INSTALLATION INSTRUCTIONS

INSTRUCTIONS FOR SELF-DIAGNOSTIC TEST:

Once the unit is properly installed according to the installation instruction sheet and AC power supplied, the dual color LED indicator will come ON and the self-diagnostic test function will automatically initiate. Unit will switch into a load calibrating mode for 5-10 seconds to record the connected load. Connected lampheads and EXIT sign (when applicable) will turn ON during this step. After the load calibration has been completed, the LED indicator will show either a RED/GREEN flashing (battery hi-charge mode) OR STEADY GREEN (battery trickle charge mode) status. FLASHING GREEN indicates that the unit is in manual or self-test mode. RED (steady or flashing) indicates a service alert. Refer to the SERVICE INDICATION chart below for more details. The LED indicator would be OFF when the unit is in emergency mode.

During a manually-initiated test OR monthly/annual self-diagnostic test, if the calibrated load is not detected, then the LED indicator will flash THREE or FOUR times, indicating a load failure error. This error code can be reset by pressing and holding the test switch for at least (6) seconds, allowing the unit to calibrate the load again.

SELF-DIAGNOSTIC SERVICE

The self-diagnostic function is factory preset and performs the following:

a. Monitoring of battery, charger, LED board (when applicable) and lamp heads (when applicable).
b. Self-testing and a 30-second or longer discharge once every 30 days, after AC power has been supplied for a minimum of 24 hours.
c. Self-testing and a 30-minute or longer discharge once every 180 days, after AC power has been supplied for a minimum of 24 hours.
d. Self-testing and a 90-minute or longer discharge once every 365 days, after AC power has been supplied for a minimum of 24 hours.

SERVICE INDICATION

LED Indicator	Status
One Flash Red	Replace Electronics
Two Flash Red	Replace Battery
Three Flash Red	Replace LED board (when applicable)
Four Flash Red	Replace lamp head (when applicable)
Five Flash Red	Replace Remote lamp (when applicable)
Steady Red	Connect Battery
Solid Green	Trickle Charge mode
Flashing Green	In test mode
Red/Green Flashing	High Charge mode

MANUAL TESTING

The unit also provides for manual testing by pressing the test button in a specific pattern

Action	Reaction & LED Indication
Push test button thrice (within 2 secs)	90-minute discharge test; FLASHING Green
Push test button twice (within 2 secs)	30-minute discharge test; FLASHING Green twice
Push test button once (within 2 secs)	30-second discharge test; FLASHING Green thrice
Push test button and hold for 3 seconds (in test mode)	Self-discharge test is canceled; If this is done, then a manual test of the same duration is recommended to be done to ensure compliance
Push test button and hold for 6 seconds (in error mode)	System is reset; Unit will recalibrate the load connected

WARNING:

a. Ensure that power is OFF before making any electrical connections
b. Unused wires mist be capped off using enclosed wire nuts