



DRAPER[®]

3.7V

INSPECTION LAMP

71145



IMPORTANT: Please read these instructions carefully to ensure the safe and effective use of this product and save these instructions for future reference. This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. 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 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

1.1 INTRODUCTION:

USER MANUAL FOR:

3.7V INSPECTION LAMP

Stock no. 71145.

Part no. RIL10.

1.2 REVISIONS:

Date first published March 2017

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/manuals>

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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.

1.4 COPYRIGHT © NOTICE:

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2. CONTENTS

2.1 CONTENTS

Page content	Page
1 TITLE PAGE	
1.1 INTRODUCTION	2
1.2 REVISION HISTORY	2
1.3 UNDERSTANDING THIS MANUAL	2
1.4 COPYRIGHT NOTICE	2
2 CONTENTS	
2.1 CONTENTS	3
3 GUARANTEE	
3.1 GUARANTEE	4
4 INTRODUCTION	
4.1 SCOPE	4
4.2 SPECIFICATION	4
4.3 HANDLING & STORAGE	4
5 HEALTH & SAFETY INFORMATION	
5.1 GENERAL SAFETY INSTRUCTIONS	4
5.2 CONNECTION TO THE POWER SUPPLY (CHARGER)	5
6 IDENTIFICATION	5
7 UNPACKING & CHECKING	
7.1 PACKAGING	5
7.2 WHAT'S IN THE BOX?	5
8 PREPARING THE INSPECTION LAMP	
8.1 CHARGING	5
9 OPERATING THE INSPECTION LAMP	
9.1 OPERATION	5
10 MAINTENANCE	5
11 EXPLANATION OF SYMBOLS	
11.1 EXPLANATION OF SYMBOLS	5
12 DISPOSAL	
12.1 DISPOSAL	5
DECLARATION OF CONFORMITY	ENCLOSED

3. GUARANTEE

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 90 days from the date of purchase. 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

4.1 SCOPE

10 SMD LED rechargeable inspection lamp, 10 LEDs to be used as an inspection lamp or 7 LEDs for use as a torch. Magnets on the base and on the rear, two 360° swivel hooks. Base pivots 180°, supplied with mains charger and 12V charger.

4.2 SPECIFICATION

Stock no.....	71145
Part no.....	RIL10
SMD LED.....	5W
Lumens:	
High.....	385
Low.....	190
Battery:	
Type.....	Li-ion
Rated Voltage.....	3.7V
Rating.....	1.8Ah
Charging time.....	4 hrs (approx.)
Charger:	
Rated Voltage.....	230V~
Rated Frequency.....	50Hz
Rated Power Input.....	9W
Rated D.C. Output Voltage.....	3.7V DC
Rated D.C. Output Current.....	1000mA
Construction.....	Class II
Lamp operating time:	
7 LED torch.....	10 hrs (approx.).
10 SMD LED inspection lamp	
low setting.....	4.5 hrs (approx.).
high setting.....	3 hrs (approx.).

4.3 HANDLING & STORAGE

Do not drop the inspection lamp as this can damage and shorten the life span of the unit.

Store in a dry location as damp conditions can damage the inspection lamp.

Charging on a regular bases in advised to prolong the life of the battery cells.

5. HEALTH & SAFETY INFORMATION

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) Work area safety

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical Safety

- 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.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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.

3) Personal Safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust related hazards.

4) Power Tool Use And Care

- Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation.** If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.

5) Battery tool use and care

- 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.
- Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- 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.
- 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.

6) Service

- 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.

5.2 CONNECTION TO THE POWER SUPPLY (CHARGER)

Make sure the power supply information on the machine's rating plate are compatible with the power supply you intend to connect it to.

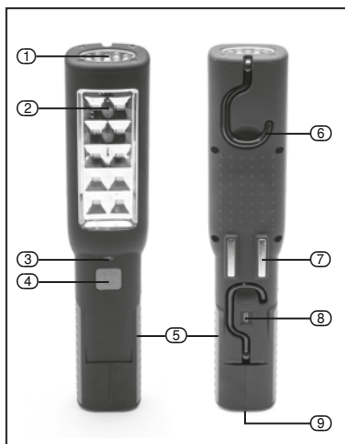
This lamp comes supplied with a UK standard 3 pin transformer. It is designed for connection to a domestic power supply rated at 230V AC.

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 instruction 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. IDENTIFICATION



- ① 7 LED torch
- ② 10 SMD LED inspection lamp
- ③ Change indicator
- ④ On/off switch
- ⑤ 180° jointed body
- ⑥ 360° swivel hooks
- ⑦ Magnet rear
- ⑧ Charger socket
- ⑨ Magnetic base
- ⑩ 230V charger
- ⑪ 12V DC charger
- ⑫ Micro USB charging lead

7.2 WHAT'S IN THE BOX?

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



7. UNPACKING & CHECKING

7.1 PACKAGING

Carefully remove the product from the packaging and examine it for any sign of damage caused during shipping. Lay the contents out and check them. If any part is damaged or missing, do not attempt to use the tool and contact the Draper Helpline immediately (see back page for details).

Retain the packaging material at least during the guarantee period: in case the machine needs to be returned for repair.

Warning! Some of the packaging materials used may be harmful to children, keep them out of reach from children.

Disposed of any packaging correctly and according to local regulations.

8. PREPARING THE INSPECTION LAMP

8.1 CHARGING - FIG.1

Connect the charger into the charging socket (8), which is located on the rear of inspection lamp. Connect the 230V charger or 12V DC charger to a power supply and turn it on.

The charging indicator LED (3) will illuminate to show the charging has started.

NOTE: The charging indicator remains lit and does not extinguish when the lamp is fully charged.

Disconnect the charger from the inspection lamp when it has been charged for a sufficient time.

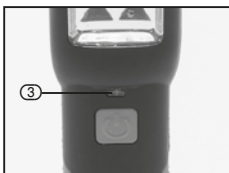


FIG.1

9. OPERATING THE INSPECTION LAMP

9.1 OPERATION - FIG.2

CAUTION: Never shine the LED light directly into your or any one else's eyes.

To run through the sequence of modes (10 SMD LEDs, 7 LEDs and off) Press the on/off (4) button.

The lamp can be suspended and swivel 360° hooks (6) or the magnets (7) and (9) located on the rear on base of the lamp.

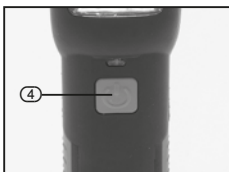


FIG.2

10. MAINTENANCE

Keep the inspection lamp clean from dirt and grease, using a damp cloth.

Do not submerge in water.

11. EXPLANATION OF SYMBOLS


11.1 EXPLANATION OF SYMBOLS

Carefully remove the product from the packaging and examine it for any sign of damage

 Class II construction (Double insulated).


 130°C

 Non-Self-Resetting protective device.

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

 F

Short-circuit-proof safety isolating transformer.

 For indoor use only.
Do not expose to rain.



Polarity indication.

12. DISPOSAL

12.1 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.

* Waste Electrical & Electronic Equipment.



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Service/Warranty Repair Agent:

For aftersales servicing or warranty repairs, please contact the
Draper Tools Helpline for details of an agent in your local area.

YOUR DRAPER STOCKIST

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