

SURE-LITES



STANDARD FEATURES:

- Sure-Lites Eagle Eye™ self-diagnostics option sets the standard for automatic stand-alone testing of emergency lighting units and battery powered exits.
- The Solid-State microprocessor-based system has the ability to accurately detect and warn of system failures, plus it incorporates all of the standard electronic features that sets Sure-Lites apart from its competition.
- Automatically performs all testing required by the NFPA 101 Life Safety Code. Eagle Eye systematically calibrates itself in the field, reducing installation labor and eliminating manual calibration errors.



Eagle Eye represents a significant improvement in self-diagnostics solutions and offers the following key advantages:

- **Allows installers to perform quick lamp / sign checks during installation versus waiting for 24 hours or longer until the unit is fully charged**
- **Capability to select between a 30 second or 90 minute system performance test in the field at the user's discretion**
- **Tri-color LED indicator display that provides more clarity regarding product operation to the end-user**
- **A Flash-programmable microprocessor that allows for field updates to the software, enabling any future enhancements to be inserted into installed products**
- **Improved diagnostics capabilities including battery disconnection detection**

Eagle Eye
Self-Diagnostics



SURE-LITES	
	OFF - EMERGENCY MODE / POWER OFF
	STEADY BLINK GREEN - FAST CHARGE
	STEADY GREEN - FULL / FLOAT CHARGE
	STEADY YELLOW - QUICK TEST
	STEADY BLINK YELLOW - 90 MINUTE TEST
	2 BLINK RED - BATTERY FAILURE
	3 BLINK RED - CHARGE CIRCUIT FAILURE
	4 BLINK RED - LAMP/ LED FAILURE

NFPA 101 requires that all emergency lighting systems undergo functional testing at 30 day intervals for at least 30 seconds and annually for 90 minutes. The benefit of a robust self-diagnostics system is that it:

- Automatically performs these tests, ensuring NFPA 101 compliance and that all equipment is fully operational
- Improves initial product safety by allowing the user to perform functional test at installation
- Provides ongoing maintenance and labor savings as the testing is performed automatically versus having a person manually run tests at each unit

The Eagle Eye solution delivers optimal performance by:

- Checking the battery charger, battery voltage and lamps
- Performing a 30-second full functional test every 30 days
- Performing a 90-minute full function/battery capacity test annually
- Diagnosing failures to battery, charger PC board, or lamp and providing a visual diagnostic display through the LED indicator light
- Utilizing battery charge indicator that differentiates high charge and standby charge mode
- Calibrating lamp/sign loads after battery initially reaches a full charge

New Code. New Design. New Components. Exceptional Performance.

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Cooper Lighting, LLC
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com