
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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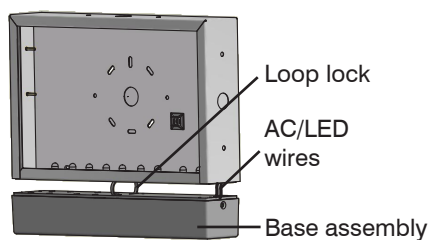
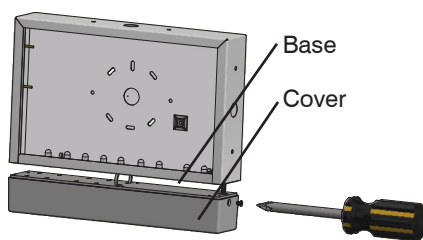
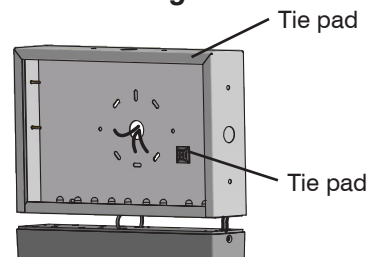
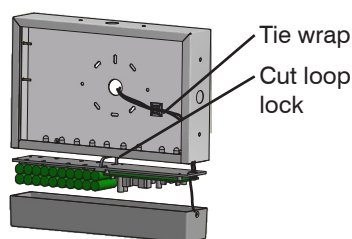
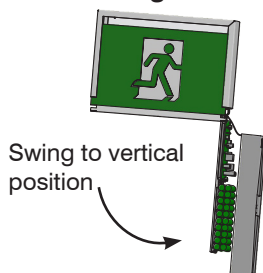
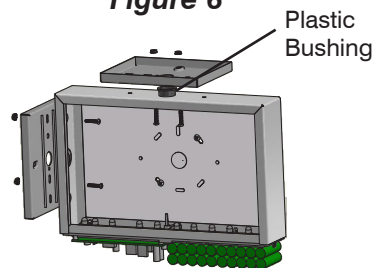
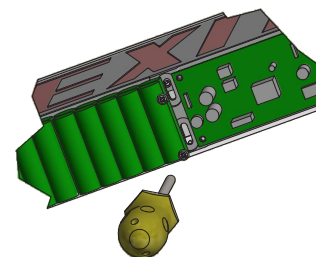
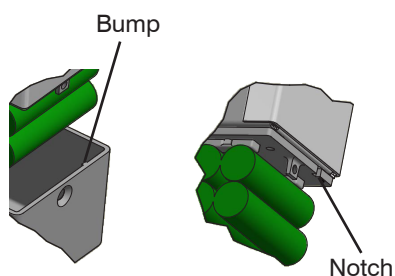
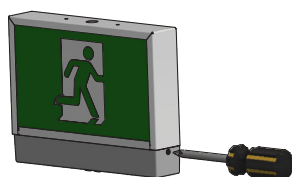
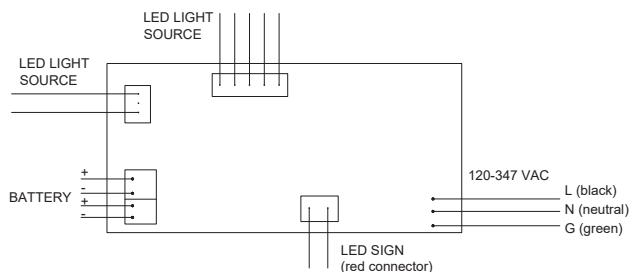
INSTALLATION

WALL MOUNT - SINGLE FACE:

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. Remove both sign and base assembly from the box. Do NOT cut the plastic loop lock wire. (Figure 1)
3. Change pictogram if needed by unscrewing the faceplate bracket screw and sliding the pictogram down and out of the frame.
4. Follow instructions on page 3 to select and install a lens for the desired light distribution.
5. Knock out the appropriate mounting pattern and/or wire pass-thru hole on the exit back plate to fit the junction box or wiring connector being used (supplied by others).
6. Bring wires through the back of the sign and mount the sign securely in place. Screw directly to junction box. (Figure 3)
7. Connect supply wires as per diagram provided. (Figure 10)
8. Route wires and secure them in place by the provided tie wraps. (Figure 4)
9. Separate the cover from the base by removing 2 side screws. (Figure 2)
10. Cut the loop lock from the base assembly. (Figure 4) Swing and hold the base assembly to the right side and slide the faceplate into the frame. (Figure 5)
11. Secure the base assembly to the frame by two provided screws. (Figure 7) Connect the battery, and two LED connectors to the charger board.
12. Close the cover with the right orientation. (Figure 8)
13. Secure cover with 2 screws. (Figure 9)
14. Turn on the AC voltage supply.

CEILING/END MOUNT - SINGLE OR DOUBLE FACE:

1. Follow steps 1 to 4 of Wall Mounting instructions above.
2. On the top and both sides of the sign there are three (3) holes for the canopy - two (2) for the mounting screws and one (1) wire pass-thru hole. Knock out the three appropriate canopy mounting holes for your installation. (Figure 6)
3. Secure the canopy to the sign using the supplied 1 inch screws and washer nuts and the snap the wire pass-thru hole plastic bushing into the wire pass-thru hole in the centre of the canopy. (Figure 6)
4. Bring wires through the wire pass-thru.
5. Secure the sign to the wall or ceiling using the supplied 1-1/2 inch screws and nuts. Screw directly to junction box if possible. A universal spider plate is supplied to allow for exit sign placement adjustment or connection to a variety of electrical boxes. (Figure 6)
6. Connect AC supply as per diagram provided. (Figure 10)
7. Route wires and secure them in place by the provided tie wraps. (Figure 4)
8. If double face is required then replace the backplate cover with the second faceplate. Signs that are specified double face will already have the second/rear faceplate installed. (Figure 3)
9. Follow steps 10 to 14 of Wall Mounting instructions above.

