

# Self-Test / Self-Diagnostic Features

## SELF-TEST

As soon as AC power is applied to the fixture, the unit will automatically initiate a self-test and self-diagnostic test as follows:

1. Verifies battery connection, checks for charger board failure, lamp failure and transformer failure every 5-seconds.
2. 1-minute self-test every 30 days
3. 30-minute self-test on the 6th month of the year after installation
4. 90-minute self-test on the 12th month of the year after installation
5. Factory pre-set functions - does not require field adjustment

**Note:** The internal clock resets every time AC power fails or test switch is depressed.

## SELF-DIAGNOSTICS

### Dual color LED lamp

Steady GREEN = Unit is Ready

Flashing GREEN = Test in Process

Flashing RED = Service Alert

1 flash w/ 4-second pause = Battery is not connected

2 flashes w/ 4-second pause = Battery is shorted or battery voltage has dropped below acceptable value

3 flashes w/ 4-second pause = Charger board circuit fault

4 flashes w/ 4-second pause = Transformer fault

5 flashes w/ 4-second pause = Emergency lamp fault

6 flashes w/ 4-second pause = Remote head lamp fault

(If fixture has remote capability)

7 flashes w/ 4-second pause = LED board fault (for Exit Signs only)

## MANUAL TESTING

1-minute load test = depress test switch one time within 2-seconds

5-minute load test = depress test switch two times within 2-seconds

30-minute load test = depress test switch three times within 2-seconds

90-minute load test = depress test switch four times within 2-seconds

**Note:** Pressing the test switch at any time during the test cycle will return the unit to normal operating status.

## FIRE ALARM INTERFACE

### (Exit Sign or Exit / Emergency Light Combination Only)

Connect the wire labeled "Fire Alarm Only" to fire alarm system (6VDC - 24VDC only). Exit sign will flash when signal is received from the fire alarm.

## REMOTE HEAD CAPABILITY

In order to use additional emergency remote heads, remove connector on printed circuit board marked for remote heads and connect remote to the circuit board. 6VDC, 10-Watt capacity per connector.

\* All self diagnostic units meet or exceed UL requirements.