

Instruction Manual

MAINTAINED

LED EMERGENCY DROP SIGN LIGHT

COMPLETE WITH LED LAMP

DURATION:8HOURS 220-240V AC 50Hz

EMERGENCY LIGHTING
LUMINAIRE INSTRUCTIONS
AND TEST PROCEDURES

Self-Test fitting – Operating Instructions.

- 24 hours after full charging the duration test is automatically run (8 hours). The items checked are emergency changeover and lamp.
- After the first duration test, an automatic emergency functional short test is run by weekly (testing time around 2 minutes).
- After one year(52 weeks), the duration test is automatically run(8 hours). After that, the test time will be reset and calculating the test time again.

Remarks:

8 hours duration test:to test the battery lasting for 8 hours or not.

2 minutes test:to test the function of battery and LED board in 2 minutes.








30 seconds test: to test the function of battery and LED board in 30 seconds..

Following the first duration test, regardless of whether or not this was passed, the weekly function test and yearly duration test are automatically started.

Test button operation and green LED status

Test button	Green LED	Status
Press for about < 1s	OFF	DC supply test
Press for about 3 s < time ≤ 5s	Blinking	Functional test for 30 seconds.
Press for about 5 s < time ≤ 7s	Flashing	8 hour duration test
Press for about ≥ 10s		Reset

Meaning of the LED indicator

 Constant Charging & Mains operation	 Constant or flashing Failed
 Blinking Function test	 Each 2.5 seconds flash once Battery failed
 Flashing Operation duration test	 Each 2.5 seconds flash twice LED board failed
	 Each 2.5 seconds flash three times discharging time can not lasting for 8hrs

The status display can only be cleared after the fault has been rectified, mains voltage has been reapplied and a function test has been run.

Changing the rechargeable battery

If the emergency duration is less than 480min., the rechargeable battery has to be replaced.

Use only original batteries from the manufacturer.

Installation

In order for the luminaire to become operational, the battery and the mains power supply must be connected. An internal terminal block is used to connect the luminaire to the mains power supply. To obtain access to this terminal block and to the battery remove the cover of the main body by unscrewing the two retaining screws, The connection socket arrangement ensuring correct polarity. Determine the length of wire suspension required and if necessary will permit the wire to be adjusted accordingly. When required length is achieved re-lock mechanism. To avoid excess wire inside the unit, wire can be cut to desired length and re-terminated on the pcb thus ensuring no wire comes into contact with any other connections on the pcb. Failure to ensure no excess wire inside the unit causing subsequent damage will invalidate the warranty. Unit can then be re-assembled and secured with the 2 retaining screws previously removed.

