SELF-TEST MODELS

SELF-TEST

Self-Test fittings perform a self-commission test on first power up.
After charging for 24 hours, a full duration test (3 hours) is performed.

Function and duration tests are randomly generated, they are then performed in accordance with standard requirements (every 30 days for function tests, and every 52 weeks for duration tests).

FUNCTION TEST

A function test is a 2 minute test that simulates a mains failure and checks the operation of the emergency light source from the battery supply.
The local indicator LED flashes green whilst the 2 minute function test is in progress.
If there is a failure during a function test, the local indicator LED changes to a flashing red.

DURATION TEST

A duration test simulates a mains failure. It also checks the operation of the emergency light source from the battery supply for the rated duration of the module.
The local indicator LED rapidly flashes green whilst the duration test is in progress.
If there is a failure during a duration test, the local indicator LED then changes to flashing red.
The battery is required to be fully charged before a duration test can be started.

Each self-test unit (excluding downlights) feature a manual test button;

Test Button	Green LED	Status
1 Second Press	Off	Emergency mode for 1 second
5 Second Press	Slow Flash	Function for 30 seconds
7 Second Press	Fast Flash	3 Hour duration test
10 Second Press		End the duration test

A single bi-colour indicator LED is fitted in all Self-Test products. This LED is clearly visible for manual inspection, It indicates the module status.
The LED shows permanent green or flashing green when conditions are normal, and flashing red if a fault condition is present;

Test Button	Green LED	Status
Green Solid	Mains On/No Fault	Battery Charging
Green Flash	Slow Flash	Function for 2 minutes
	Fast Flash	3 Hour duration test
Red Flash	1 Flash	Battery Fault
	2 Flash	Lamp Fault
	3 Flash	Duration Test Fault