
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.
 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., 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

1. Extend 24 hour AC supply of rated voltage (see product label) to an electrical box. Leave at least eight (8) inches of slack wire. The circuit should not be energized at this time - do not energize the AC supply until indicated.
2. Remove the cover/exit assembly by grasping the backbox and pulling the cover away to expose the two (2) tension springs (*Figure 1*). Unhook the springs from the tabs inside the backbox to remove the cover/exit assembly (*Figure 2 & 3*).
3. The sign may be either recessed wall or surface ceiling mounted. Remove the appropriate wire pass-thru hole from the back, top or end of the backbox enclosure. **NOTE:** Wall mounted fixtures have an exit faceplate with a 90 degree bend.
4. Use backbox the mark mounting position on wall or ceiling and cut hole for backbox.
5. Either attach the electrical box directly to the backbox or extend the AC supply to the backbox enclosure.
 - a) Direct Attachment: If attaching the electrical box directly, knockout the appropriate holes in the backbox, pass thru all wiring and then attached electrical box with appropriate screws (supplied by others).
 - b) Extend Wiring: If connecting the AC supply to a nearby electrical box, extend the wiring to the backbox and feed the supply circuit wiring through the wire pass hole. Use an approved connector to fasten the AC supply to the enclosure backbox.
6. Place the backbox enclosure into the final mounting position.
 - a) Install the two T-Bar adjusting brackets to the back box using the nuts and screw supplied.
 - b) Adjust the bracket position to compensate for ceiling thickness.
Note: T-Bar is designed to span 24" tile width. Adjusting brackets can be installed either on the side or end of the back box to change orientation.
7. Secure the backbox into place.
8. Hold the cover/exit assembly upto the installed backbox and hook one of the tension springs into one of the internal tabs (*Figure 2 & 3*).
9. 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.
10. Hook the other tension spring into the remaining tab and push the assembly back up into the housing until secure.
11. Energize power to fixture. The LEDs board inside will light and the EXIT faceplate will now be illuminated.

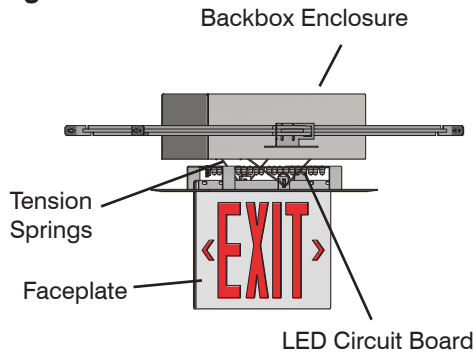
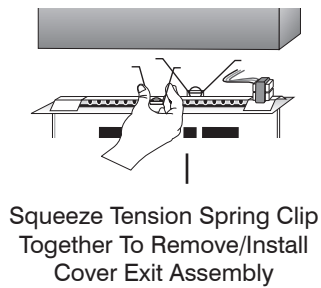
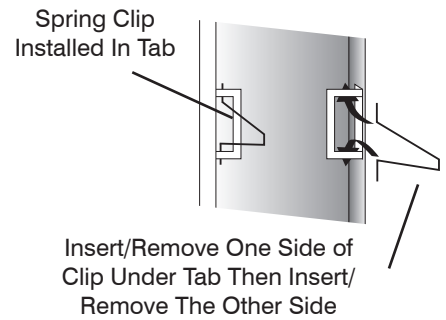
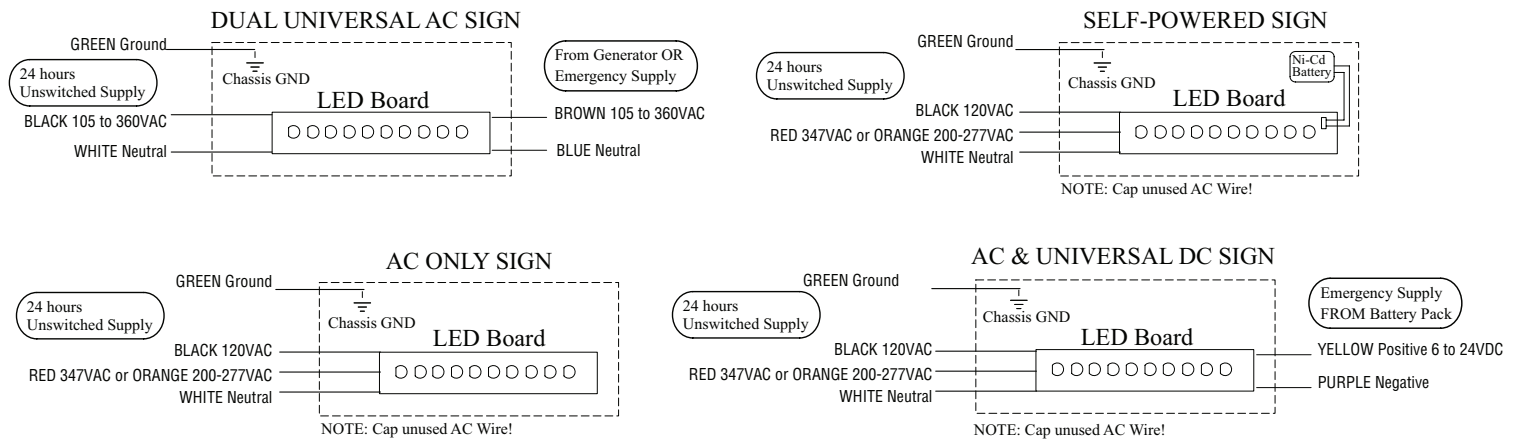
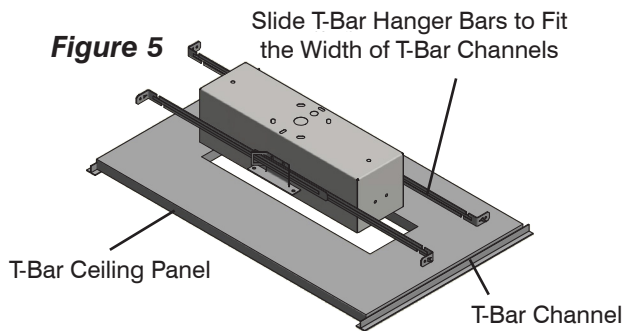
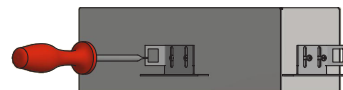
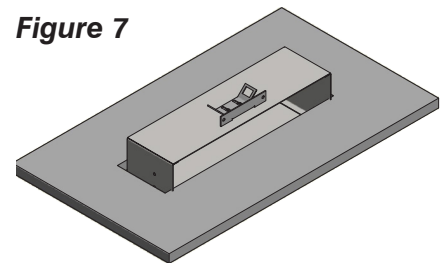
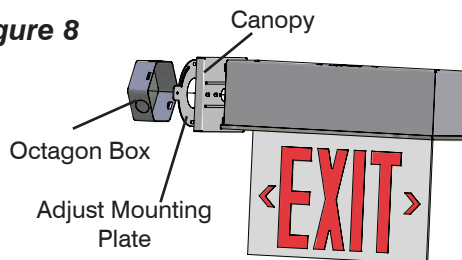
SELF-POWERED:

