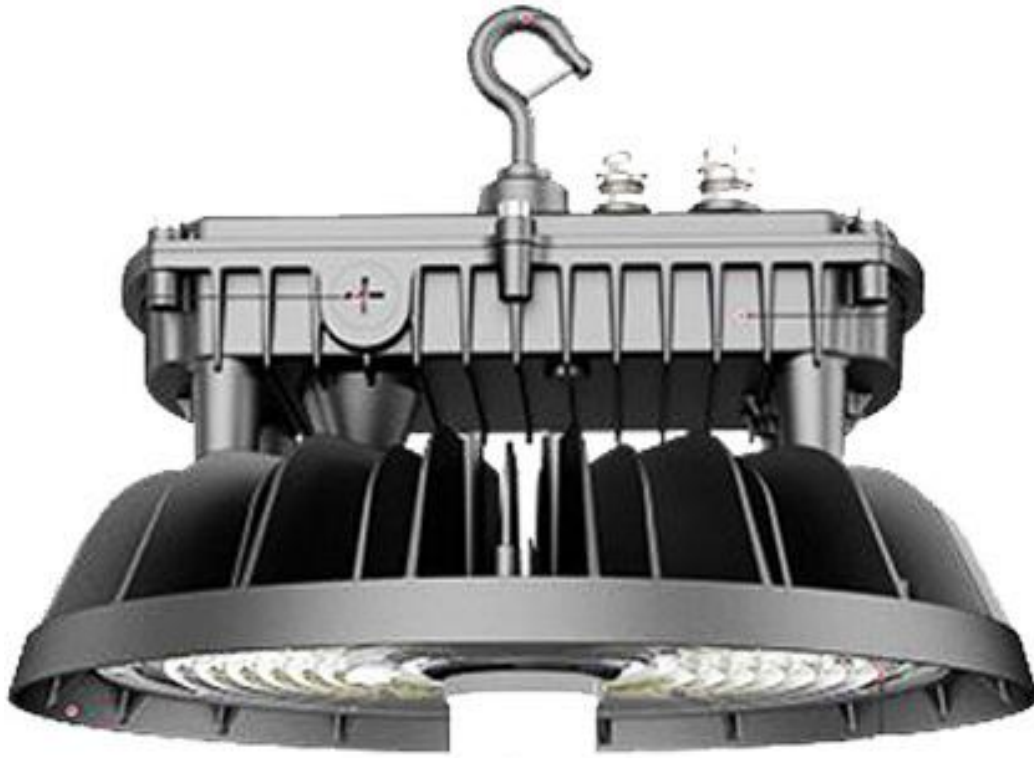




Industrial & Commercial LED Lighting Company

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

## 113C SERIES SELECTABLE WATTAGE LED UFO HIGH BAY



### Introduction:

- Available in three sizes, the 113C Series LED UFO high bay offers three selectable wattages and two CCTs, making it versatile enough to handle countless applications.
- Its standard efficiency is 150 lumen per watt. But it can reach up to 170 lumens per watt, and its highest lumen reaches 52,700 lumens.
- 113C Series includes an expansion port to add the sensor quickly.
- It can be configured to adjust brightness and hold me, saving additional energy and costs.
- It comes standard with a G hanging hook but is also available O hanging hook, U bracket mount kit, and Pendant mount adapter for optional.
- 113C Series LED UFO high bay is widely used in warehousing, industrial facilities, sports facilities, gymnasiums, etc.

### Product Features:

- Die-casting aluminum housing and heatsink for added protection.
- Black color is Standard.

