

**IMPORTANT**

**READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

This product must be installed by a certified electrician who is familiar with the construction and operation of the luminaire and aware of the hazards involved. Installation must comply with the National Electrical Code (NEC), related regional standards, and all applicable local code requirements. Before installation, verify that all parts and any purchased accessories are included and that the fixture has not been damaged during shipping.

**WARNING – RISK OF ELECTRIC SHOCK**

- Disconnect power at the fuse or circuit breaker before installing, wiring, servicing, or performing any maintenance on this luminaire.
- Verify that the supply voltage matches the rating on the luminaire label before energizing.
- Proper grounding is required for safety.
- All wiring connections must be secured using UL-listed wire connectors.
- Do not use an electric generator to test the luminaire.
- If any smoke, spark, or abnormal condition is observed, disconnect power immediately and contact qualified service personnel.

**CAUTION – RISK OF INJURY**

- The luminaire may fall if not installed properly. Follow all installation instructions and ensure mounting hardware is adequately secured.
- Wear gloves and safety glasses when unpacking, installing, or servicing the luminaire.
- Avoid direct eye exposure to the light source when the luminaire is energized.

**CAUTION – RISK OF FIRE**

- Keep combustible materials and any items that can burn away from the luminaire,
- Use minimum 90°C rated supply conductors.
- Maintain adequate clearance around the luminaire for proper heat dissipation.

**NOTICE**

- Inspect the luminaire for any damage before installation. If damage is found, contact the manufacturer.
- Read all installation instructions completely before beginning installation.

**Wiring Diagram & Instruction:**

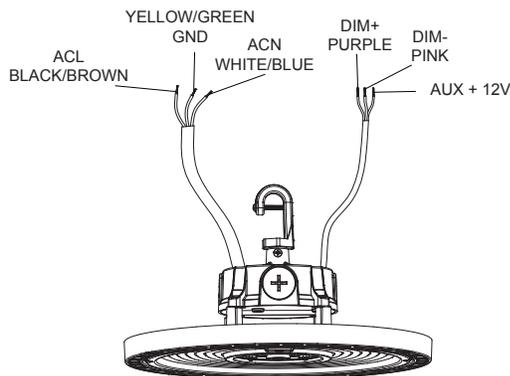
3 dimming functions are available in this high bay light:

1. Constant current can be achieved by 0-10V DC dimming;
2. PWM signal dimming;
3. Variation of resistance unit dimming.

<b>Description:</b> This product is 0/1-10V dimming, below dimmers are recommended:	
Brand	Model
LUTRON	NTSTV-DV
LEVITON	DS710-10Z / IP710
LEGRAND	RH4FBL3PW

**Wiring Instruction:**

ACL: Black/Brown, ACN: White/Blue,  $\perp$  Green/Yellow, DIM +: Purple, DIM -: Pink AUX: Black/White  
 (As for the wire color of DIM+ and DIM-, pls check the light label.)



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.

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

**A. Hanging Mount Using included metal Hook:**

- Step 1. Screw the hook into the fixture, tighten and fix it. (figure 1)
- Step 2. Hang the fixture on the ceiling hook or chain. (figure 2)
- Step 3. After installation, connect the wire of the fixture to the mains according to local wiring rules, ensure the connection is stable and make good protection on the connection.



