
INSTRUCTIONS

IMPORTANT SAFEGUARDS

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

- 1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
 2. Disconnect power before performing work on electrical equipment.
 3. Do not use outdoors.
 4. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush with fresh water and contact a physician immediately.
 5. Equipment should be mounted in locations and at heights where unauthorized personnel will not readily subject it to tampering.
 6. The use of accessory equipment not recommended by BeLuce Canada Inc. as it may cause an unsafe condition, and will void the unit's warranty.
 7. Do not use this equipment for other than its intended purpose.
 8. Servicing of this equipment should be performed by qualified service personnel.
 - 9. SAVE THESE INSTRUCTIONS!**
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INSTALLATION

WALL MOUNT - SINGLE FACE (See Figure 1):

1. Extend unswitched 24 hour AC supply of rated voltage to junction box or appropriate wiring (supplied by others). Leave at least eight (8) inches of slack wire. The circuit should not be energized at this time.
2. Disassemble the exit sign if necessary by removing the four (4) tamperproof screws (one in each corner) on the front cover / faceplate (Figure 1).
3. Remove the steel faceplate cover as well as the Lexan shield and exit stencil that holds it in place.
4. Knockout the appropriate mounting pattern on back plate and wire pass-thru hole to fit junction box or wiring connector being used (supplied by others).
5. Bring wires through the back of the sign and mount the exit securely in place. Screw directly to junction box if possible.
6. Connect AC supply per diagram provided (Figure 4). Insulate unused wire!
CAUTION! - Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.
7. Route wires and secure them in place.
8. Peel the backing off the double sided tape from inside the cover. Select the pictogram, align and stick to inside of the cover.
9. Replace Lexan shield and cover with the steel faceplate and secure with the four (4) supplied tamperproof screws.
10. Turn on the AC voltage supply.

CEILING/END MOUNT - SINGLE OR DOUBLE FACE (See Figure 2 or 3):

1. Canopy is factory installed for these mounting configurations.
 2. Follow steps 1 to 3 of Wall Mounting instructions above. If internal exit wiring is not already pulled through the pass-thru hole in the exit canopy then feed the exit wires out.
 3. Follow steps 6 to 10 on Wall Mounting instructions.
 4. Secure exit sign to wall or ceiling using two (2) appropriate sized screws through the mounting holes provided on the canopy (Figures 2 or 3). If possible mount directly to the electrical junction box. Four (4) additional mounting holes are provided in each corner of the canopy. It is strongly recommended that additional screws or mounting holes are provided in each corner of the canopy. It is strongly recommended that additional screws or mounting hardware be used to secure the exit through these 4 holes.
 5. Turn on the AC voltage supply.
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SELF-POWERED:

1. For models FR-SP, plug the battery into the circuit board per (Figure 4) self-powered sign.

Figure 1

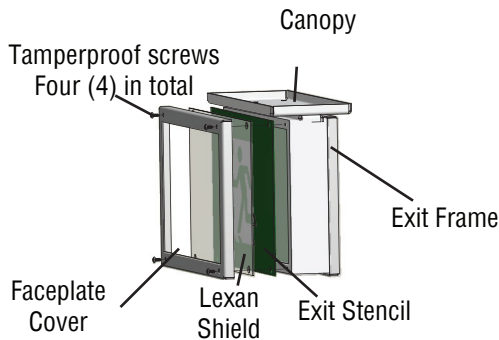


Figure 2

Ceiling Mount



Mount Canopy to Junction Box in Ceiling Using Centre Holes

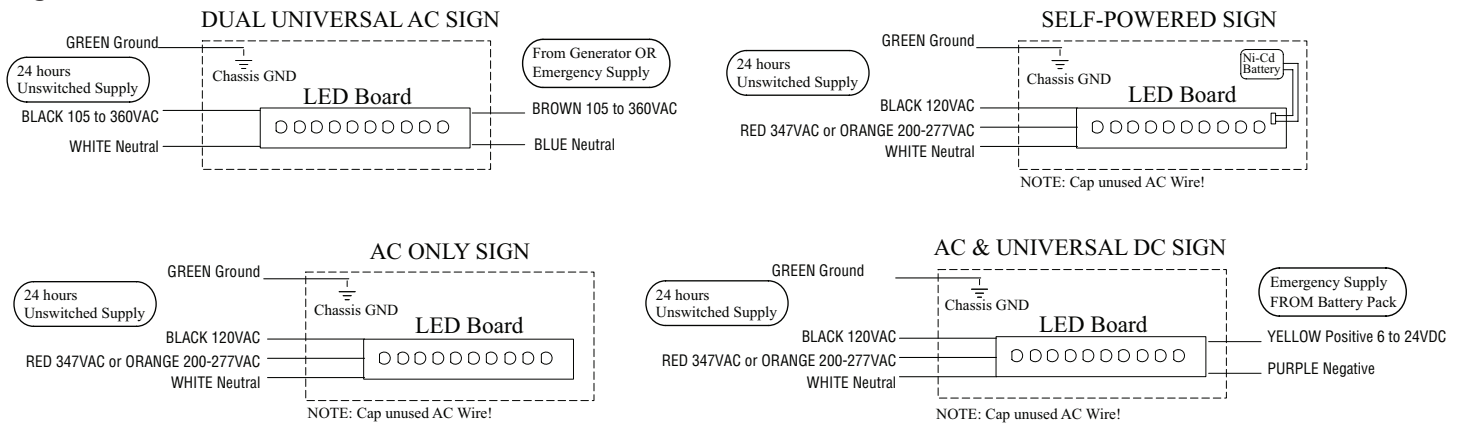
Figure 3

End Mount



Mount Canopy to Junction Box in Wall Using Centre Holes

Figure 4



MAINTENANCE

1. Code requires that the equipment be tested every 30 days for 30 seconds, and that written records be maintained. Further, the equipment is to be tested once a year for 90 minutes duration as per Code. The equipment is to be repaired whenever the equipment fails to operate as intended during the duration test. Written records of test results and any repairs made must be maintained. BeLuce Canada Inc. strongly recommends compliance with all Code requirements.
2. The lamps listed herein when used according to the instructions with this unit are in accordance with the requirements of CSA Standard C22.2, No. 141 – Unit Equipment for Emergency Lighting.
3. Clean exit face(s) on a regular basis.

NOTE: The servicing of any parts should be performed by qualified service personnel only. The use of replacement parts not furnished by BeLuce Canada Inc., may cause equipment failure and will void the warranty.

TROUBLESHOOTING

IF THE EMERGENCY LIGHTING FIXTURE IS EXPERIENCING ONE OF THE FOLLOWING PROBLEMS:

- The LED indicator is off or displaying the wrong status.
- The LED strip is on during AC power, but there is no emergency backup function.
- The LED strip is on, but the battery is not charging (battery voltage is low).

PERFORM A HARD RESET ON THE BATTERY AND CHARGER BOARD Steps to Perform a Hard Reset:

1. **Disconnect AC Power:** Turn off the AC power supply to the emergency lighting fixture.
2. **Unplug the Battery:** Safely disconnect the battery pack from the charger board.
3. **Wait for 10 Seconds:** Allow the system to completely discharge by waiting a minimum of 10 seconds.
4. **Reconnect Power:** Plug the battery pack back into the charger board.
5. **Restore the AC power** to the fixture.
6. **Verify the Reset:**
 - I. Check that the LED indicator is functioning correctly.
 - II. Ensure that the battery is charging and the emergency backup function is operational.

NOTE: If the issue persists after performing the hard reset, further inspection of the fixture or professional assistance may be required.

SAVE THESE INSTRUCTIONS

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