### Electrical:

- 0-10v dimmable driver, which can dim from 100% down to off.
- The Input voltage is AC120-277V/AC120-347V/AC277-480V (50/60Hz).
- Designed to withstand up to L/N-PE: 6kV, L-N: 4kV surge (120-277V/120-347V/277-480V).
- Flicker-free

**Optics:**

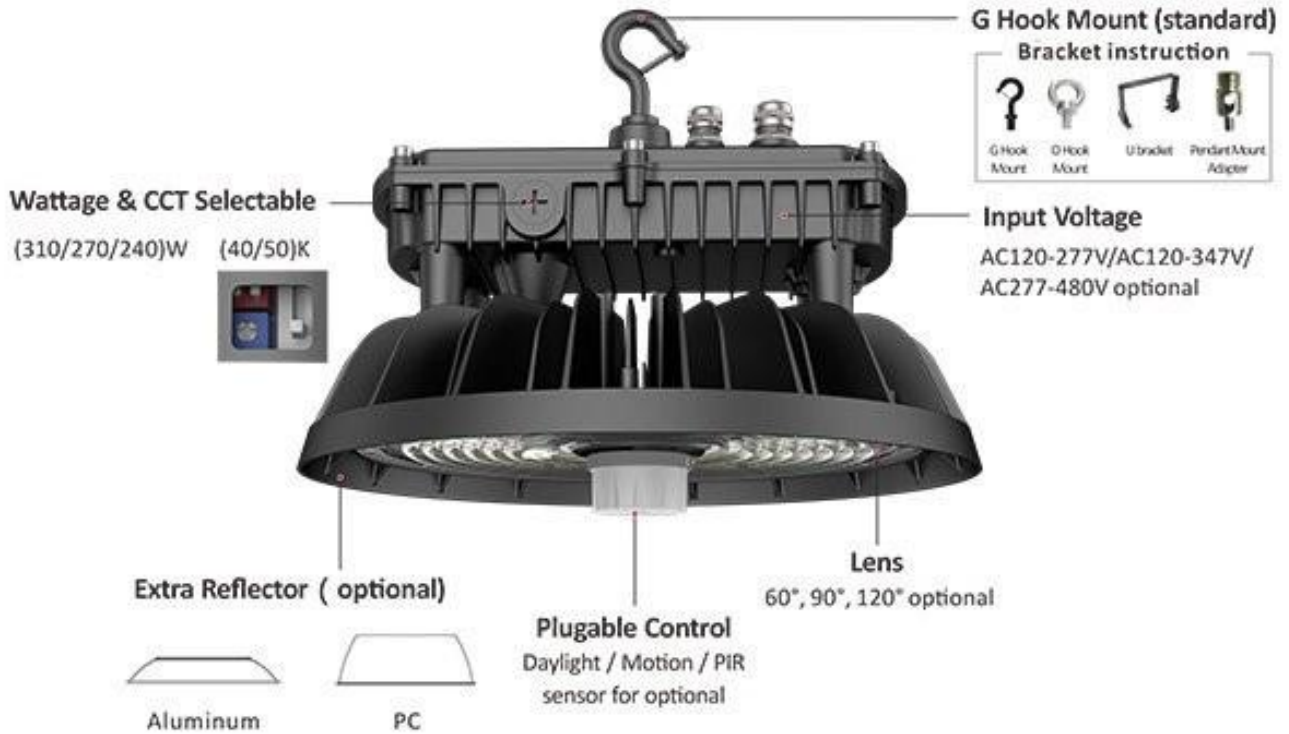
- LED chips support 4000k and 5000k with CRI>80.
- Sealed optic available in 60°, 90°, and 120° beam angle.

**Mounting:**

- Support O/G hook, U bracket mount kit, and Pendant mount adapter for surface or pendant mounting.
- Safety Hanging kit is optional.

**Compliances:**

- cULus listed for wet locations, environment temperature from -40°C to 45°C.
- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).
- **5-YEAR WARRANTY**



**Accessories**

**Intelligent control**



**Installation mount**



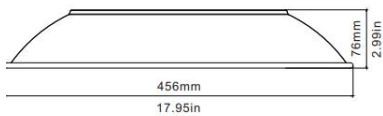
**Emergency Battery Backup**



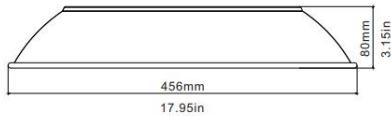
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Reflector