Figure 1

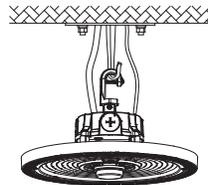


Figure 2

**B. Ceiling Mount (Yoke Mount Accessory Purchased Separately):**

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

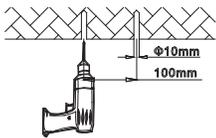


Figure 3

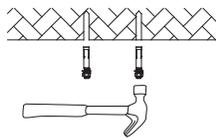


Figure 4

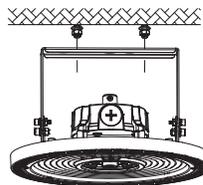


Figure 5

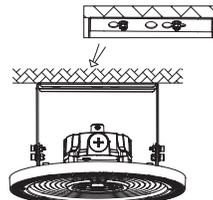


Figure 6

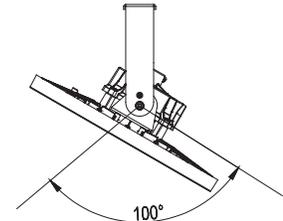


Figure 7

**C. 1/2"NPT Mount (Yoke Mount Accessory Purchased Separately):**

- Step 1. Unscrew the nuts on 1/2" NPT. (Figure 8)
- Step 2. Insert 1/2" NPT stem into the bracket hole. (Figure 9)
- Step 3. Re-screw the nuts. (Figure 10), After installation, connect the wire of the fixture to the mains according to local wiring rules, ensure the connection is stable and make good protection on the connection. By adjusting the brackets screws, users can adjust 50° to the left or right vertically.

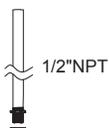


Figure 8



Figure 9

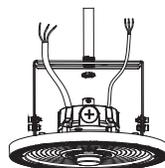
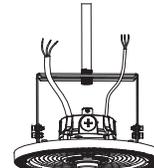


Figure 10



**Extra Accessory Option Installation: 1:Wire Guard, 2:Motion Sensor, 3: Aluminum reflector/PC reflector 4: Emergency Battery Backup**

**1. Wire Guard:** (Purchase the correct size wire guard from manufacturer)  
Place the wire guard on the lamp and fix it with screws. (Figure 11)

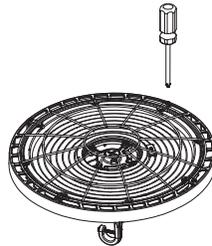


Figure 11

**2. Microwave or PIR Sensor** (Both sensors are with the same installation method)

Step 1. Use a screwdriver to remove the 1/2 plug from the sensor; (Figure 12)

Step 2. 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 13)



Figure 12

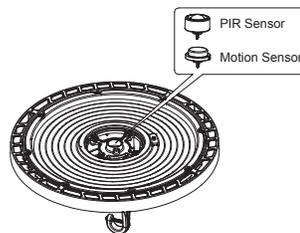


Figure 13

3.5mm base for:

- Standalone PIR or Microwave Sensor
- Bluetooth PIR Sensor

All Sensors are sold as accessories

**3: Aluminum reflector / PC reflector**

Step 1. Lock the PC reflector or Aluminum reflector to the lamp with screws.

Step 2. Installation complete. (Figure 14)