1. For models GDE-SP, plug the battery into the circuit board per (*Figure 4*) self-powered sign.
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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 the required time duration. The 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 these 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 faceplates/lenses on a regular basis.

NOTE: Always turn off AC power before servicing. The servicing of any parts should be performed by qualified service personnel. The use of replacement parts not furnished by Beluce Canada Inc., may cause equipment failure and will void the warranty.

Figure 1**Figure 2****Figure 3****Figure 4****Figure 5****Figure 6****Figure 7****Figure 8**

TROUBLESHOOTING

EXIT SIGN DOES NOT COME ON AT ALL

1. Check AC supply - be sure unit has 24 hour AC supply (unswitched).
2. AC supply is OK and indicator light is out, replace PC Board Assembly.
3. This could be the result of a switched AC supply to the unit (which has been turned off at some point).

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3. The sign may be either surface wall, surface ceiling or surface end mounted. Mount as follows:
Remove the appropriate mounting pattern knockouts from the backbox enclosure.
Ceiling Mounted: Remove knockouts located on top of the enclosure (Figure 6)
Wall Mounted: Remove knockouts located on the back of the enclosure
End Mount: Supplied with factory installed end mount canopy - no knockouts to remove. (Figure 5)
NOTE: Wall mounted fixtures have an exit faceplate with a 90 degree bend.
4. Bring AC supply circuit wiring through the wire pass hole and securely fasten the enclosure to the electrical box. For end mounted models mount using the two (2) screw mounting slots provided in the end canopy.
5. Hook one of the tension springs back into the tab inside the enclosure to hold the exit assembly in place while completing the wiring connections.
6. Connect AC supply (Figure 4) as follows: **Insulate unused wire!**
CAUTION! - Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.
7. Connect the battery to the circuit board. The two (2) battery wires are terminated with a plastic connector. Untwist the battery wires and slide the connector onto the metal battery pins located directly on the circuit board, close to the battery. The LED lamps may come on at this time (depends on battery charge).
8. Hook the other tension spring into the remaining enclosure tab and push the exit assembly back up into the housing until secure.
9. Energize power to fixture. The LED "AC ON" indicator will light, signifying that the sign is operational. The EXIT faceplate will now be illuminated.