Diffuse Aluminum Reflector

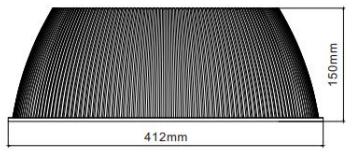


100W, 120W, 150W (150/120/100)W

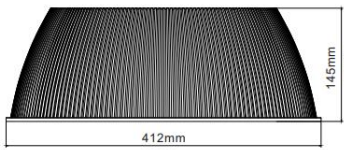


200W, 240W (240/200/180)W  
310W, (310/270/240)W

Frosted Polycarbonate Dome Lens

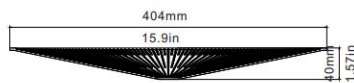


100W, 120W, 150W (150/120/100)W

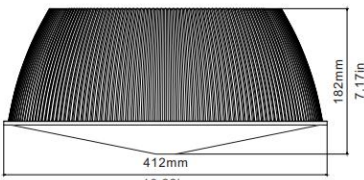


200W, 240W (240/200/180)W  
310W, (310/270/240)W

Dust Cover For Frosted Polycarbonate Dome Lens



100W, 120W, 150W (150/120/100)W

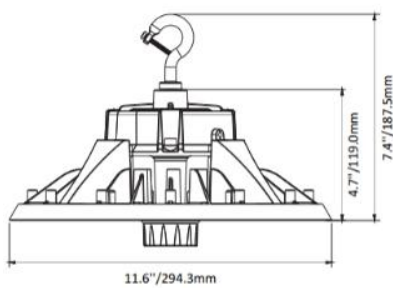


200W, 240W (240/200/180)W



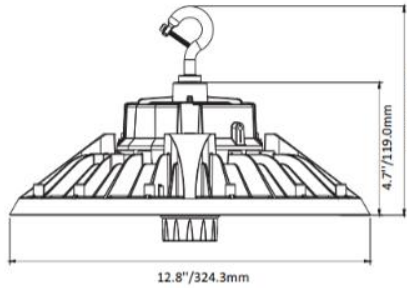
Dimension & Weight

100W/120W/150W  
(AC120-277/347V)



Net Weight: 4.6Lbs/2.1kgs

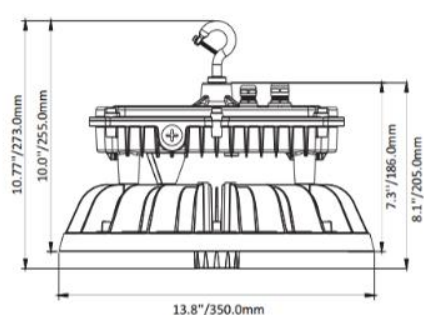
200W/240W  
(AC120-277/347V)



Net Weight: 6.8Lbs/3.1kgs

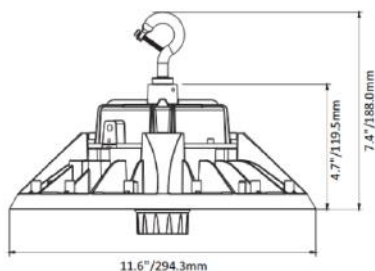
310W

(AC120-277/347V, AC277-480V)

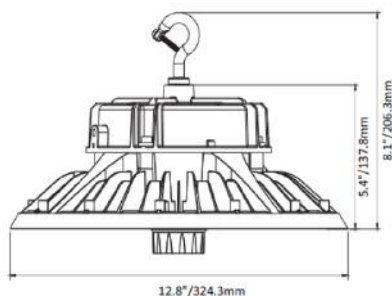


Net Weight: 11.5Lbs/5.2kgs

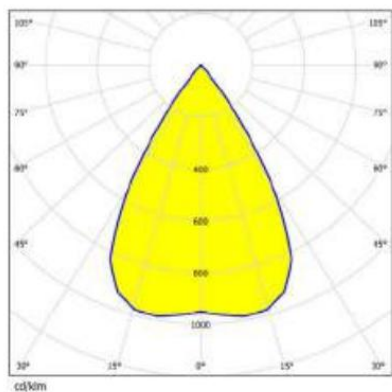
100W/120W/150W  
(AC277-480V)



