



## USER MANUAL

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**SP81456**

**SMD LED  
MAGBASE TORCH /  
WORKLIGHT**

**RETAIN THESE INSTRUCTIONS  
AND ATTACH RECEIPT TO  
MANUAL FOR FUTURE  
REFERENCE**

**NOTE:** Proof of purchase must be retained by the customer as it will be required in the event of a claim under warranty.

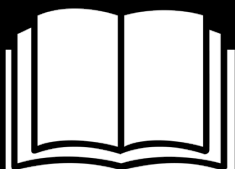


**AFTER SALES SUPPORT:**

**WWW.SPTOOLS.COM**

**AUSTRALIA:** Visit the website's **contact page** to get in touch with your local service department.

**INTERNATIONAL:** Use the **county selector** to get in touch with your service department in your country or region.



### **IMPORTANT**

**ALL PERSONS WHO ARE TO USE THIS EQUIPMENT MUST THOROUGHLY READ AND UNDERSTAND THIS INSTRUCTION MANUAL PRIOR TO OPERATION.**

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## INTRODUCTION

### MAN FEATURES:

- Special design optical lens offering 90degree flood light
- 1W High Power LED on top produces 300lux @ 0.5m output, 100lumen
- 6W High Power Main LED produce 450lux @ 0.5m output, 350lumen
- 180degree bendable housing.
- Strong magnetic base + two hooks on back
- Smart Charger with integrated indicator.

### WORK LIGHT OPERATION INSTRUCTIONS:

- Verify the charger is the original charger.
- Connect the charger to 240v power, if the connection is correct the indicator will show green
- Switch of the light before connecting to the charger.
- The indicator on the charger will turn red indicating charging has begun, once battery has charged the indicator will turn green.
- Press the ON switch once, and the single high-power LED spot light will come on. Second press will turn the spot light off and the main 6 high power LED's on. Third press turns all LED lights off.

### LED Indicator Information:

During charging the LED indicator (on the Lamp) will display as shown below

Lamp Red indicates: Charging



Lamp Green indicates: Charging Complete

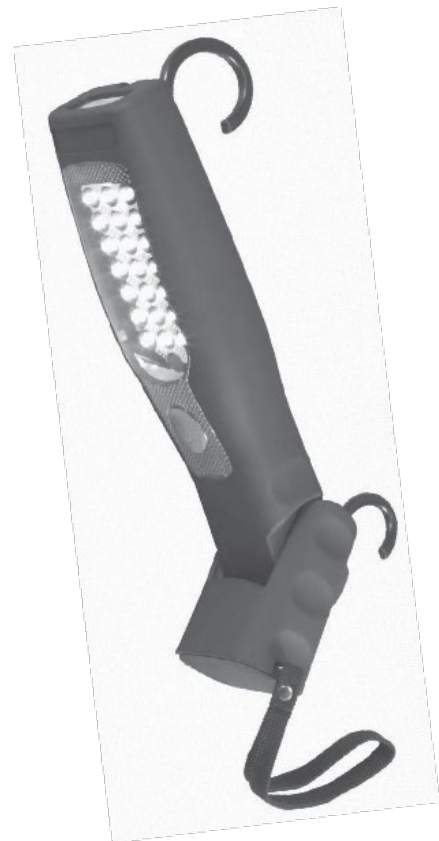
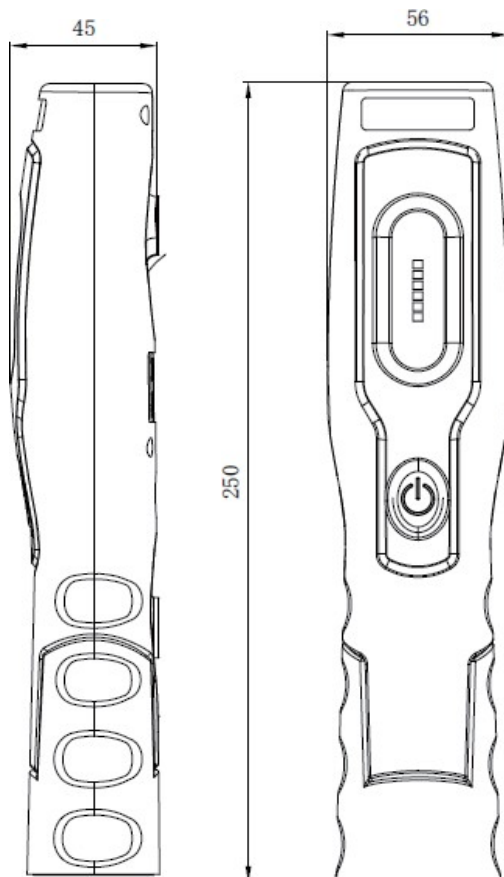


## CAUTION:

- Fully recharge the light until indicator turns green, it is recommended you wait 30 mins before first use.
- Avoid looking directly into the beam
- Switch off the light when not in use.
- If light is to be stored for one month or more, ensure it is fully charged prior to storing
- Use original SP Tools charger only!