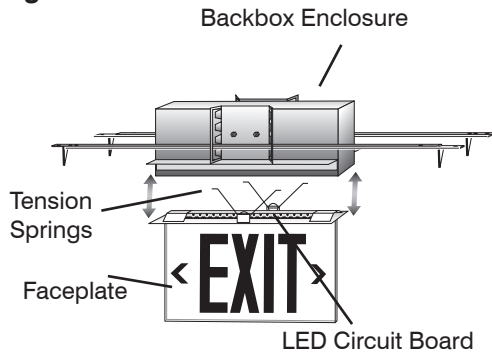
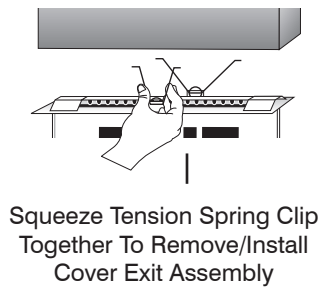
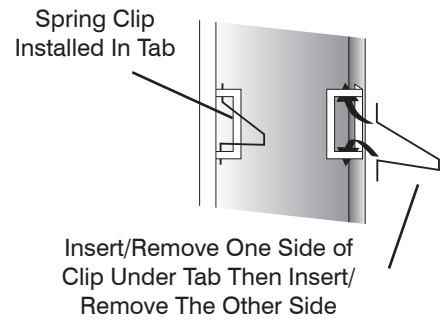
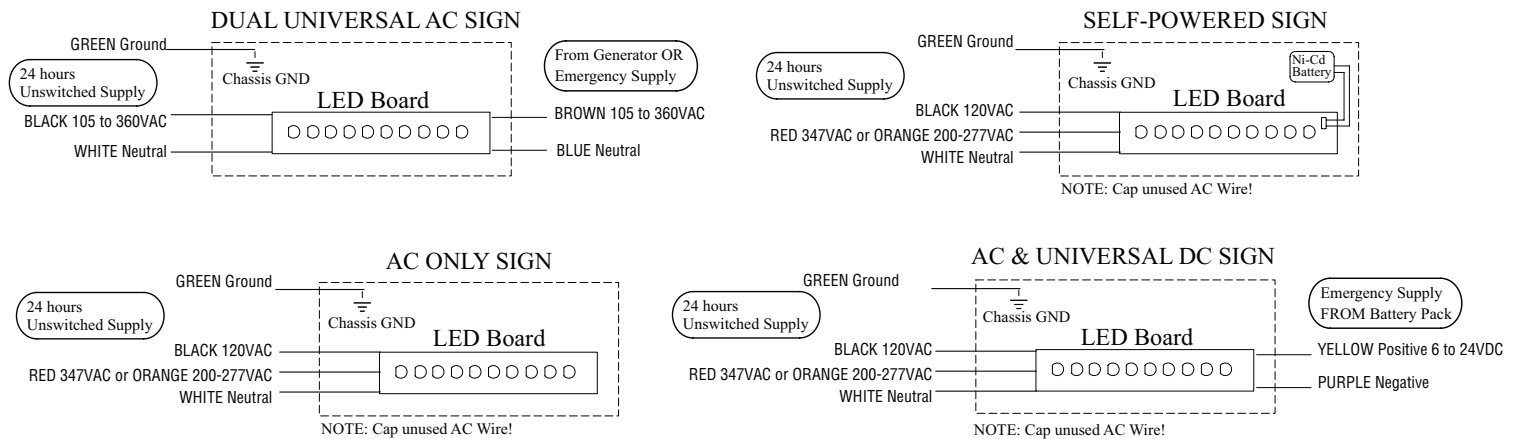
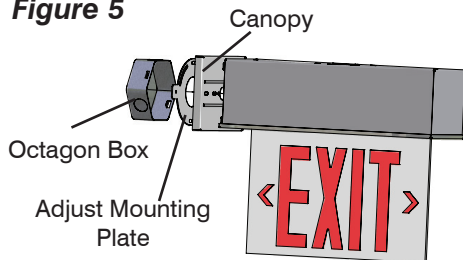
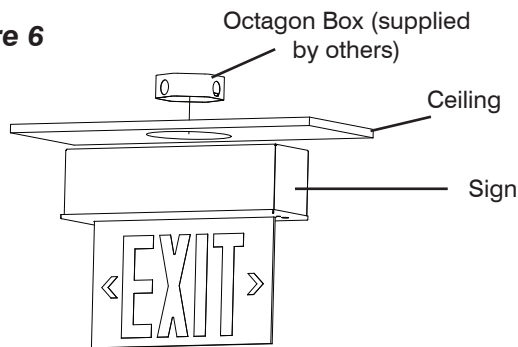
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Figure 1**Figure 2****Figure 3****Figure 4****Figure 5****Figure 6**

OPERATION

1. Depress TEST switch. The LED "AC ON" indicator will go out and faceplate LEDs will remain illuminated.
2. Release TEST switch. The LED "AC ON" indicator will come back on.

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