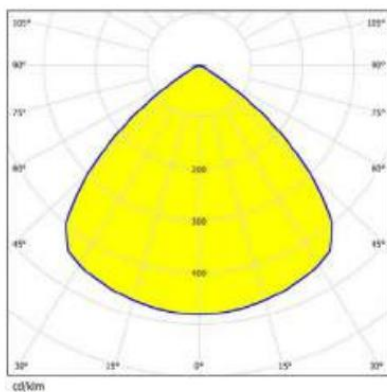
200W/240W  
(AC277-480V)



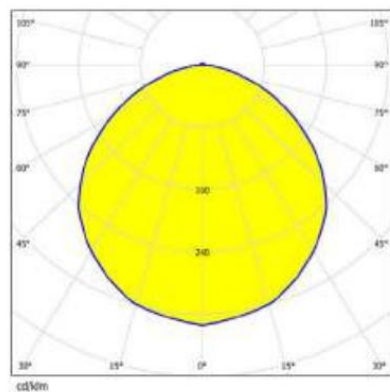
Photometric



Beam angle: 60°



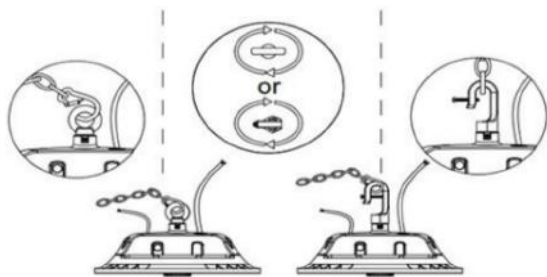
Beam angle: 90°



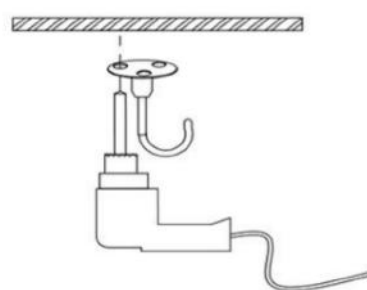
Beam angle: 120°

Installation

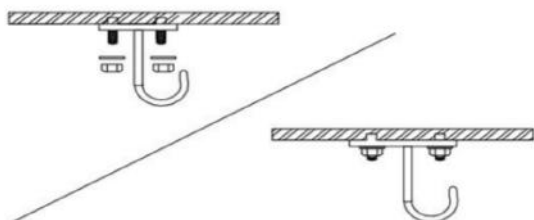
O Hook:



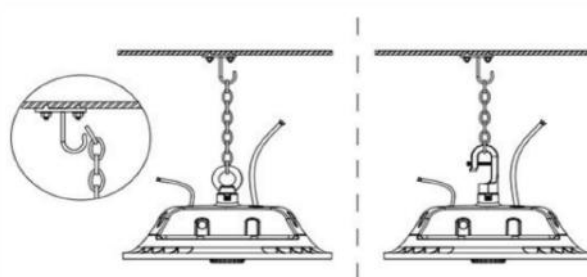
1. First fix the hook on the lamp (rotate clockwise) then connect the hook with the lock ring.



