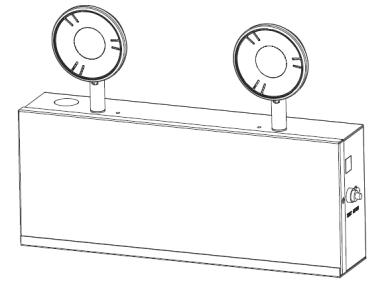


## INSTALLATION INSTRUCTIONS

### IMPORTANT SAFEGUARDS



#### Read & Follow All Safety Instructions

When using electrical equipment, basic safety precautions should always be followed:

1. Consult local building code for approved wiring and installation.
2. Disconnect AC power before servicing and installation.
3. Do not mount near gas or electric heaters.
4. Do not use outdoors.
5. Do not use this equipment for anything other than its intended use.
6. The use of accessory equipment not recommended by Beghelli may cause an unsafe condition, and will void the unit's warranty.
7. Equipment should be mounted in locations and at heights where it will not be subject to tampering by unauthorized personnel.
8. Servicing of this equipment should be performed by qualified service personnel.
9. Use caution when servicing batteries.
10. Cap unused wires with enclosed wire nuts or other approved method.
11. Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

#### SAVE THESE INSTRUCTIONS!

**INSTALLATION (CAUTION:** The battery in this unit may not be fully charged. After electricity is connected to the unit, let battery charge for at least 24 hours before normal operation of this unit should take effect. To check, press the TEST button. The lamps on the unit should turn on.)

1. Remove the front cover. When required, remove battery to access J-Box mounting holes.
2. Mount the equipment securely in place on the wall. Two additional 'Key Hole' mounting holes are located at the top of the unit housing in addition to the 'J-Box' mounting holes. These '2' additional mounting slot holes must be used when the unit is mounted to the wall. Additional chain support may be required by local codes. Chain hook holes are provided at each end of the enclosure.
3. Extend AC supply of rated voltage to the equipment, which is furnished with a dual voltage (120/277V) field selectable input. Connect unit to utility power using an approved connector. For 120V supply connect the line wire to the **Black** lead and for 277V supply connect the line wire to the **Orange** lead. Connect neutral wire to the **White** lead. The Ground wire (**Green** lead) needs to be connected in accordance with the local codes. DO NOT energize the circuit at this time.  
**CAUTION:** Insulate the unused **Black** or **Orange** wire. Failure to do so may cause an unsafe condition.
4. If remote fixtures are to be connected to the equipment, extend the remote circuit in accordance with Article 700 and 720 of the National Electric Code (NEC) and connect to the **Yellow** and **Blue** leads coming out of the unit.  
**CAUTION:** The minimum wire size required by the NEC is 12 gauge copper or equivalent. Your installation may require larger sized wire to ensure that the voltage drop DOES NOT exceed 5%. Do not exceed the total output rating of the equipment including any additional mounted heads.
5. Install and connect the battery. (See WIRING DIAGRAM instructions on Page 3)
6. Energize the unit with AC supply. The charge indicator will illuminate.
7. Replace the unit cover.
8. Adjust and focus the lighting heads as required.

## INSTALLATION INSTRUCTIONS

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### TESTING

National Electric Code (NEC) and NFPA life safety code regulations require that routine tests need to be performed as listed below. Once every month, the unit needs to be tested for duration of 30 seconds. Push in and hold the test switch to perform this test. Once every 12 months, a full 90-minute test (per UL requirements) needs to be performed on the unit. Disconnect power to the unit and leave it in the emergency mode. The lamps should stay ON for at least 90 minutes.

### TROUBLESHOOTING

#### Condition - The emergency lights do not operate

1. If the charge indicator light is OFF - Check that the circuit breaker for AC supply is ON.
2. If the charge light is ON: - Check that the battery is properly connected. If problem persists, replace battery.
  - If remote lamps are connected to the equipment, then turn OFF the AC supply and disconnect the remote circuit wires from the equipment. Turn ON the AC supply and depress the test switch. If the local lamps (mounted on the equipment itself) come ON, then check the remote circuit for short or overload condition and correct as required. Reconnect the circuit wires and restore AC power. If the local lamps don't turn ON after disconnecting the remote circuit wires, then replace battery.

#### Condition - Emergency lights are dim

1. Implies battery might not be fully charged. Allow battery to recharge for 24 hours and then re-test. If lights are still dim, replace the battery.

**NOTE:** Please contact factory for help with any other issue.

### OPERATION

1. Apply AC power to the unit. The LED indicator should turn **Green**. If it shows **Red**, then it implies that the battery is disconnected or needs to be replaced.
2. After the battery has been left to charge for 24 hour, test the unit by pressing the switch. The LED indicator turns OFF and the lamps on the unit turn ON.
3. When the switch is released, the lamps turn OFF and the LED indicator turns **Green**.

