

TYPE	

CATALOG#

# Self Diagnostics Option Specifications

GENERAL DESCRIPTION

AstraLite Self Diagnostics provides a 8-Bit microprocessor based design. The technologically advanced self test / diagnostic provides increased reliability and decreased maintenance.

#### ASTRALITE DIAGNOSTIC PROVIDES VISUAL INDICATION FOR:

- 1. AC POWER STATUS.
- 2. ALL DIAGNOSTIC TESTS.
- 3. ALL UNIT MALFUNCTIONS.
  - a. Battery Fault
  - b. Lamps Fault

EXIT BOARD

- c. Charger Fault
- d. Transfer Fault

#### FEATURES:

- Meets UL Standard For Self-testing/diagnostic.
  Provides automatic self testing and monitoring of
- unit operation. Performs routine maintenance and assures
- operational readiness at all times.
- Monitors battery charger.
- Monitors emergency lamps.
- Routine discharge cycles insures optimum battery performance.
- Automatic 1 minute self test every month and 30 minute every 6 months.
- Bi-Color flashing LED indicator provides unit status.
- All malfunctions retained in memory until corrected and retested.
- Manual test allows 1,5,30,90 minute unit check.
- Monitors remote lamps

UNIT EQUIPMENT BOARD



8-BIT MICROPROCESSOR

### SERVICE ALERT CODES

Green LED Codes : Steady = Unit is Ready. Flashing = Unit is in Test Mode.

Red LED Blinking Codes : 1-(One and pause) 2-(Two and pause) 3-(Three and pause) 4-(Four and pause) 5-(Five and pause) 6-(Six and pause) 7-(Seven and pause)

Battery Disconnected. Battery Test Performance Failed. Charger Fault. Input Transformer Fault. Integral Lamp Fault. Remote Lamp Fault. LED Strip Failure. (Exits Only)

## MANUAL TEST CODES

Press Test Switch 1 time. Press Test Switch 2 times. Press Test Switch 3 times. Press Test Switch 4 times. Press Test Switch 5 times. Test 1 minute Test 5 minute Test 30 minutes Test 60 minutes End Test

Note: Depress Switch within 2 seconds