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

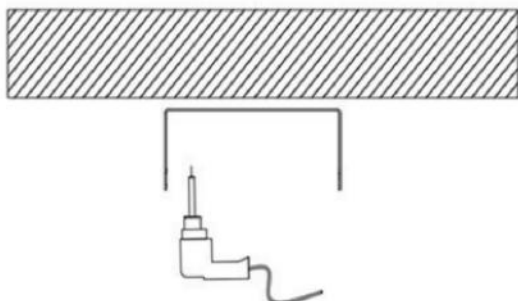


3. Fix the hanger on the wall with screws.

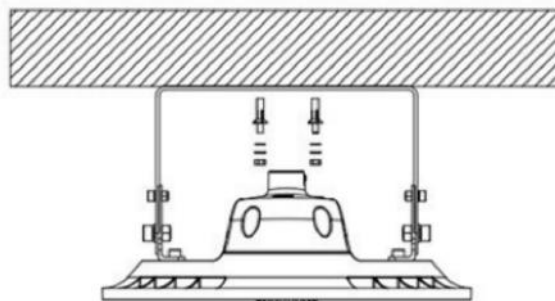


4. Fix one end of the chain to the wall, another end to the O hook from light, finish the installation.

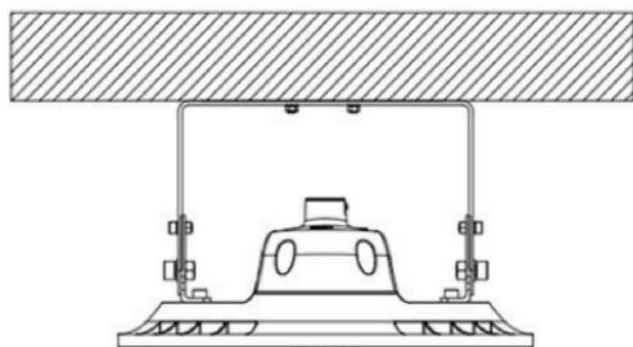
U Bracket:



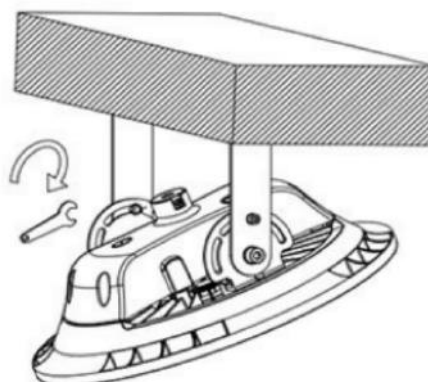
1. Use electric drill to bore a hole on the wall



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:** 113C2-310W-EXTERNAL DRIVER+109C2-BB-40W

PRODUCT TYPE	PRODUCT NAME	CCT	INPUT VOLTAGE	WATTAGE SELECTABLE	SPECIAL FEATURES	ADD ON
UFO HIGHBAY	113	C = 5000K	2 = 120-277V	310W = (240/280/310W)	EXTERNAL DRIVER ***** J-HOOK	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

**Emergency Battery Backup**

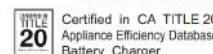


**Product Features:**

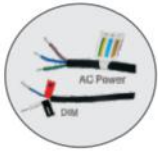
- Self-testing
- Constant output power
- High Output Voltage
- Battery: Over Temperature Protection
- Remote Test Switch: Distance for 98ft (This accessory is optional)
- Low energy consumption CEC Title20 compliance
- Listed to UL924 and tested to CSA C22.2 No. 141 Field or Factory Installation
- UL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



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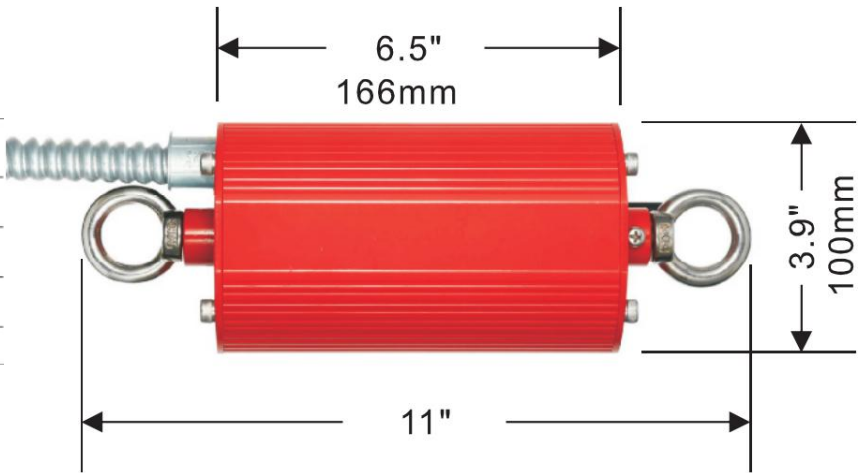
- Emergency output wire to led driver AC input



