ESBUS-EC INSTALLATION INSTRUCTIONS

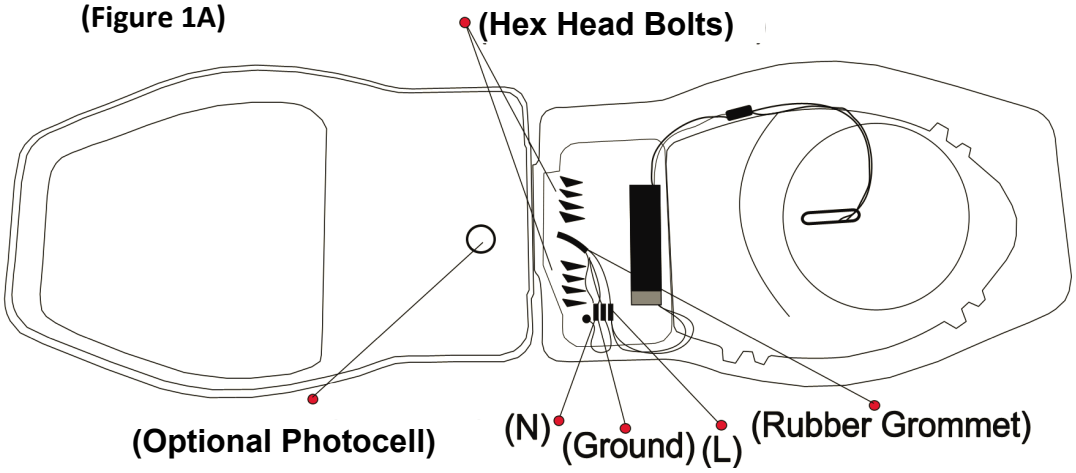
Tools Required

-T20 TORX Driver

-Adjustable Wrench

-Small Flat Head Screwdriver

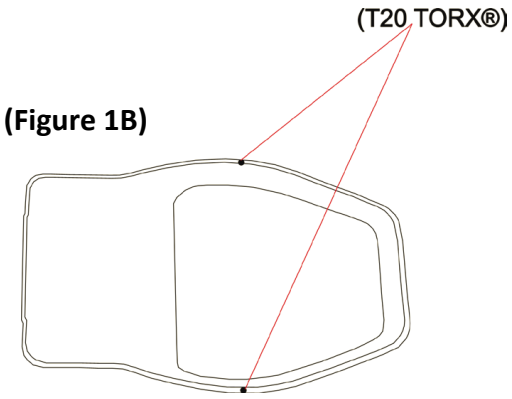
(Figure 1A)



Fixture Mounting

1. To open the fixture cover loosen the two TORX® head screws that are located on the middle of each side of the fixture using a T20 TORX® bit **(Figure 1B).**
2. Slide fixture onto mounting bracket while making sure the power wires are fed through the rubber grommet.
3. Place nuts on bolts and tighten securing the fixture to the mounting bracket.

(Figure 1B)



Electrical Wiring

1. Connect supply ground wire to **(G)** ground wire position of terminal block. Connect supply line conductor to **(L)** line wire position of terminal block. Connect supply neutral conductor to **(N)** Neutral wire position of terminal block **(Figure 2A & 2B)**.
2. Push excess wire into pole.
3. Close cover and tighten the six TORX® head screws that are located around the fixture using a T20 TORX® bit.

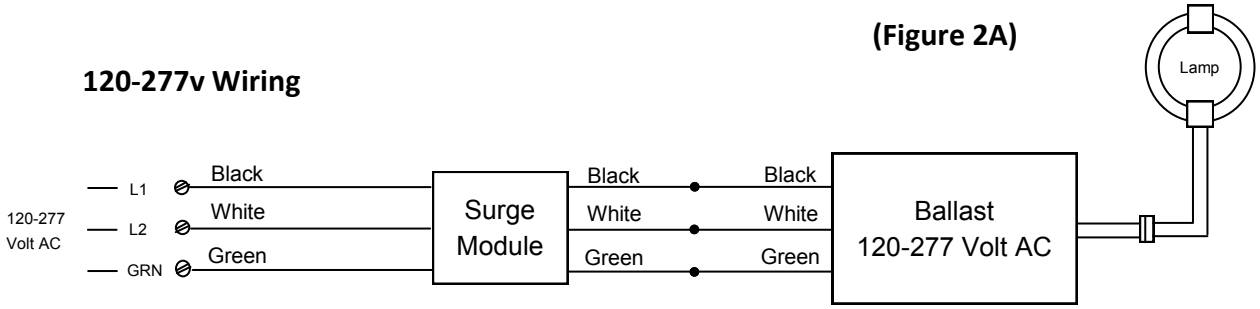
CAUTIONS

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.

