

OPERATION & MAINTENANCE.

NOTE SERVICING SHOULD ONLY BE CARRIED OUT ONCE THE FITTING HAS BEEN MADE ELECTRICALLY SAFE.

- a) Luminaires should not be covered by heat insulating material or any other material which prevents heat dissipation.
- b) Use only lamps of the recommended type and rating and follow the lamp manufacturer's instructions. Observe particularly any maximum wattage limitations marked on the luminaire.
- c) Certain lamp types (e.g. Tungsten Halogen.) operate at very high temperatures. Care must be taken when adjusting or relamping the luminaires.
- d) Failed lamps should be replaced promptly to avoid damage to the control unit.
- e) Repairs should be carried out only by suitably qualified persons. Check that replacement components are satisfactory for the luminaire as authorised by the luminaire manufacturer. Disposal of replaced components to be in accordance with the component manufacturer's instructions.
- f) Servicing e.g. cleaning, lamp or fuse replacement, should only be carried out after the luminaire has been made electrically safe.
When replacing a tube care should be taken not to touch the pins as the inverter may still be operational even though the mains supply has been disconnected.
Disposal of old lamps and tubes should be carried out in accordance with the instructions of the lamp manufacturer. The disposal of large quantities of lamps may be subject to special regulations of local authorities and these should be consulted for specific guidance.
- g) Cleaning should be carried out at regular intervals for hygienic reasons and to ensure that dirt does not accumulate to an extent that will impair the electrical and/or thermal safety of the luminaire. Regular cleaning will also ensure that optical performance is maintained. Failed lamps should be replaced promptly by lamps of the same type.
- h) Batteries must be disposed of in accordance with the manufacturer's recommendations & local authorities regulations. Under NO circumstances must they be opened, or disposed of in fire.
Certain battery types are re-cycleable and the manufacturer should be notified prior to disposal.
- j) Storage - Fittings should be stored in dry conditions in a nominal temperature of 0' to +25'C.
- k) It is desirable that staff working in areas where emergency lighting is installed are made aware of the purpose of the luminaires and of the significance of the indicator lamp(s).

ANY FAULT REPORTED SHOULD BE RECTIFIED IMMEDIATELY.

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Location		Date Installed				Installed by					
Test	Month	Year 1		Year 2		Year 3		Year 4		Year 5	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	FUNCT										
2	FUNCT										
3	FUNCT										
4	FUNCT										
5	FUNCT										
6	1 Hour										
7	FUNCT										
8	FUNCT										
9	FUNCT										
10	FUNCT										
11	FUNCT										
12	1 Hour										
	3 Hour										

BS5266:- Periodic testing should be carried out monthly by simulating a failure of supply, causing the fitting to be energised from its battery. Interruption of the supply should be carried out by operation of a local keyswitch or other isolation device. During this period all fittings should be examined visually to ensure that they are functioning correctly. At the end of the test period the supply shall be restored and all indicator lamps or devices checked to ensure that the normal supply has been restored.
THE DURATION OF THE SIMULATED FAILURE SHALL BE:-

a) Monthly:- a functional test for less than 1/4 the rated duration of the fitting.
b) Six Monthly:- for a continuous period of 1Hr unless the fitting is rated as having a duration of 1Hr when the period shall be 15 mins.
c) After three years:- for the full duration of the fitting.
d) Subsequent annual tests:- for the full rated duration of the fitting.
e) Batteries should be replaced once the rated duration can no longer be met.