- 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**



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



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



- ( 1 ) pc of flex conduit 13"

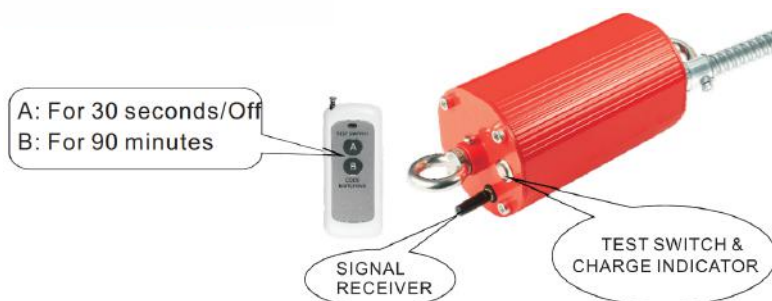


- ( 1 ) pc of remote

**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**



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**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:**

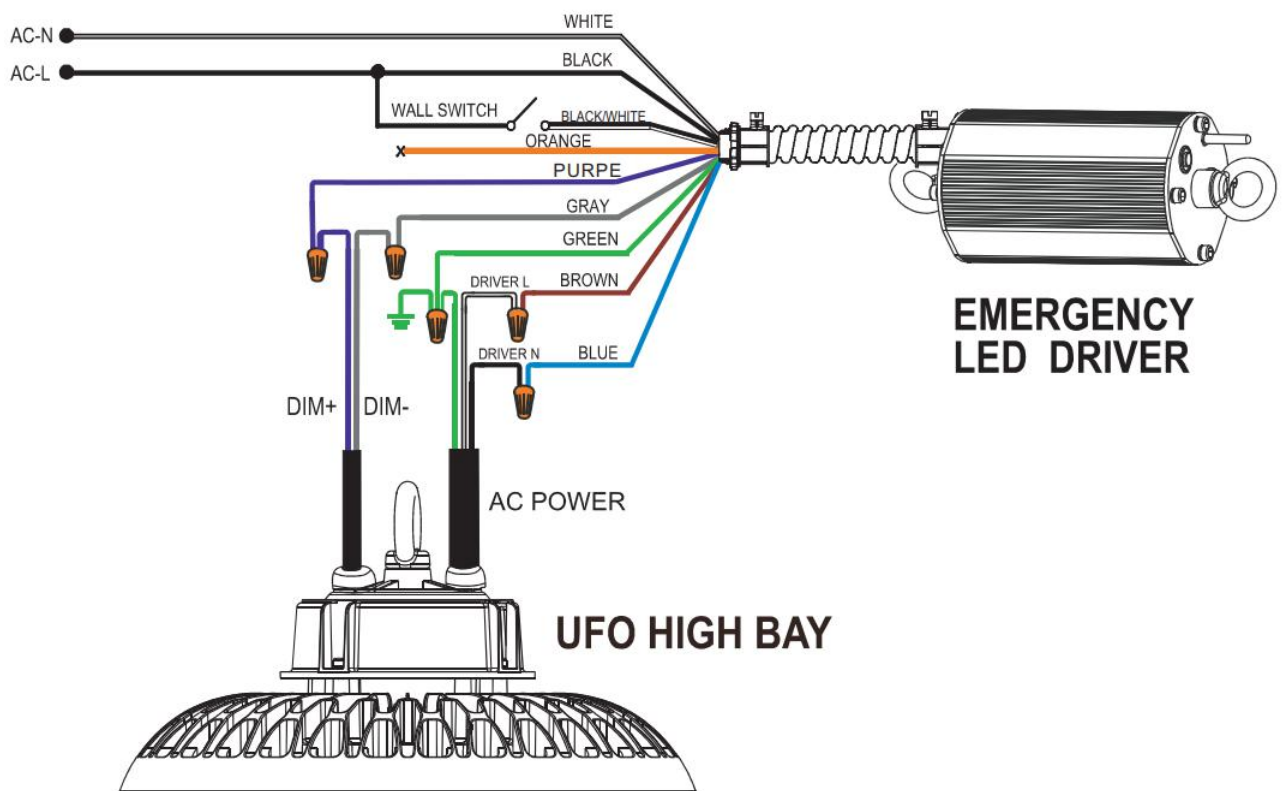
- In AC Operation, press the test switch or "A" on the remote test switch; the fixtures will switch to the emergency model for 30 seconds.
- In AC Operation, press "B" on the remote test switch; the fixtures will switch into emergency mode for 90 minutes.
- In an emergency operation, press "A" on the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

