

Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

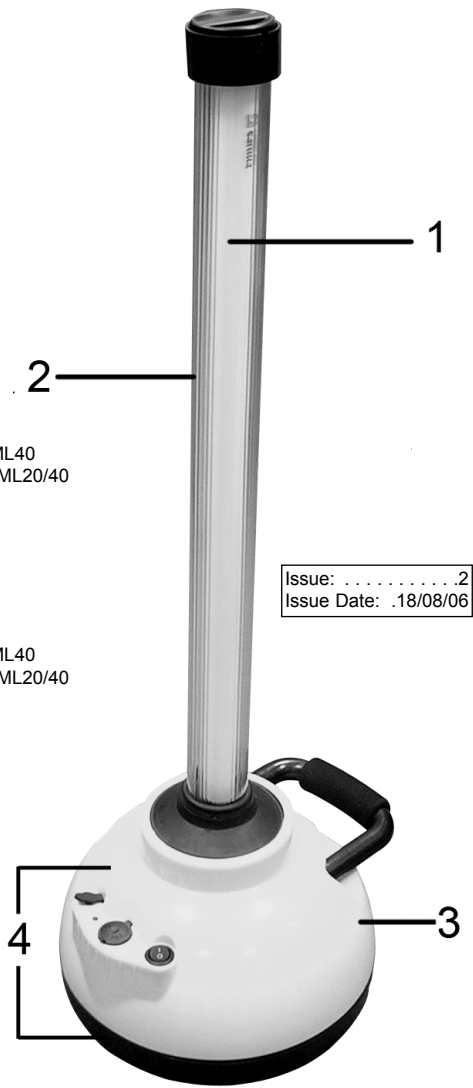
**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

**- ML20**

ITEM	PART NO.	DESCRIPTION
01.	MLT18	FLUORESCENT TUBE
02.	MLT18.C	PLASTIC TUBE
03.	ML20.BASE	BASE HOUSING FOR ML20/ML40
04	ML20.ASSY	BASE ASSEMBLY UNIT FOR ML20/40
-	ML20B	BATTERY
-	ML20C	CHARGER

**- ML40**


ITEM	PART NO.	DESCRIPTION
01.	MLT36	FLUORESCENT TUBE
02.	MLT36.C	PLASTIC TUBE
03.	ML20.BASE	BASE HOUSING FOR ML20/ML40
04	ML20.ASSY	BASE ASSEMBLY UNIT FOR ML20/40
-	ML20B	BATTERY
-	ML20C	CHARGER

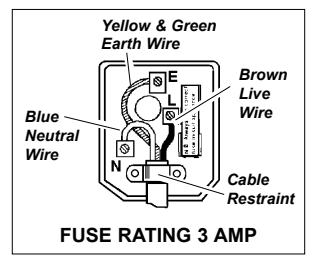


**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. **IMPORTANT:** No liability is accepted for incorrect use of this equipment. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.

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## 1. SAFETY INSTRUCTIONS

- 1.1 ELECTRICAL SAFETY**
- WARNING!** It is the responsibility of the owner and the operator to read, understand and comply with the following: You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer. You must also read and understand the following instructions concerning electrical safety.
  - 1.1.1 The Electricity at Work Act 1989 requires that all portable electrical appliances, if used on business premises, are tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
  - 1.1.2 The Health & Safety at Work Act 1974 makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. If in any doubt about electrical safety, contact a qualified electrician.
  - 1.1.3 Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1 and 1.1.2 and use a Portable Appliance Tester.
  - 1.1.4 Ensure that cables are always protected against short circuit and overload.
  - 1.1.5 Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.
  - 1.1.6 Important: Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
  - 1.1.7 **DO NOT** pull or carry the appliance by the power cable.
  - 1.1.8 **DO NOT** pull the plug from the socket by the cable.
  - 1.1.9 **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and dispose of the plug safely. Fit a new plug according to the following instructions (UK only).
    - a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
    - b) Connect the BROWN live wire to the live terminal 'L'.
    - c) Connect the BLUE neutral wire to the neutral terminal 'N'.
    - d) After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight. Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.
  - 1.1.10 Products which require more than 13 amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.
  - 1.1.11 If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm<sup>2</sup>, but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm<sup>2</sup> section cable.



- 1.2 GENERAL SAFETY**
- WARNING!** Disconnect lamp from mains power before changing tube or performing any maintenance.
  - Replace or repair damaged parts. Use genuine Sealey parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
  - Maintain the lamp in good condition.
  - DO NOT** use the lamp if damaged.
  - DO NOT** use lamp close to paint fumes, solvents or other flammable liquids or flammable waste, such as wipes or cleaning rags.
  - DO NOT** fit a fluorescent tube other than the recommended replacement (see parts list for part numbers).
  - When not in use switch off the lamp and remove plug from power supply.

- ❑ **WARNING!** Ensure the light is correctly charged before initial use.
- x **DO NOT** allow children to use the light.
- x **DO NOT** use if the battery or the light casing is damaged.
- ✓ When not in use store the light in a safe, dry, childproof location.

