



QUADRALUCE RUNNING MAN COMBO (QR-RM-PL)

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!**

INSTALLATION

WALL MOUNT - SINGLE FACE:

1. Extend unswitched 24 hour AC supply of rated voltage from junction box or appropriate wiring (supplied by others).
2. Remove the sign and base assembly from the box.
3. Remove the sign faceplate to change pictogram if needed. (Figure 1)
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 sign backplate to fit the junction box or wiring connector being used (supplied by others). (Figure 2)
6. Connect AC supply per diagram provided. (Figure 7)
7. Route wires and secure them in place with the provided tie wraps. (Figure 3)
8. Reinstall the faceplate together into the frame. (Figure 4)
9. Connect battery and two LED connectors to the charger board. (Figure 3)
10. Close the cover with right orientation (Figure 5), and secure the cover with 2 side screws. (Figure 6)
11. 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 side of the sign there are holes for the canopy. Knock out the appropriate canopy mounting holes for your installation.
3. Secure the canopy to the sign using the supplied lock nuts and feed the wire through the pass-through holes into the frame. (Figure 3)
4. 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.
5. Connect AC supply as per diagram provided. (Figure 7)
6. Route wires and secure them in place with the provided tie wraps. (Figure 3)
7. If double face is required, replace the backplate cover with the second faceplate. Signs that are specified double face will already have the second/rear faceplate installed.
8. Follow steps 8 to 11 of Wall Mounting instructions above.