**Wiring Diagram**

**CAUTION:**

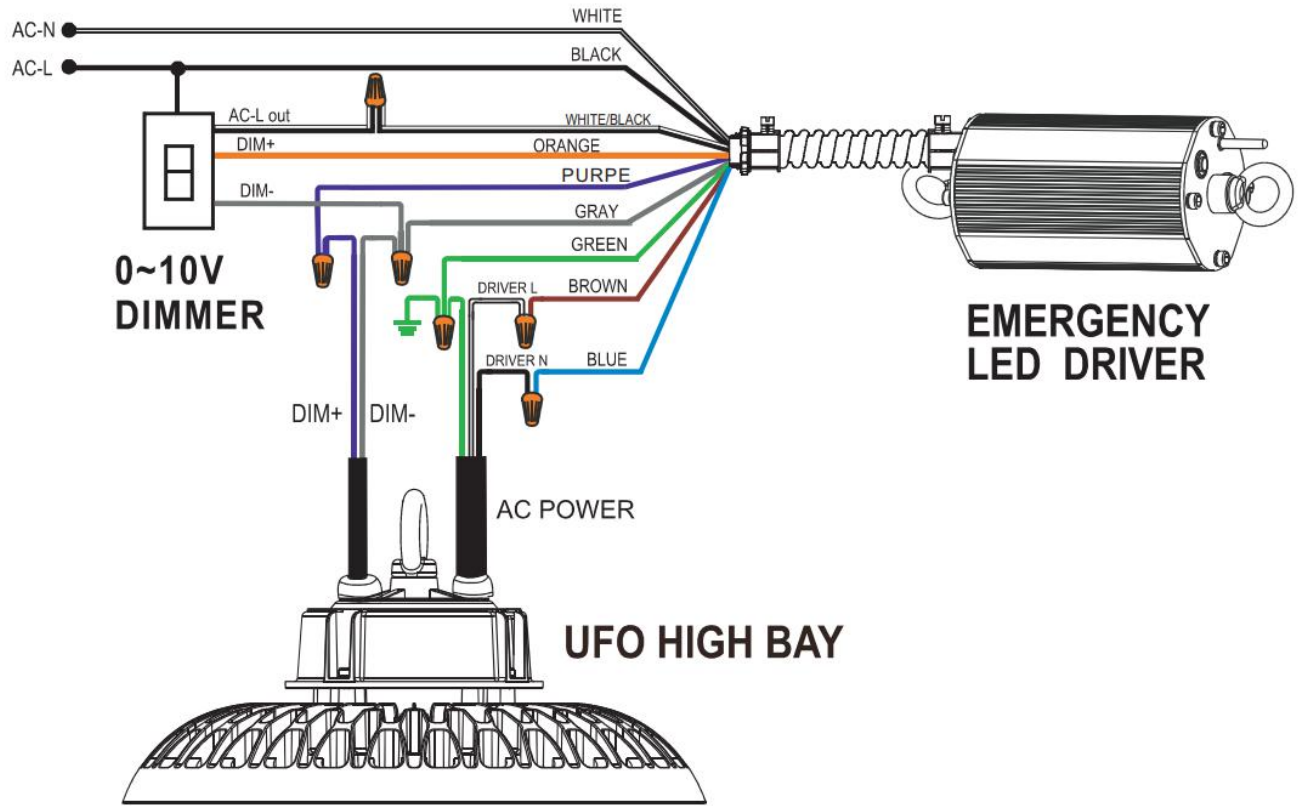
- During AC operation, remember no touch or remove any wires in case of electric shock.
- During emergency operation, before touching or disconnecting any of the wires, make sure press test switch or button "A" on remote test switch to turn off power.
- The voltage input to the dimmable wires(DIM+,DIM-) 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**