### MAINTENANCE

**CAUTION:** Always turn OFF AC power to the equipment before servicing. Servicing should be performed only by a qualified service technician. Use only Beghelli supplied replacement parts.

**BATTERY:** The battery supplied with this unit requires ZERO maintenance. However it should be tested periodically (see TESTING section) and replaced when it no longer operates the connected fixtures for the complete duration of a 30-second or 90-minute test. It has a life expectancy of 5-7 yrs when used in a normal ambient temperature of 72°F.

**OTHER:** Clean lenses and/or replace lamps as and when required.

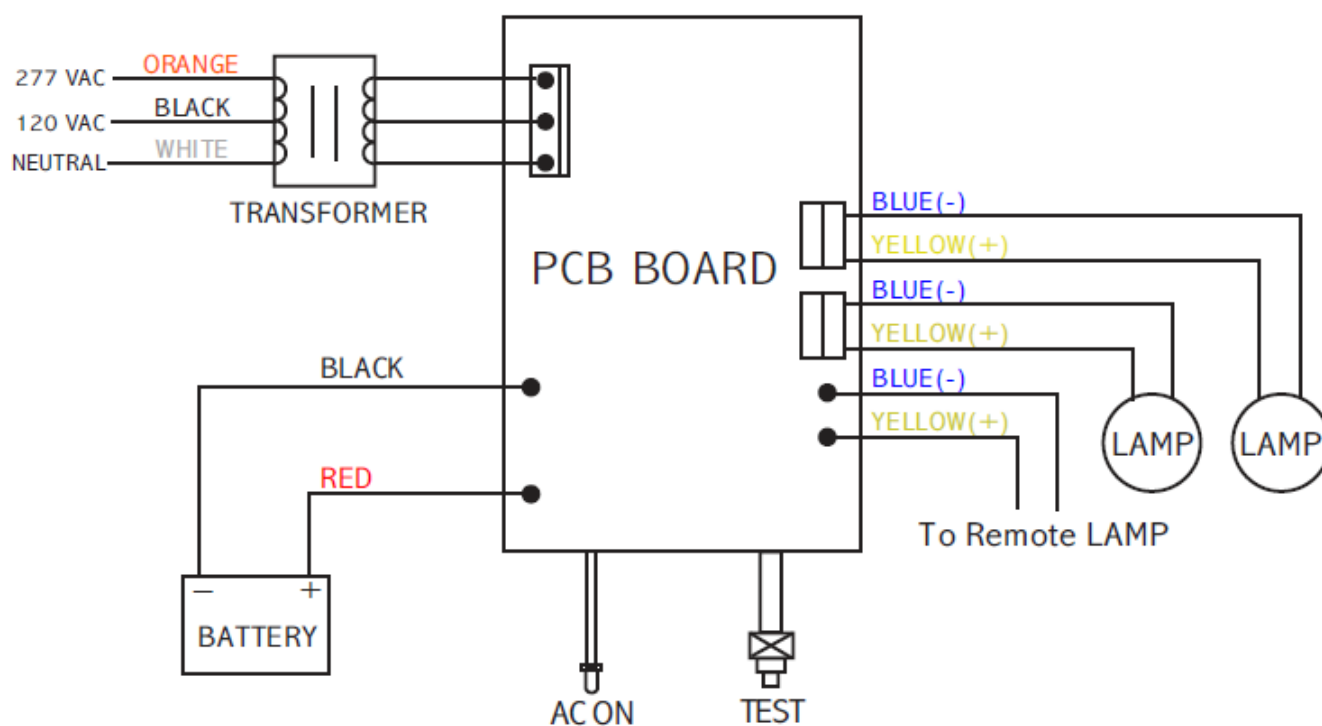
**NOTE:** UL recommended maximum mounting height is 36-ft.

## INSTALLATION INSTRUCTIONS

### WIRING DIAGRAM

1. Connect battery by connecting the **RED** (+) lead from the PC board assembly to the positive (+) terminal on the battery. Connect the **BLACK** (-) lead from the PC board assembly to the negative (-) terminal on the battery.

**CAUTION:** Observe polarity. Failure to connect the battery properly will result in equipment failure and an unsafe condition. **NOTE:** The emergency lights will NOT come on at this time.



**CAUTION: DO NOT** connect **Yellow** and **Blue** remote leads together. Please ensure remote head positive lead (+) is connected to exit/emergency light **Yellow** lead (+) and remote head negative lead (-) and remote head negative lead (-) is connected to exit/emergency light **Blue** lead (-).