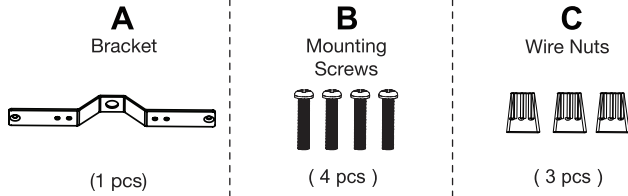


## 15" ROUND SLIM EMERGENCY BATTERY BACKUP LR23647



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### TOOLS AND MATERIALS REQUIRED



\*Wiring supplies as required by the Canadian Electrical Code and/or the Quebec Electrical code.

### TEST BUTTON AND LED INDICATOR

#### TEST BUTTON FUNCTIONS

##### 1. WHILE MAIN POWER IS ON:

A quick press of the test button, (<3 seconds), simulates the "main power outage" or "emergency mode". The light fixture will come on in this case – it will be running on battery power. Pressing test button for 3–6 seconds puts the unit into the monthly self-check routine (approx. 3 minutes run time). Press test button again anytime to stop the routine. As the system runs its check on the battery power and circuit connections, the LED indicator will flash green @ 1 cycle/second. Pressing test button for >6 seconds puts the unit into the annual self-check routine. (up to 90 minute run time)

##### NOTE: THIS SYSTEM WILL COMPLETELY DISCHARGE THE BATTERY DURING THIS ROUTINE.

Press test button again anytime to stop the routine. As the system runs its more detailed annual check on the battery power and circuit connections, the LED indicator will quickly flash green @ 3 cycle/second.

##### 2. WHILE EMERGENCY STATUS (main power outage):

Pressing test button for <6 seconds shuts off the unit, press again to turn it back on. Pressing test button for <6 seconds completely shuts off emergency output. In this state, the system will not function unless the main power is restarted.

#### LED INDICATOR COLORS/FUNCTIONS

**RED:** Battery is charging

**GREEN:** Battery is fully charged.

**YELLOW:** Check system – possible battery replacement needed or system maintenance required.

**GREEN FLASHING:** Monthly of annual checking mode is running.

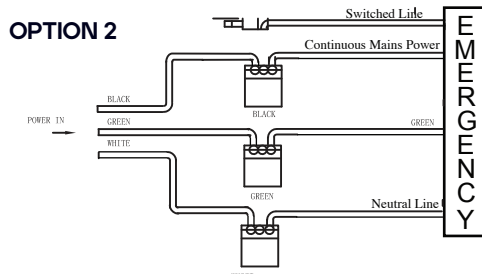
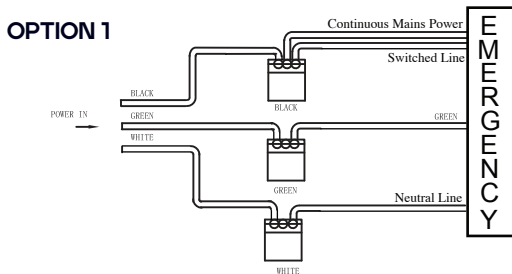
**OFF:** Indicates a power outage, when the Battery Backup unit is in Emergency Mode the LED indicator will be OFF.

**MINIMUM CHARGE TIME:** 24 hours.

#### FOR CONTINUOUS POWER APPLICATIONS

If the battery backup is used for:

1. A system with 24/7 lighting OR
2. As a dedicated Emergency Lighting only, (light off in normal condition) Only continuous UNSWITCHED power is needed at the junction box –no need for switched wires.



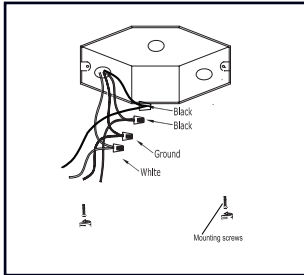
For Option 1, above as 24/7 lighting:

1. Connect the two black wires (labeled as "Continuous Main Power" and "Switched Line") from the battery backup to the black main wire in the junction box and Connect white ("Neutral") to white from the battery backup fixture to junction box.
2. Screw the Emergency Backup unit up into the junction box using the 2x 8/32 screws provided then, go to STEP 4 (shown above)

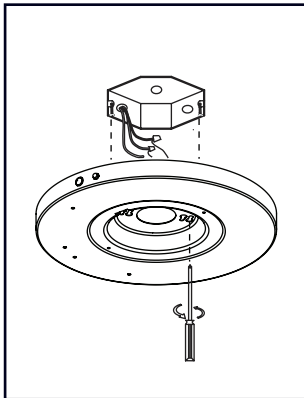
For Option 2, above as Emergency Light only:

1. Connect the black wire (labeled as "continuous Main Power") from the battery backup to the black main wire in the junction box and Connect white ("Neutral") to white from the battery backup fixture to junction box.
2. Screw wire nut over the "Switched Line" and leave unconnected. Then screw the Emergency Backup unit up into the junction box using the 2x 8/32 screws provided, then go to STEP 4 (shown above)

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1. Turn off/Disconnet power at Circuit breaker. Typical junction box wiring has only white & black switched wires controlled by wall switch for on/off or dimming. Ensure the junction box has an additional set of UNSWITCHED WIRES (continuous) main power wires available if necessary, add these wires as shown. (Label these additional wires so correct connections can be made)

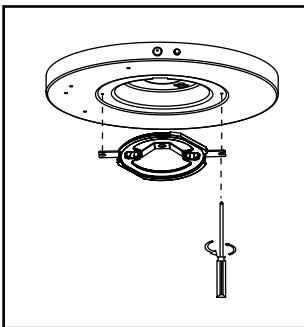


2. Screw the Emergency Backup unit up into the junction box using the 2x8/32 screws provided. Then using the wire unit provided, connect the three (3) cables available for connection into the junction box.

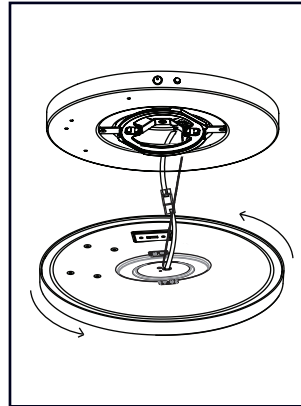
a. Connect the "Switched Line" to the black switched power cable coming from the junction box.

b. Connect the "Continuous Main Power" from the battery backup box to the continuou main black wire from the junction box.

c. Connect the "Neutral" white wire from the battery backup together with the other two neutral wires.



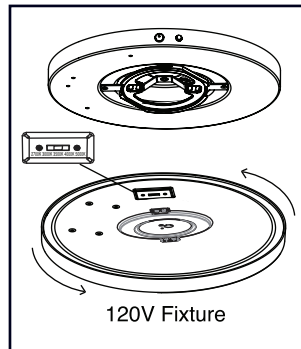
3. Screw the bracket that locks the mounting plate into the emergency backup using the backup using the 2 pc screws provided.



4. Make electrical connections from the LED lighting fixture with the battery backup.

a. Use the orange connector already supplied and affixed to the unit.

b. Be sure to connect the ground wire coming from the lighting fixture.



5. Feed all wires up into the battery backup box and raise the lighting fixture up to the ceiling.

a. Attach provided to indents (openings) of the mounting bracket and align mounting tabs on back of the fixture with indents in the mounting bracket.

b. Using sticker on the fixture (reference point for mounting tab) and on the ceiling as reference point, lift fixture up to the emergency backup and rotate clockwise until fixture is secured (45° turn until it locks in place.)