



## EV-LED-RETRO-200W

LED Retro-Fit KIT for 1000W MH e39 Lamp UL Approved

## INSTALLATION INSTRUCTIONS FOR LED RETROFIT KITS

### Installation by “L bracket”:

1. Mount the LED head to the U bracket as below.



2. Turn off all power to the fixture. Remove bulb and existing ballast or cut the wires to the ballast and bypass it.

3. For Longest Life & Keeping the LED Head & Driver cool - **PERMANENTLY REMOVE THE FIXTURE'S REFLECTOR. RETROFIT WARRANTY IS VOID IF THE FIXTURE'S REFLECTOR IS NOT REMOVED.**



4. **Wipe excess dust from inside the fixture.** Clean the fixture's glass if dirty.

5. Mount the L bracket to the fixture, where the existing socket is mounted.

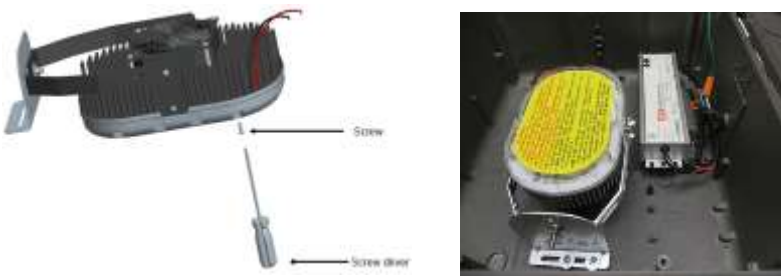


6. Mount the U bracket to the L bracket.

7. Fix the Secure cord on the other side of LED head to the fixture by screw as below.

8. Adjust the retrofit head angle and position so that it provides the best lighting.

9. Remove the PC cover on LED head. The PC cover is only meant to protect the LEDs during transportation and installation.



10. BE SURE THAT NOTHING WILL TOUCH OR FALL INTO THE FAN BLADES AFTER THE FIXTURE IS MOUNTED.

### Installation by “Flat mounting plate”:

A “flat mounting plate” is also provided. The “flat mounting plate” could be used instead of the “L bracket” above. See pictures below for reference.





## Wiring:

1. Install the LED driver in place of the ballast. Wire the input source to the LED driver. The proper AC input connections to the driver are marked on the driver. There is a **Ground, ACN (Neutral) or BLUE Wire** (Same as USA White Neutral) and **ACL (Line) is Brown (Same as USA Black HOT)**
2. Attach the driver output to the input wires of the LED Head: **Connect Red Wire to Red Wire of the LED light**, and **Black Wire to Black wire of the light**. On the AC input attach the **brown wire to the AC Line (USA Black HOT)** and the **Blue wire to the AC Neutral (USA White Neutral)** and the **Green/Yellow wire to Ground**



**AC Input Side Brown to Line Blue To Neutral. DC Output Side Red and Black To Red and Black from LED Light**  
**Green is always to ground.**

3. Re-assemble remaining parts of the fixture and restore power.
4. Never dim a non-dimmable LED driver. Not intended for use with emergency exits.