Standard Wiring

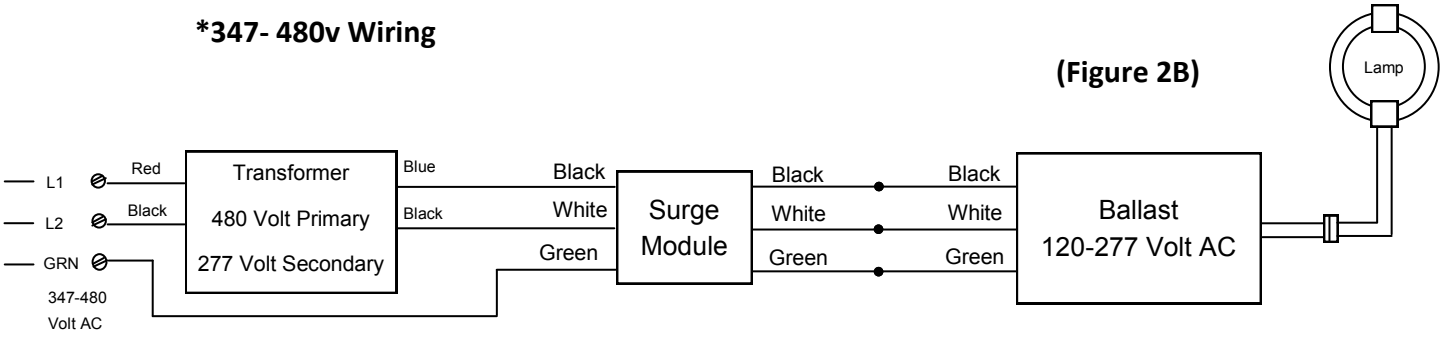
120-277v Wiring

(Figure 2A)



*347- 480v Wiring

(Figure 2B)



<u>*Attention must be given to the wiring between power supply and fixture.</u>

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

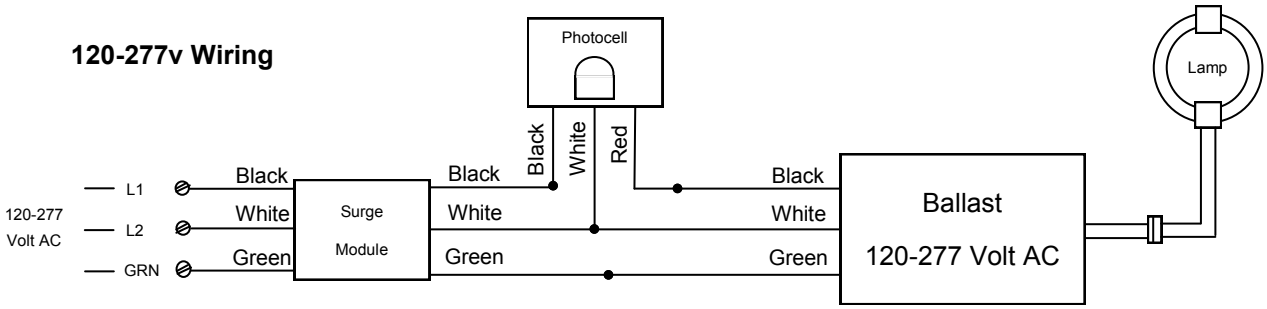
Delta 480V - Special consideration, connect to ground referenced legs only.