## Light Usage:

- The magnetic base provides good grip while the light angle can be adjusted forward or backwards through 180' degrees.
- Swivel hooks (2) are flush mounted in the rear housing of the light, Lift the swivel hook(s) and push up for use. After use, fold back for storage.
- Also located in the end of the housing is an Ultra bright single LED array for spot work or extended lighting time.
- Use the wrist strap for added safety when working at height or over machinery



## Important Safety Instructions for Charger & Battery Pack:



- Only plug the charger into a 240 Volt ac power outlet.
- Before using charger, read all instructions and cautionary markings on battery packs and chargers.
- The battery charger is intended for indoors use only.
- Do not expose or use the charger in rain, snow or other damp or wet locations
- Do not operate the charger in direct sun light or extreme temperature conditions.
- Do not use the charger in an environment with flammable liquids, dust or gases.
- Guard against electric shock. Keep children away. Do not let visitors touch the tools or power cord. All visitors should be kept away from work area
- Caution To reduce the risk of injury, charge only SP specified Lithium Ion type rechargeable battery packs. Other types of battery packs may burst or explode causing personal injury and damage.
- The use of an attachment, not recommended or sold by the charger manufacture may result in a risk of fire, electric shock, or injury to persons.
- Make sure the cord is located so that it will not be stepped on, tripped on, tripped over, or otherwise subjected to damage or stress.
- Do not operate charger with damaged cord or plug. Replace them immediately.
- Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way, take it to qualified service centre.
- To reduce risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning.
- Do not wipe plastic parts with solvent. Solvents such as petrol, thinner, benzene, carbon tetrachloride, alcohol, ammonia and oil containing chloric annex may damage and cracked plastic parts. Cleaning must be done when the charger is unplugged - Wipe plastic parts with a soft cloth lightly dampened with soapy water
- Do not disassemble charger or battery pack, take it to a qualified service centre when repair is required. Incorrect reassembling may result in a risk of electric shock or fire.
- Do not charge battery pack when temperature is below 10°C or above 40°C.
- Do not charge inside a box or container of any kind. The flashlight must be placed in a well ventilated area during charging.
- Do not short the battery pack or charger terminals. Do not touch the terminals with any conductive material.
- Make sure you have dry hands when connecting the charger to mains power.
- Do not store the flashlight (battery pack) in locations where the temperature may approach or exceed 50°C.
- Do not incinerate the battery pack even if it is severely damaged or completely worn out. The battery pack can explode in a fire.
- Do not leave batteries unused for extended period of time. Recharge the battery every 3~6 months.
- Lithium-ion batteries will degenerate when exposed to high temperatures they should be kept cool, dry and out of direct sun light. Ideal storage temperature is below 25°C.
- When a fully charged battery can only be used for a very short period, the battery life is finished.
- A safety switch can enhance electrical safety when using electrical appliances.

## SPECIFICATIONS:

MODEL NO.	SMD MAGBASE WORK LIGHT
MODEL	SP81456
VOLTAGE	3.7V DC.2200mA
WEIGHT	0.375 kg
LED LIFE	100000Hrs
TEMPERATURE	o-c to 4o-c
RATING	IP20
RUN-TIME	3Hrs
BRIGHTNESS 6 PCS SMD LED	450 Lux @ 0.5m 350lumen
BRIGHTNESS 1PCS LED	300 Lux @ 0.5m 100lumen
<b>CHARGER</b>	
<b>Included</b>	
MODEL	SP81954
INPUT	100-240Vac 50/60Hz
OUTPUT	5V DC, 1000mA
CONSUMPTION	6-8W
TEMPERATURE	10°C to 40°C
CLASS II	Double insulated
FULL CHARGE	4Hrs
TO SUIT	3.7 Volt 2200mA Lithium-ion Battery

## **Battery Function Lithium-ion (Li-ion)**

Unlike nickel or lead-based batteries, Li-ion battery packs do not need cycling through charging and discharging. Such cycling will make little difference because the maximum capacity of Li-ion is available right from the beginning. Neither will a full discharge improve the capacity of a faded battery pack.