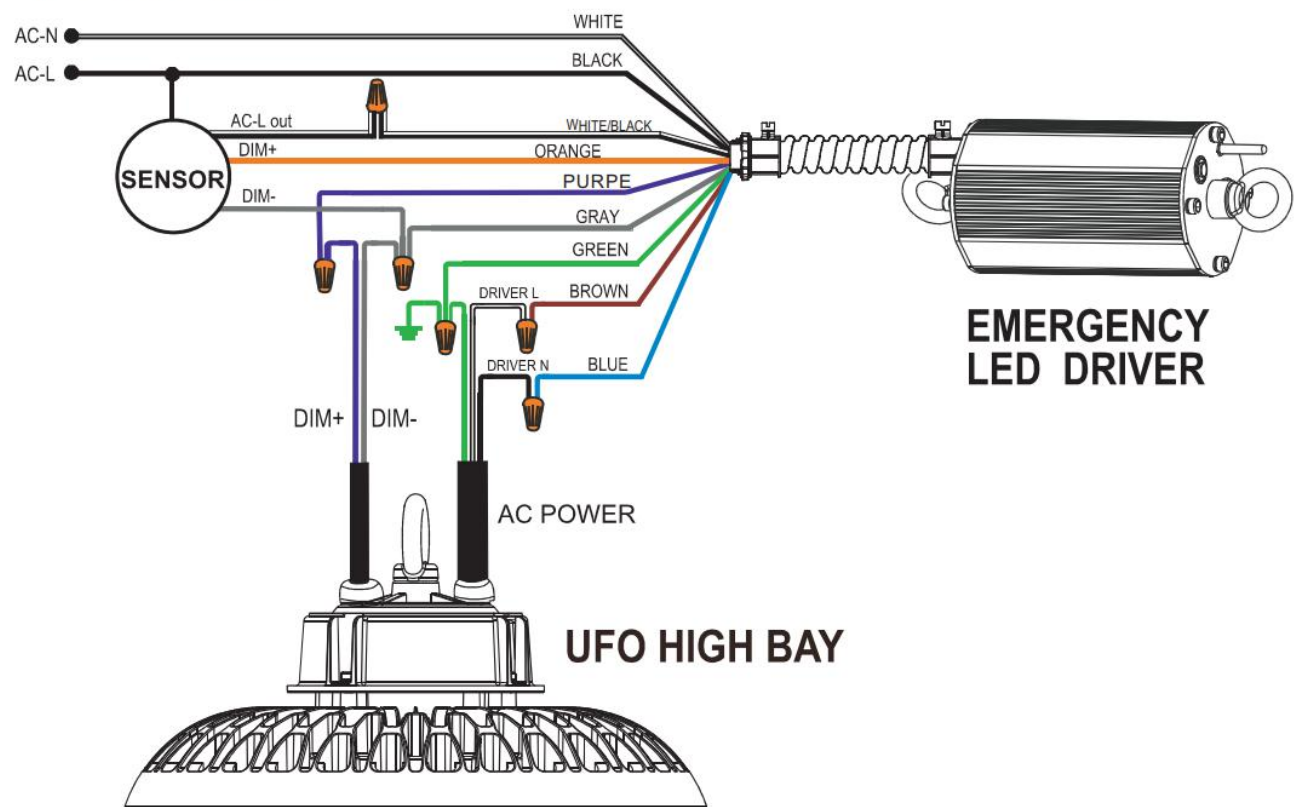


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### B) With Dimmer



### 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