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

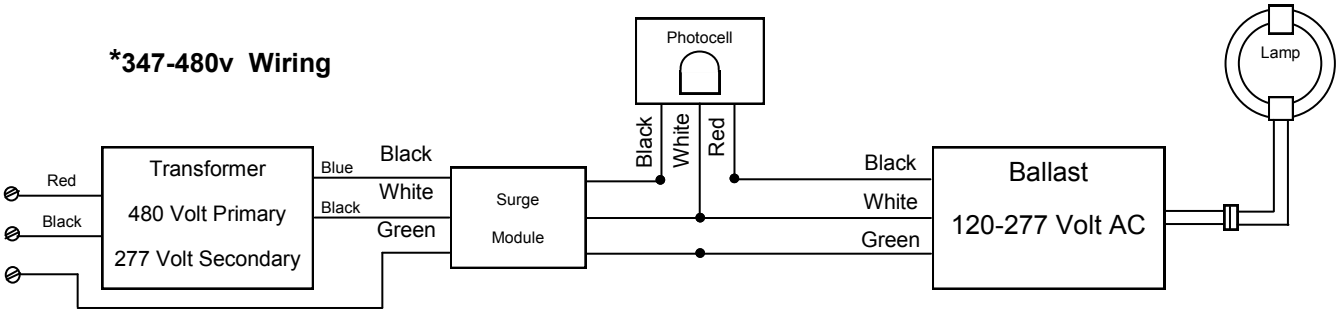
Photocell Applications

1. To remove photocell give it 1/4 turn counterclockwise pull and remove **(Figure 2A).**
2. Using a T20 TORX® bit, remove the two TORX® head screws holding the photocell receptacle in place.
3. Locate the N symbol on the receptacle representing north.
4. Rotate the receptacle 180° so the N points approximately North.
5. Once orientation of receptacle is complete, tighten screws from **Step 2**.

120-277v Wiring



***347-480v Wiring**



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

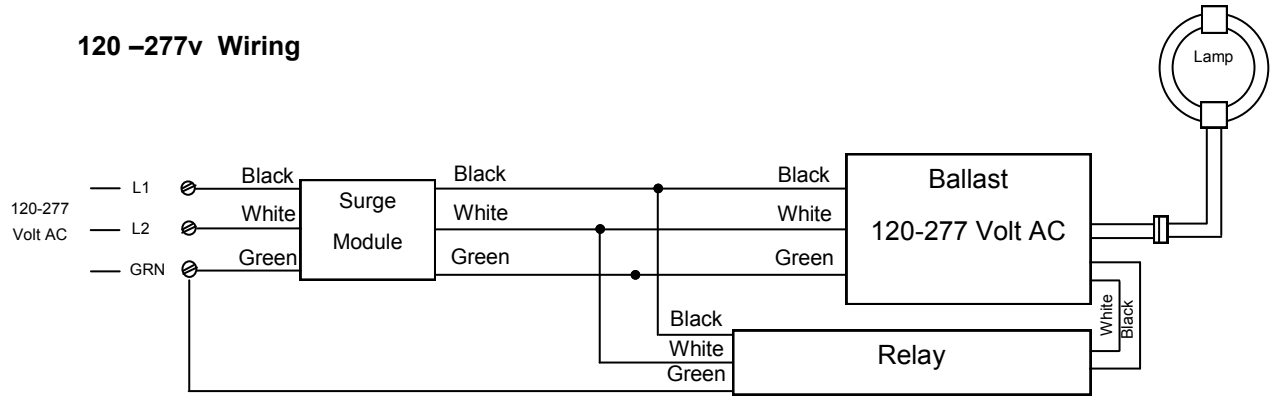
Wye 480V - Connect any two phase wires to the input of the terminal block.

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

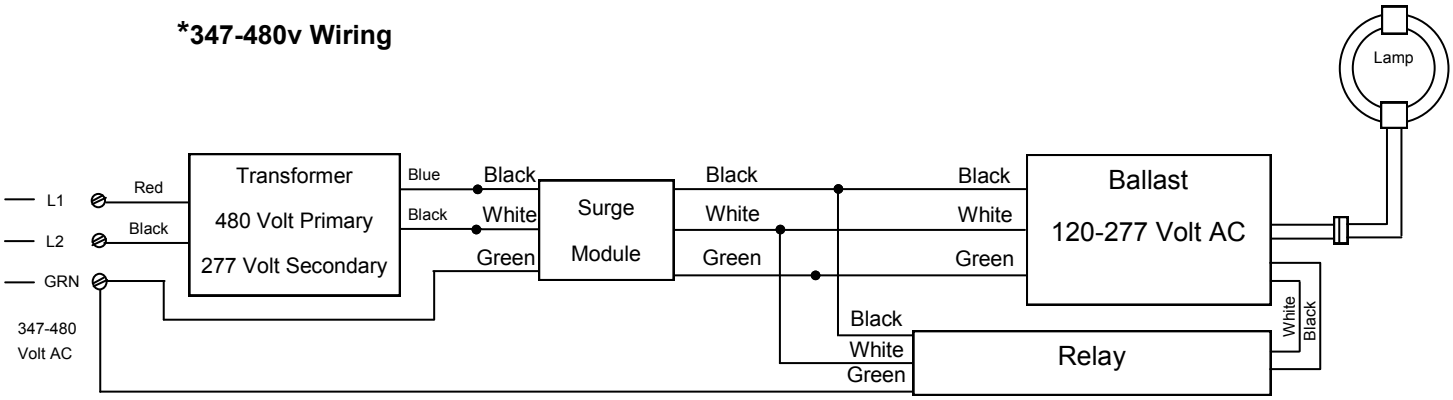
Ungrounded - Not suitable for electronic systems & GE step down transformer.