Figure 1**Figure 2****Figure 3****Figure 4****Figure 5****Figure 6****Figure 7****Figure 8****Figure 9****Figure 10**

Max. mounting height is 14.5 ft to get an average illuminance above 1 fc, based on 3x3 ft room 80/50/20 reflectance.

MAINTENANCE

1. 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.
2. Clean 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

EXIT SIGN DOES NOT COME ON AT ALL

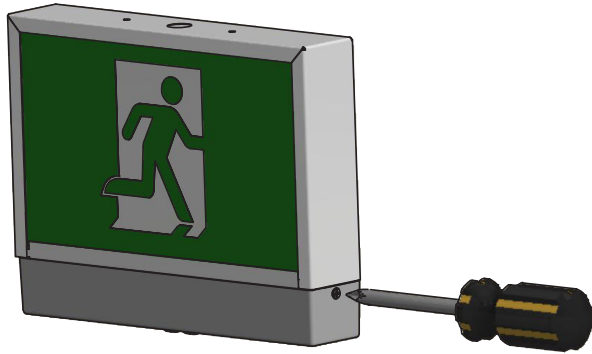
1. Check AC supply and all AC connections - be sure sign has 24 hour AC supply (unswitched).
2. Check supply voltage and AC connections. The AC supply must be at least 80% of nominal (96V on a 120V line) for equipment to function normally. At lower voltages the LEDs will begin to glow dimly until the source voltage drops below the full "turn-on" point.

NOTE: This condition may also be caused by incorrectly connecting a 120 Volt supply line to the capacitor assembly lead.

3. AC supply is OK; replace LED circuit board assembly

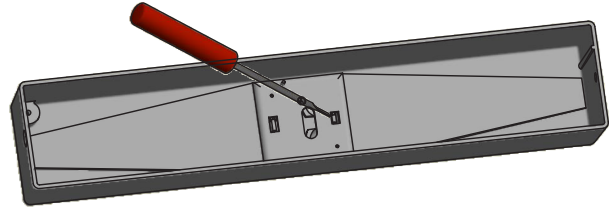
CHANGING THE LENS

1. Unscrew the cover from *both* ends.

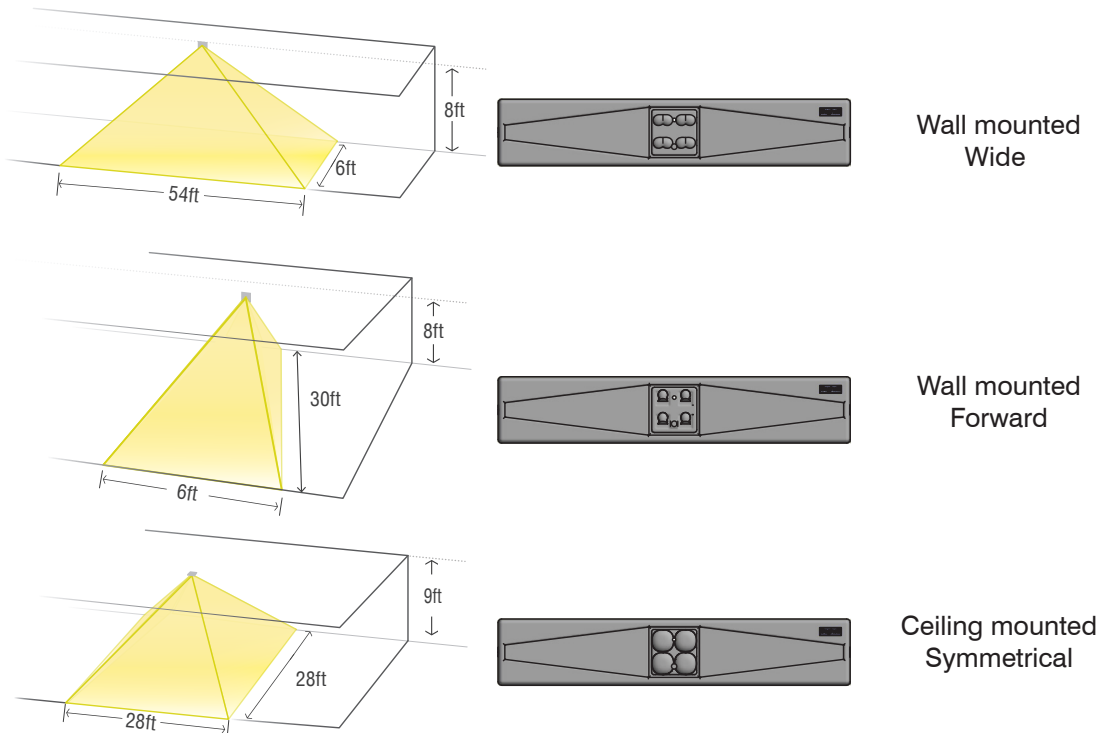


2. Push or twist a thin tip flat screwdriver into the slot to dislodge the hook from the cover.

3. Once one side hook is released from the cover, push back the lens and gently release the other side hook from the cover.



4. When installing a new lens, insert the bigger hook into one side of the LED board first, then gently slide and push down the lens towards the opposite side until it latches into the smaller slot with a click.



NORMAL OPERATION

Lights are OFF when AC supply is present; Lights turn ON when AC supply is cut-off.

- Steady Green: Normal Operation
- Flashing Red/Green: High Charging
- Steady Red: Battery Disconnected

For versions with Auto-test option: **Additional Auto-test instructions are supplied.**

SAVE THESE INSTRUCTIONS