

# DRAPER®

INSTRUCTIONS FOR

# 2 Million Candle Power Rechargeable Halogen Lamp

Stock No.26540

Part No.RHL2002

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.



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DRAPER®

## GENERAL INFORMATION

These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product.

Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

# 1. TITLE PAGE

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## **1.1 INTRODUCTION:**

USER MANUAL FOR:

## **2 MILLION CANDLE POWER RECHARGEABLE HALOGEN LAMP**

Stock no. 26540

Part no. RHL2002

## **1.2 REVISIONS:**

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Date first published Aug 2012.

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As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from: <http://www.drapertools.com/b2c/b2cmanuals.pgm>

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## **1.3 UNDERSTANDING THIS MANUALS SAFETY CONTENT:**

**WARNING!** Information that draws attention to the risk of injury or death.

**CAUTION!** Information that draws attention to the risk of damage to the product or surroundings.

**NOTE!** Important information.

## **1.4 COPYRIGHT © NOTICE:**

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## 3. GUARANTEE

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### 3.1 GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England.

Telephone Sales Desk: (023) 8049 4333 or Product Helpline (023) 8049 4344.

A proof of purchase must be provided with the tool.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee period covering parts/labour is 12 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase. The guarantee is extended to 24 months for parts only. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

Note: If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.

## 4. INTRODUCTION

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### 4.1 SCOPE

Aluminium bodied halogen bulb torch with pistol grip handle. Suitable for use in industrial, domestic and leisure activities. Supplied with sealed in rechargeable 6V lead acid battery, 230V AC mains charger and 12 volt accessory charger.

### 4.2 SPECIFICATION

Stock no .....	26540
Part no .....	RHL2002
Bulb .....	H3/55W
Battery:	
Type .....	Sealed lead acid
Rated voltage.....	6V
Rating .....	4.0Ah
Charging time.....	10 – 12 hrs
Continuous lamp operating time (on one full charge).....	20 mins
Charger:	
Rated voltage.....	230V~
Rated frequency .....	50Hz
Rated power input .....	2.7W
Rated D.C. output voltage .....	9V
Rated D.C. output current.....	300mA
Construction .....	Class II

### 4.3 HANDLING & STORAGE

Store in a dry location out of the reach of children.

# 5. HEALTH & SAFETY INFORMATION

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## 5.1 GENERAL SAFETY INSTRUCTIONS

### General Power Tools Safety Warnings

 **WARNING: Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.**

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

#### 1) Electrical Safety

- a) **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electrical shock.
- b) **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.** Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

#### 2) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

#### 3) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

## 5. HEALTH & SAFETY INFORMATION

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### ***5.2 CONNECTION TO THE POWER SUPPLY (CHARGER)***

This lamp comes supplied with a UK standard 3 pin charger. It is designed for connection to a domestic power supply rated at 230V AC.

It is Class 2 (double insulated); is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

If an extension lead is required, use an approved and compatible lead rated for this appliance. Follow all the instructions supplied with the extension lead.

This product requires no earth connection as supplementary insulation is applied to the basic insulation to protect against electric shock in the event of failure of the basic insulation.

## 6. BATTERY INFORMATION

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### 6.1 BATTERY CHARGING.

The battery will require ten to twelve charges/discharges before it reaches its full capacity.

### 6.2 SAFETY INSTRUCTIONS FOR RECHARGEABLE BATTERIES.

- Do not expose to rain or water.
- Do not overcharge the battery as this may damage the battery cells.
- Ensure that the battery pack is not exposed to direct sunlight, domestic heaters or other sources of heat.
- Temperatures of more than 50°C and high moisture levels will damage the battery pack.

### 6.3 HEALTH AND SAFETY FOR BATTERY PACKS:

#### General:

- Do not put in a fire or mutilate – the cells may burst or release toxic materials.
- Do not short circuit the cells as they may cause burns.

#### Disposal:

- Do not mutilate the batteries as corrosive electrolyte will be released.
- Do not incinerate – danger of explosion and toxic fumes will be released.
- Do not dispose of batteries or cells when they are in charged condition.
- Expired dry lead acid batteries must be recycled/disposed of in accordance with appropriate regulations legislation. They should be returned to your local stockist.





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# 7. TECHNICAL DESCRIPTION

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## 7.1 IDENTIFICATION



- ① Pistol grip handle
- ② On/Off trigger switch
- ③ On position locking switch
- ④ Carry handle
- ⑤ Lens
- ⑥ 230V AC/12V DC Charger input point

# 7. UNPACKING & CHECKING

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## 7.2 PACKAGING

Carefully remove the lamp from the packaging and examine it for any sign of damage that may have happened during shipping. Lay the contents out and check them against the parts shown below. If any part is damaged or missing; please contact the Draper Helpline (the telephone number appears on the Title page) and do not attempt to use the lamp.

