

INSTALLATION INSTRUCTIONS

SELF DIAGNOSTIC TESTING INSTRUCTIONS FOR LED EXIT SIGN

NORMAL OPERATION: When unit is functioning properly with A.C. power supplied, the status indicator will be green and the EXIT sign will be ON.

TESTING: The exit performs two types of tests, Contingency and Non-Contingency. The contingency testing includes "Battery Disconnected Mode" and "LED Failure Mode". When the Battery is disconnected, the indicator would indicate as Red (Steady). When a LED fails, the indicator would indicate as Red (Blinking - three times). The Non-Contingency test is for testing the Battery for its "discharging" and "recharging" capacity. A 30-second battery discharge test is performed every 30 days to check for the normal operation of the battery and the unit. Also a full 90-minute discharge test is performed once a year to confirm the same. When the battery is in self-test mode, the LED indicator would be flashing Green (One/Two/ Three Pulses). Upon completion of the test and after 24 hours battery charging (Indicator on Red and Green flashing), the status indicator will return to either Green (Steady) indicating a properly functioning unit or Red (Double Pulse) to show a battery failure. The following table shows the status indication.

FUNCTION	LED INDICATION	FUNCTION	LED INDICATION
EXIT is in Emergency Mode	OFF	Battery Failure	Red (Flashing 2 times)
EXIT is in Normal Mode	Green (Steady)	Battery Recharge Failure	Red (Flashing 1 time)
Battery Disconnected	Red (Steady)	30-Second Battery Discharging Mode*	Green (Flashing 1 time)
LED Failure	Red (Flashing 3 times)	30-Minute Battery Discharging Mode**	Green (Flashing 2 times)
Battery Charging	Red and Green (Alternate Flashing)	90-Minute Battery Discharging Mode***	Green (Flashing 3 times)

* Occurs once every 30 days

** Occurs once every 180 days

*** Occurs once per year

MANUAL TESTING: Battery and 'LED strip' test may be manually initiated by pressing the test switch. Once the test switch is pressed, the unit would be reset and the date of battery self-testing would start counting again.

ACTION	REACTION & LED INDICATION
Push test button Once (within 2 seconds)	30-second test: Green light-Single blink
Push test button Twice (within 2 seconds)	30-minute test: Green light-Double blink
Push test button Thrice (within 2 seconds)	90-minute test: Green light-Triple blink
Push & Hold test button (for 6 seconds)	Resets the fixture from error mode

OPERATION: During an electrical power failure, the LED strip will automatically come ON for a minimum of 90 minutes. To test this unit, the battery needs to be charged at least for 24 hours before depressing the test switch (to do manual test). On pressing the test switch, the LED strip will illuminate. The LEDs will turn OFF after 30 sec/30 min/90 min depending on the number of times the switch has been pressed.



An **Acuity** Brands Company

Lithonia Emergency

One Lithonia Way, Conyers GA 30012

Phone: 800-334-8694

www.lithonia.com

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SAVE THESE INSTRUCTIONS
and deliver to owner after installation