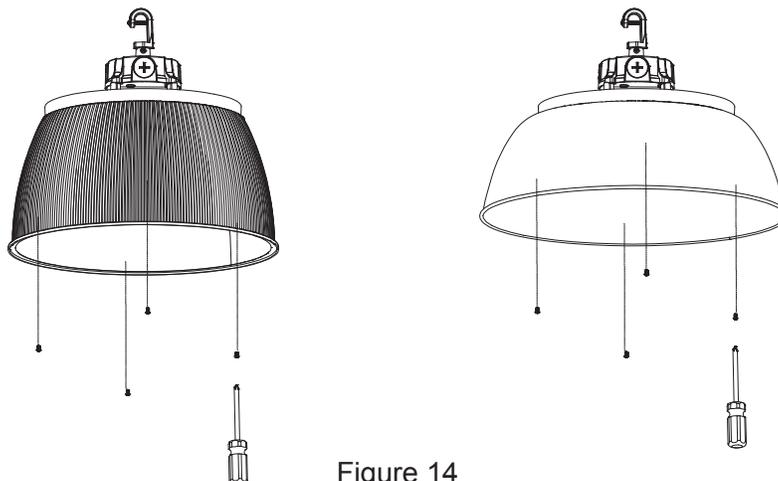


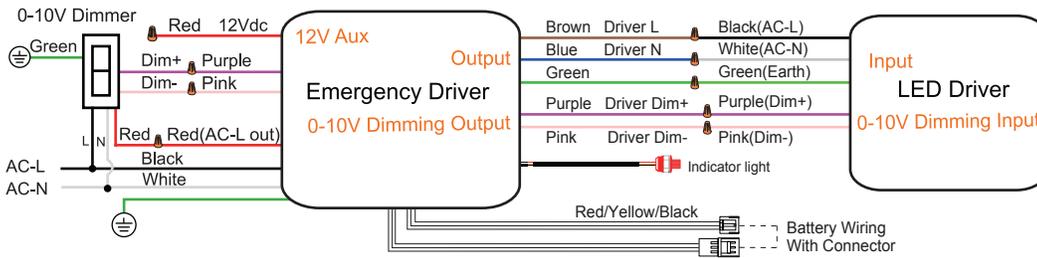
Figure 14

## 4. Emergency Battery Backup 30W (Sold Separately)

### Wiring Diagrams

#### 1 With Dimmer

For UFO LED Highbay  $\leq 300W$  and have 0-10V dimming function



#### IMPORTANT

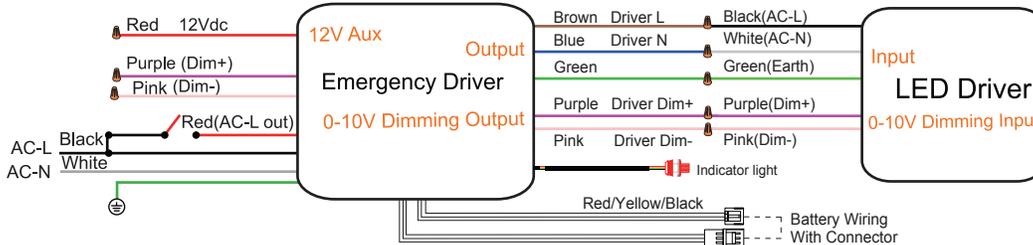
Emergency driver 0-10V dimming wires must be connected to UFO LED driver dimming wires for EM to function properly. will NOT operate if not connected.

#### RECOMMENDATION:

Emergency Output Power  $\geq 20\%$  Output Power of UFO LED High Bay

#### 2 With Wall Switch(Without Dimmer)

For UFO LED Highbay  $\leq 300W$  and have 0-10V dimming function



#### IMPORTANT

Emergency driver 0-10V dimming wires must be connected to UFO LED driver dimming wires for EM to function properly. will NOT operate if not connected.

#### RECOMMENDATION:

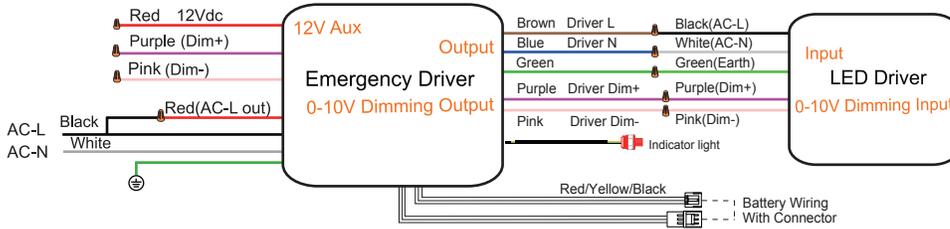
Emergency Output Power  $\geq 20\%$  Output Power of UFO LED High Bay

## 4. Emergency Battery Backup 30W (Sold Separately)

### Wiring Diagrams

#### 3 Without Wall Switch & Dimmer, 24hours lighting

For UFO LED Highbay ≤ 300W and have 0-10V dimming function



**IMPORTANT**

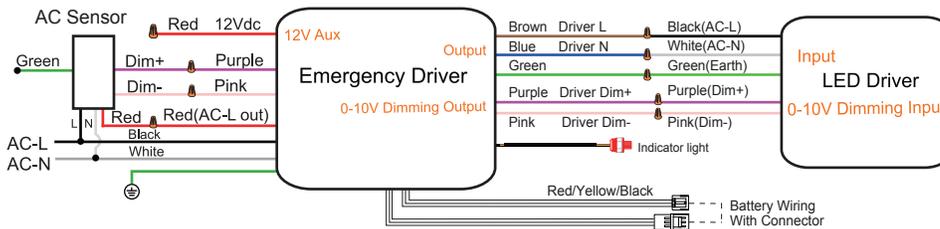
Emergency driver 0-10V dimming wires must be connected to UFO LED driver dimming wires for EM to function properly. will NOT operate if not connected.