### 1.3 BATTERY SAFETY INSTRUCTIONS

- ❑ **WARNING!** Powered by a sealed lead-acid battery which can be dangerous if not handled with care.
- ✓ Charge battery prior to first use. The battery pack will have been shipped in a low charge state. Minimum initial charge time 24 hours.
- x **DO NOT** charge battery when room temperature is below 10°C (50°F) or above 40°C (104°F).
- x **DO NOT** attempt to recharge the battery by means of an engine generator or a DC power source.
- x **DO NOT** short-circuit the battery by linking both terminals with a metal object.
- x **DO NOT** store the battery (or light) in locations where the temperature may exceed 40°C (104°F) such as outside sheds, above heaters, or metal buildings in summer.
- ❑ **WARNING!** Dispose of spent battery correctly and in accordance with local regulations as it contains acid. **DANGER! DO NOT attempt to dismantle the battery pack. For safety and environmental reasons DO NOT discard in domestic waste or by burning. ONLY discard or recycle according to local waste authority regulations.**
- ❑ **WARNING! DO NOT** allow a leaking battery to come into contact with your skin. If you come into contact with battery fluid take immediate action:
  - a) **Skin contact:** Wash immediately with soap and water.
  - b) **Eye contact:** Flush eye immediately with cool, clean running water for at least 15 minutes and seek immediate professional medical attention.

## 2. INTRODUCTION & SPECIFICATIONS

Fluorescent tube flexibly mounted in base, producing knock-resistant lamps. 12V Light unit for electrical safety, powered by lead acid battery in base. Up to ten hours continuous use from a fully charged battery. Fitted with a 12V 3A cigarette lighter outlet. Splash-proof construction with non-slip base and extending carry-handle. Base will accept 18 or 36W light units. Supplied with mains battery charger.

Model No: .....ML20  
 Tube: .....18W  
 Tube Length: .....600mm  
 Battery: .....12V 12Ah  
 Operating Time (max.): .....10hrs  
 Overall Height: .....800mm

Model No: .....ML40  
 Tube: .....36W  
 Tube Length: .....1200mm  
 Battery: .....12V 12Ah  
 Operating Time (max.): .....6.5hrs  
 Overall Height: .....1380mm



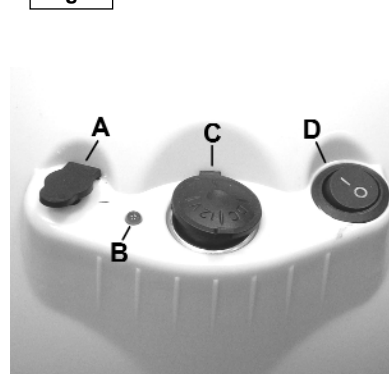
## 3. ASSEMBLY

### 3.1 ASSEMBLY

- 3.1.1 To assemble the wobble light, remove the product from its boxes carefully.
- 3.1.2 Screw the plastic tube into the base. To assist its progress, a little vaseline or WD40 can be used on the plastic threads. **Do not allow any lubricant to coat the connector pins at the base of the tube.**

## 4. OPERATION

Fig 1



### 4.1 CHARGING THE UNIT

- 4.1.1 Insert the charger lead plug into the inlet socket (fig 1.A).
- 4.1.2 Plug charger into mains socket and switch on.
- 4.1.3 The red LED (fig 1.B) will light up indicating a current is present.
- 4.1.4 Charge for approximately 24 hours.

x **DO NOT** attempt to use the light while it is connected to the charger.

### 4.2 USING THE LANTERN

- 4.2.1 To operate the lantern simply flip the power switch (fig 1.D) either on or off (I/O).

### 4.3 EMERGENCY LIGHTING

- 4.3.1 While the unit is plugged into the mains the light will be disabled, however, if a power cut occurs the light will illuminate, acting as a temporary emergency light (the power switch needs to be in the "ON" position).

### 4.4 DC OUTLET

- 4.4.1 The DC outlet (fig C) can be used as a charge source to charge items such as mobile phones.

## 5. MAINTENANCE

- ❑ **WARNING!** Before replacing the fluorescent tube or performing any maintenance the unit must be switched off and not connected to the charger.
- ❑ **WARNING!** Do not turn the unit on with the transparent cover removed or with the tubes removed.

### 5.1 CHANGING THE FLUORESCENT TUBE

**IMPORTANT!** Replacement tube must be the same type and rating as the original tube supplied.

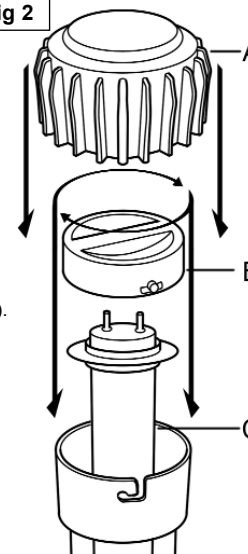
Use Sealey replacement tube (see parts list for part numbers).

- 5.1.1 Remove the rubber cap located at the top of the tube assembly (fig 2.A).
- 5.1.2 Turn the inner cap in an anti-clockwise direction and lift to remove (fig 2.B).
- 5.1.3 The fluorescent tube will now slide straight out of the tube assembly (fig 2.C). Replace the tube.
- 5.1.4 Refit the inner cap, making sure the connector lines up with the terminal situated on the tube assembly and place the rubber cap back on the top.
- 5.1.5 Ensure that the tubes and caps are correctly installed and seated before turning on.

### 5.2 CLEANING

- 5.2.1 Clean the unit with a damp cloth and a mild soapy solution. Do not use solvents or abrasive cleaners.

Fig 2



**Declaration of Conformity** We, the sole distributor in the UK, declare that the products listed here are in conformity with the following standards and directives. The construction files for these products are held by the manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

### WOBBLE LIGHTS

MODELS: ML20-ML40

73/23/EEC Low Voltage Directive  
 89/336/EEC EMC Directive  
 93/68/EEC Marking Directive

Signed by Mark Sweetman

6th June 2005

For Jack Sealey Ltd. Sole distributor in the UK of Sealey Power Products.