Figure 1

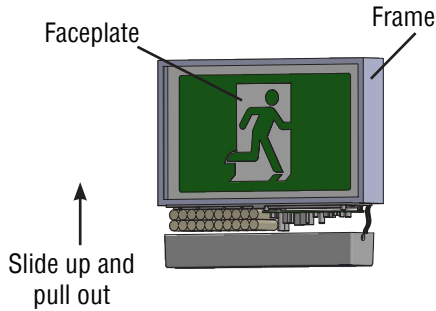


Figure 2

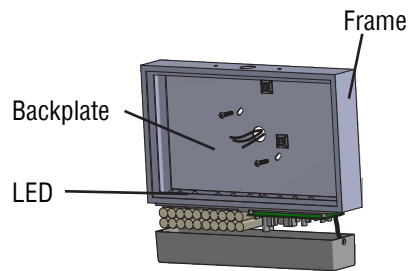


Figure 3

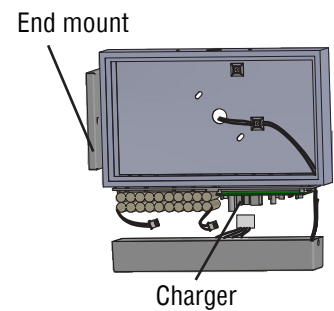


Figure 4

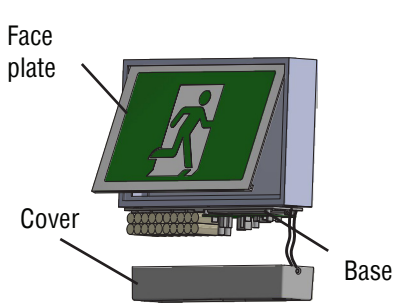


Figure 5

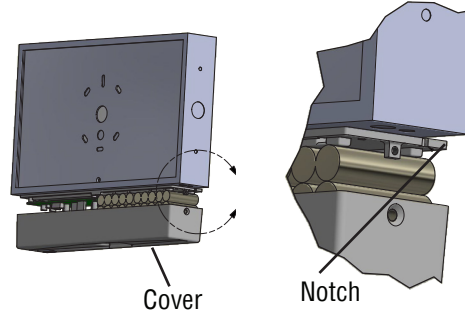


Figure 6

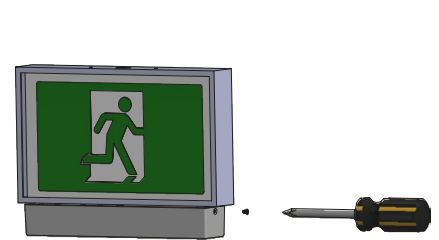
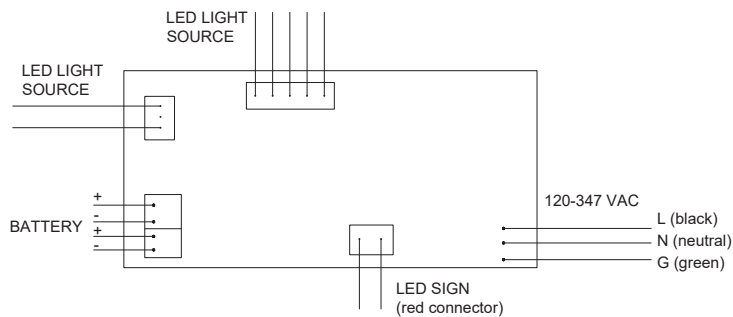


Figure 7



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. 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 sign 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

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:

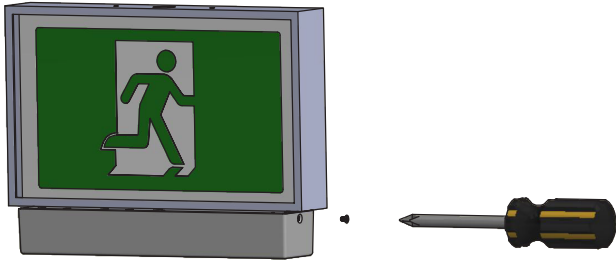
1. **Disconnect AC Power:** Turn off the AC power supply to the emergency lighting fixture.
2. **Unplug the Battery:** Safely disconnect the battery pack from the charger board.
3. **Wait for 10 Seconds:** Allow the system to completely discharge by waiting a minimum of 10 seconds.
4. **Reconnect Power:** 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

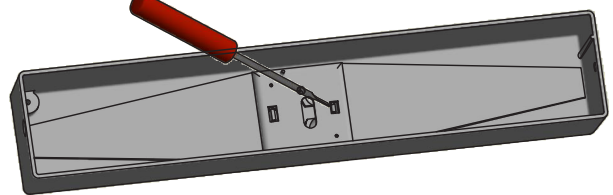
CHANGING THE LENS

1. Unscrew the cover from both ends.

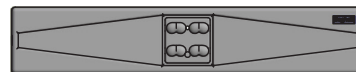
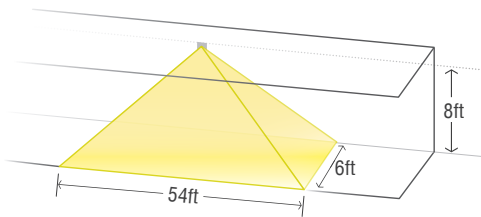


2. Push or twist a thin tip flat screwdriver into the slot to dislodge the hook from the cover.

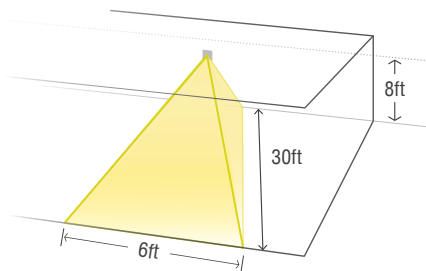
3. Once one side hook is released from the cover, push back the lens and gently release the other side hook from the cover.



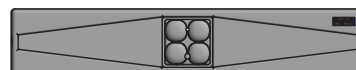
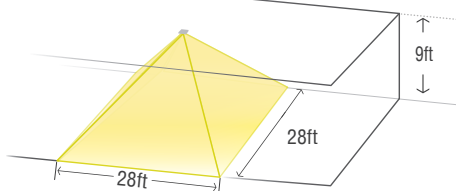
4. When installing a new lens, insert the bigger hook into one side of the LED board first, then gently slide and push down the lens towards the opposite side until it latches into the smaller slot with a click.



Wall mounted
Wide



Wall mounted
Forward



Ceiling mounted
Symmetrical

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.**