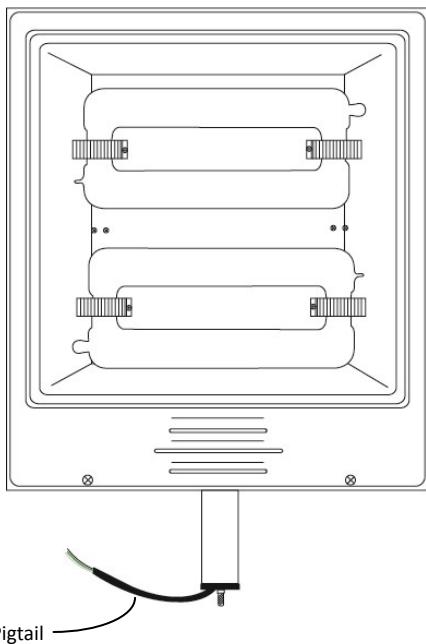




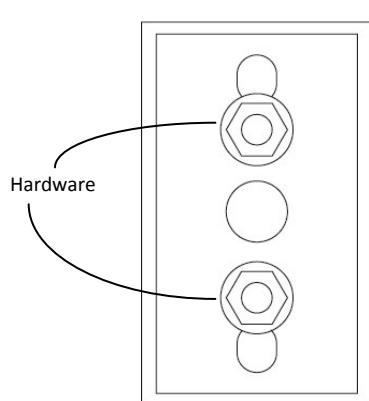
## ESB-ED-400w INSTALLATION INSTRUCTIONS

### Tools Required

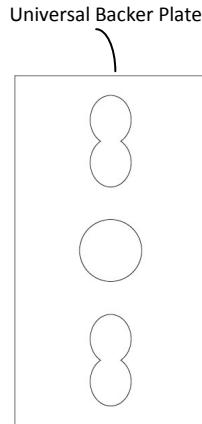
- Adjustable Wrench
- 14mm Socket Wrench
- Wire Strippers
- Wire Nuts
- Flat Head Screwdriver



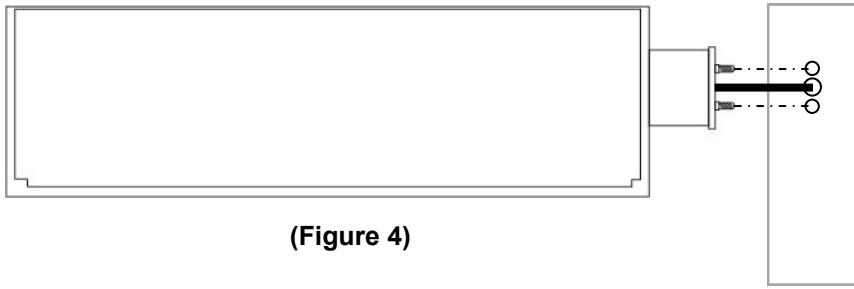
**(Figure 3)**



**(Figure 1)**



**(Figure 2)**



**(Figure 4)**

## **Fixture Mounting & Wiring**

1. Remove hardware (nuts, washers, lock washers) from threaded rod and retain **(Figure 1)**.
2. If desired, remove Universal Backer Plate **(Figure 2)** from mounting bracket and use to mark hole pattern on mounting pole, Replace Backer Plate onto mounting bracket before fixture installation.
3. Secure Supply Line to Pigtail on end of fixture **(Figure 3)**. –See *Wiring Diagrams on Page 2*.
4. Align fixture with the mounting position on pole; insert rods and pigtail through mounting holes **(Figure 4)**.
5. Replace washers, lock washers, and nuts; Use a 14mm socket or wrench to tighten nuts securing fixture to pole.



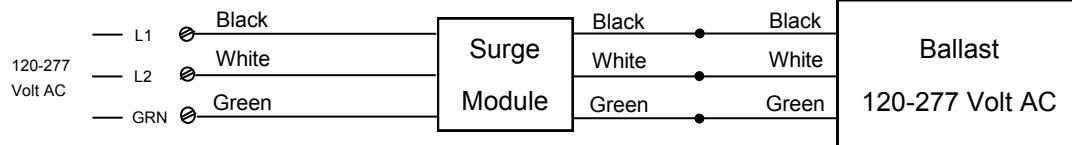
## CAUTIONS

1. The product shall be installed by a certified individual in compliance with installation code. To avoid the possibility of electrical shock, turn off power supply and allow lamp to cool before installation, replacement or repair.
2. Efficient and reliable grounding is a necessity for personal protection, as well as proper use of the electronic ballast in order to meet the national standard of EMC without interference to the equipment.
3. The luminaires shall be installed in an area with good ventilation, no corrosive gas, no combustible or explosive objects and with ambient temperatures ranging between -20°F to 122°F.
4. The supply voltage is variable between -10% and +10%. The supply voltage will influence the normal start and operation of lamp as well as damage the electronic ballast if outside this range.

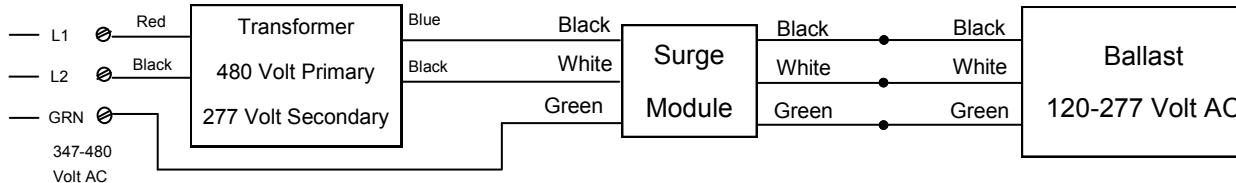
## Wiring Diagrams

**\*\*NOTE:** Fixtures are Equipped with two Lamps and two Ballasts/Surge Modules combined into one power pigtails.\*\*

### 120-277v Wiring



### \*347- 480v Wiring



**\*Attention must be given to the wiring between power supply and fixture.**

Wye 480V - Connect any two phase wires to the input of the terminal block.

Delta 480V - Special consideration, connect to ground referenced legs only.

Ungrounded - Not suitable for electronic systems & GE step down transformer.