



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 seconds puts the unit into the monthly self-check routine (approx. 3 minutes runtime). 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 minutes runtime - **Note: The 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 in Emergency Status (mains 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 mains power is reset.

LED indicator colors/functions

Red: Battery is charging.
Green: Battery at full charge.
Yellow: Check system - possible battery replacement needed or system maintenance required.
Green Flashing: Monthly or 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".

FIVE YEAR LIMITED WARRANTY

The purchased product is covered with Five year (60 month) guarantee in respect of any defect in material or workmanship after purchase date. SATCO shall bear no responsibility on account of guarantee, as well as shall bear no liability for the unit, or if any unauthorised alteration or repair followed.

CLEANING AND STORAGE

- Clean with a soft or damp cloth. While cleaning with the damp cloth make sure the power is off.
- Do not clean with liquids or abrasives.
- Store at ambient temperature.

OPERATION MANUAL EMERGENCY BATTERY BACKUP

FOR 7" SQUARE FLUSH MOUNT FIXTURES:
S9332, S9335, S9361



Image shows S9345 on top attached to a LED fixture (not included)

Thank you for purchasing our product. The device has been manufactured from components with advanced optoelectronics to ensure high reliability and long performance. Before assembling please carefully read this Operation Manual and save in a safe place for future reference. Please note that all electrical connections must be in accordance with local and National Electrical Code standards as well as local building code. In case you are not familiar with proper wiring connections and building codes consult a qualified electrician.

Technical Data

Model: S9345
 Light Fixture Wattage: 13.5W
 Input Voltage: 110V-120V
 Input Current: 100mA
 Installation Specifications:
 3" or 4" Junction box



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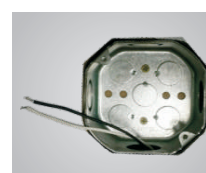


SAFETY RECOMMENDATIONS

1. The lighting shall be mounted at a height of maximum 4.0m..
2. Do not use outdoors.
3. Do not mount near gas or electric heaters.
4. Use caution when changing batteries – **TURN ALL POWER OFF, BOTH WALL SWITCH AND MAINS POWER!** Use only designated battery as supplied with original unit or as listed for use with this product. Dispose of old battery in designated disposal location.
5. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
6. This product is designed for use with the 7" Round or 7" Square Blink 'Pop 'n' Lock' series lighting. Must not be used with any other fixture.
7. Do not use this product for other than intended use.

INSTALLATION (Seven simple steps.)

A. FOR SWITCHED POWER APPLICATIONS:



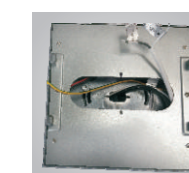
STEP1
Turn off / Disconnect power at Circuit breaker. Typical junction box wiring has only white & black switched wires controlled by wall switch for on/off or dimming.



STEP2
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)



STEP3
Screw the Emergency Backup unit up into the junction box using the 2 x M4 screws provided. Then using the wire nuts provided, connect the three (3) cables available for connection into junction box.
 a. Connect the "Switched Line" to the black switched power cable coming from the junction box.
 b. Connect the "Continuous Mains Power" from the battery backup box to the continuous mains black wire from the junction box.
 c. Connect the "Neutral" white wire from the battery backup together with the other two neutral white wires coming from the junction box.



STEP4
Once all wires are connected together then:
 a. Push connected cables into the junction box leaving the cables out as shown for connection to the light fixture.
 b. Connect the grounding wire from the battery backup unit into the junction box.



STEP5
Connect the Blink LED Lighting fixture with the battery backup via the safety wire.



STEP6
Make electrical connections from the Blink 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.

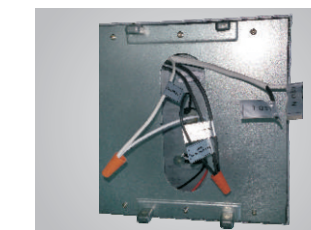


STEP7
Pop 'n' Lock into place
 a. Feed all wires up into the battery backup box and raise the lighting fixture up to the ceiling.
 b. Align the edge of the fixture with the ball bearings on the mounting bracket and Pop 'n' Lock into place.
 c. Thank you installing safely. Enjoy your Emergency Lighting system!

B. FOR CONTINUOUS POWER APPLICATIONS:

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

Option 1
For Option1 above as 24/7 lighting: Connect the two black wires (labeled as "Continuous Mains Power" and "Switched Line") from the battery backup to the black mains wire in the junction box and connect the white ("Neutral") to white from the battery backup fixture to junction box wires (image below). Then screw the Emergency Backup unit up into the junction box using the 2 x M4 screws provided the go to STEP4.



Option 2
For Option2 above as dedicated Emergency Light only: Connect the black wire (labeled as "Continuous Mains Power") from the battery backup to the black mains wire in the junction box and connect the white ("Neutral") to white from the battery backup fixture to junction box wires (image below). Screw wire nut over the "Switched Line" and leave unconnected. Then screw the Emergency Backup unit up into the junction box using the 2 x M4 screws provided the go to STEP4.