**RECOMMENDATION:**

Emergency Output Power ≥ 20% Output Power of UFO LED High Bay

#### 4 With Sensor (100-277/347V AC)

For UFO LED Highbay ≤ 300W and have 0-10V dimming function



**IMPORTANT**

Emergency driver 0-10V dimming wires must be connected to UFO LED driver dimming wires for EM to function properly. will NOT operate if not connected.

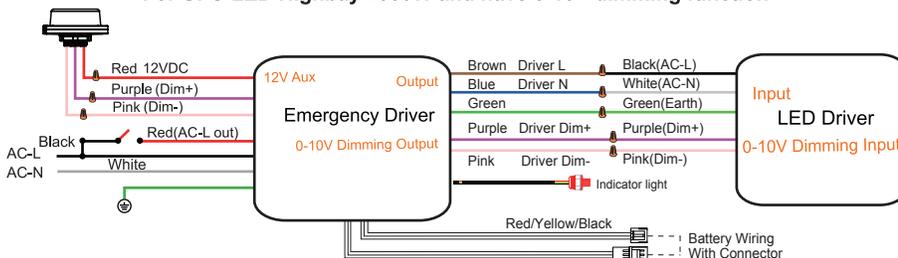
**RECOMMENDATION:**

Emergency Output Power ≥ 20% Output Power of UFO LED High Bay

#### 5 With 12VDC Sensor

(The current is less than 30mA, and 12Vdc sensor must connect to emergency LED driver's 12Vdc wire, can't connect to UFO LED driver's 12Vdc wire. Please plug in the DC12V sensor before connecting to the mains.)

For UFO LED Highbay ≤ 300W and have 0-10V dimming function



**IMPORTANT**

Emergency driver 0-10V dimming wires must be connected to UFO LED driver dimming wires for EM to function properly. will NOT operate if not connected.

**RECOMMENDATION:**

Emergency Output Power ≥ 20% Output Power of UFO LED High Bay

**Safety cable:**

Step 1. Fix the safety rope on the lamp body with screws. (Figure 15)

Step 2. Fix the safety buckle on the rail, until the installation is finished.

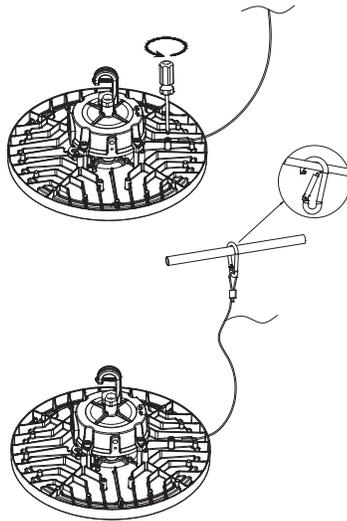


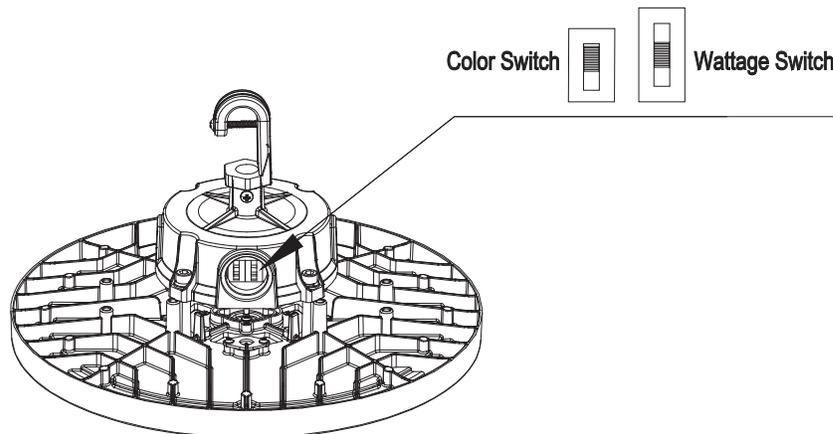
Figure 15

**Optional Function:**

This fixture is designed with integrated function of 2 CCT tunable, 3 wattage adjustable, and the settings can be customized.

Operation: Remove the plug, adjust the switches as indicated to select the desired CCT, wattage or Then screw the plug back after finished setting.

The original settings can be the factory default settings or be customized.



Power Cord with Plug (Made-to-Order Option) Available upon request. Lead times may vary