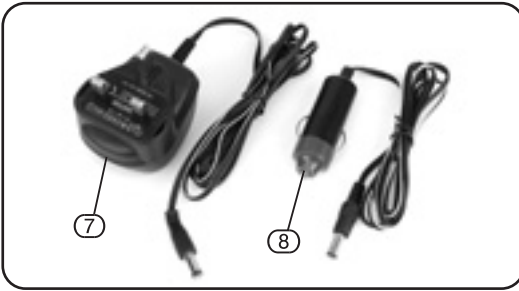
The packaging material should be retained at least during the guarantee period: in case the lamp needs to be returned for repair.

Warning! Some of the packaging materials used may be harmful to children. Do not leave any of these materials in the reach of children.

If any of the packaging is to be thrown away, make sure they are disposed of correctly; according to local regulations.

## 7.3 WHAT'S IN THE BOX?

As well as the lamp; there are several parts not fitted or attached to it.



⑦ 230V AC mains charging adaptor.

⑧ 12V DC accessory connector lead.

## 8. OPERATION AND USE

### 8.1 CHARGING AC OR DC - FIG. 1

The RHL2002 will provide approximately 20 mins. of continuous use when fully charged. As the charge diminishes, the light intensity will begin to reduce. The battery will require charging for approximately 10 – 12 hours before the first use and should be recharged before the battery is drained completely. Regular charging and discharging will prolong the life of the battery. Before charging ensure the on/off button is in the off position. Insert the pin from either the 12V DC charging lead (8) or the 230V AC charging adaptor lead (7) into the charger connector (6) on the handle of the lamp.

**Note:** if stored for emergencies, ensure it is fully charged and recharge every four months regardless of use.

### 8.2 SPOTLIGHT OPERATION - FIG. 2

To operate the main beam, press the On/Off trigger (2). For prolonged or hands free operation hold in trigger and lock the switch (3) to the bottom position.

**Note:** The RHL2002 produces a very powerful, high intensity light. Do not point the spotlight at the eyes. The spotlight generates heat. Do not touch the lens cover or aim at objects that are very close.



## 9. MAINTENANCE

### 9.1 SPOTLIGHT BULB REPLACEMENT - FIGS. 3 - 5

- Remove the lens protective surround (5.1).
- Remove the 2 screws in the plastic collar (5.2) holding in the lens assembly. Pull the assembly out to access the rear of the lens.
- Unplug the fly lead on the bulb at connection (5.3).
- Unclip the retaining wire (5.4) and remove the bulb.

**Note:** Do not touch the replacement bulb on the glass area with fingers, as the natural oils from your skin will adhere to the glass reducing the life of the bulb.

- Clip in the bulb, reconnect the lead and reassemble the lens assembly.

**Note:** If the lens requires cleaning, use a damp cloth with some standard glass cleaner.

FIG.3

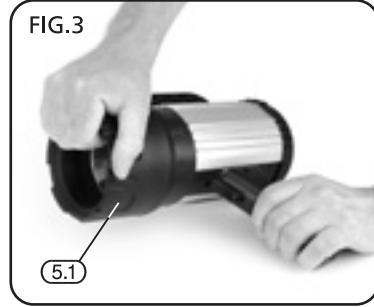
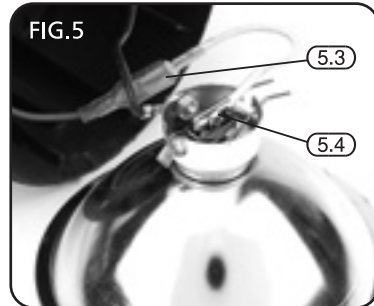


FIG.4



FIG.5



# 10. EXPLANATION OF SYMBOLS

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## 10.1 EXPLANATION OF SYMBOLS



Class II construction  
(Double insulated).



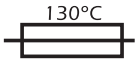
WEEE  
Do not dispose of Waste Electrical & Electronic  
Equipment in with domestic rubbish



For indoor use only.  
Do not expose to rain.



Battery must be recycled or disposed of properly.  
Contains heavy metal - separate collection.



Non-Self-Resetting protective device.



Short-circuit-proof safety isolating transformer.



Polarity indication.

# 11. DISPOSAL

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## 11.1 DISPOSAL

At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.

Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Do not abandon in the environment.
- Do not dispose of WEEE\* as unsorted municipal waste.



## 11.2 HEALTH AND SAFETY FOR BATTERIES

General: Do not put in fire or mutilate - cells may burst or release toxic materials.

Do not short circuit cells, may cause burns.

The battery must be removed from the appliance before it is scrapped.

The battery is to be disposed of safely.

## 11.3 DISPOSAL

Do not mutilate batteries, corrosive electrolyte will be released.

Do not incinerate - danger of explosion and release of toxic fumes.

Do not dispose of batteries or cells in a charged condition.

Expired nickel-cadmium batteries must be recycled/disposed of in accordance with the appropriate regulation or legislation. They should be returned to your local warranty agent/stockist.

\* Waste Electrical & Electronic Equipment.













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