Bi-Level Applications

120 –277v Wiring



*347-480v Wiring



<u>*Attention must be given to the wiring between power supply and fixture.</u>

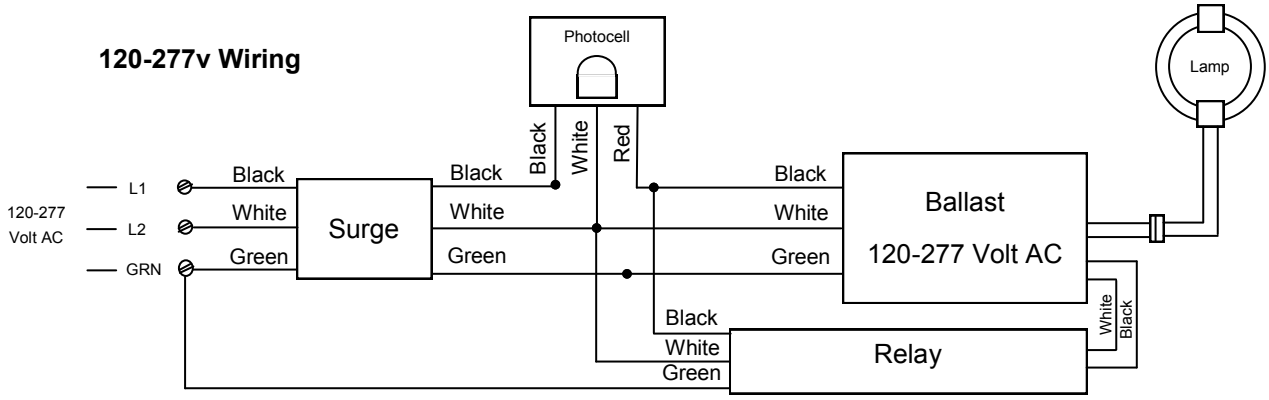
Wye 480V - Connect any two phase wires to the input of the terminal block.

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

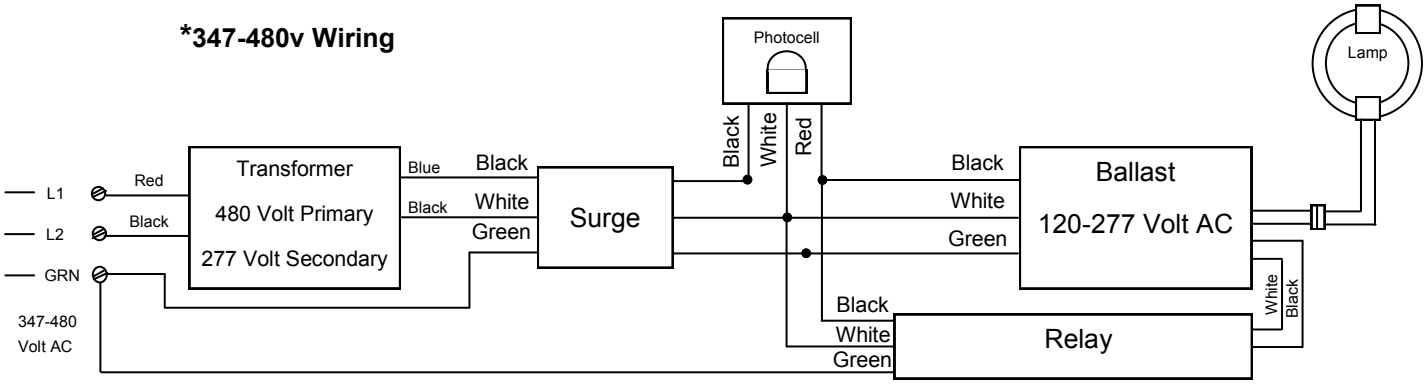
Ungrounded - Not suitable for electronic systems & GE step down transformer.

Bi-Level with Photocell Applications

120-277v Wiring



*347-480v Wiring



<u>*Attention must be given to the wiring between power supply and fixture.</u>

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.