A lithium-ion battery in typical use, lasts between 2-3 years and provides 300-500 discharge/charge cycles. The battery prefers a partial rather than a full discharge. In fact, where possible it is better to avoid full discharges, instead charge the battery more often.

- *With a Li-ion battery there is no concern of developing "memory" when applying unscheduled charges.*
- *Avoid high charge levels and elevated temperatures; as this will hasten permanent capacity loss.*

The worst condition is keeping a fully charged battery at an elevated temperature, try to avoid leaving batteries in your car or other areas which may over heat, even so the battery pack will not die suddenly, loss becomes evident as reduced run-times.

Long term storage: wherever possible store lithium-ion batteries in a cool place (10°C to 25°C do not freeze) at about a 40% state-of-charge

## LIMITED WARRANTY

This Limited Warranty applies only to new products\* distributed by SP Tools Pty Ltd ("SP Tools"). It is a condition of this Limited Warranty Policy that the purchaser read the owner's manual for the product and only use the product to the extent or for the purposes stated therein. The purchaser must also ensure that all servicing requirements are completed as listed in the owner's manual (said servicing is at the owner's expense). We recommend that all servicing is completed by an authorised service agent and that records of said servicing are retained by the purchaser as proof in the event of a warranty claim.

Whilst the owner's manual, packaging, and/or other documentation supplied with SP Tools' products may provide details in respect of a Limited Warranty, the terms set out herein supersede these matters, and this Limited Warranty applies in their place. This warranty is no less advantageous than otherwise described in such other documentation.

SP Tools agrees, subject to the terms and conditions specified below, to repair or replace at SP Tools' cost, the product purchased by you when the product does not perform in accordance with its specifications during the limited warranty period, due to any fault in manufacturing, materials and/or workmanship. SP Tools is not liable to repair or replace products that the purchaser uses in a manner that is inconsistent with the owner's manual or in the circumstances set out in paragraphs 1.1 – 1.7 below.

The benefits to the purchaser under this warranty are in addition to other rights and remedies under the *Competition and Consumer Act 2010* (Cth). The limited warranty period, within which a defect in the product must appear, commences from the date of purchase and ceases on expiration of the specified term below.

### THE LIMITED WARRANTY PERIOD

- SP Speciality Tools – 12 Months



### THE PURCHASERS ATTENTION IS DRAWN TO THE FOLLOWING

To the extent permitted by law and subject to this Limited Warranty, and as part of the terms of the sale of the equipment or part thereof: SP Tools shall not be liable for any form of loss, damage, cost, injury or harm of any kind (whether direct, indirect, special or consequential) howsoever arising from the use or supply of the equipment to the purchaser.

### EXCLUSIONS TO LIMITED WARRANTY POLICY

This Limited Warranty will not apply where the equipment or any part thereof:

- 1.1 Fails due to an accident (including liquid spillage), abuse, misuse, neglect or normal wear and tear;
- 1.2 Has been used in a manner other than for which it was originally designed;
- 1.3 Has been tampered with or is otherwise than as supplied by SP Tools;
- 1.4 Where any damage, malfunction or other failure of the equipment or any part thereof resulted directly or indirectly from unauthorized persons, adjusting or failing to adjust any part requiring normal maintenance and service (examples include adjustment of tappets, air filter maintenance, lubrication and tightening of screws nuts and bolts);
- 1.5 Malfunctions due to the use of defective or incompatible accessories;
- 1.6 Is damaged by lightning or thunderstorm activity; or
- 1.7 Has been transported to a country where no authorised Service Agents exist.

### CLAIMING WARRANTY

This Limited Warranty may be claimed on in the following manner:

- 2.1 In order to make a claim under this Limited Warranty, the purchaser must deliver the equipment or any part thereof to an SP Tools authorised repair agent and pay all costs of transportation and all costs incidental to making a claim under this Limited Warranty. The purchaser must first contact SP Tools (contact details described above) and request the delivery address of an SP Tools authorised repair agent.
- 2.2 The purchaser must deliver to the repair agent written reasons why the purchaser considers that the purchaser has a claim under this Limited Warranty and must provide all necessary details, including:
  - The place, date and from whom the unit or part was purchased.
  - The unit or part involved, Model and Serial Number.
  - The defect, malfunction or failure in respect of which the claim is being made.
  - Proof of service of the unit or part (if applicable)
  - Proof of purchase in respect of the unit or part.
- 2.3 If the Limited Warranty claim is valid, the repair agent will carry out repairs and return the product at no charge to the purchaser. These repairs are limited to the Limited Warranty fault identified and as such will not include any other faults due to misuse, abuse, failure to maintain, fair wear and tear or the replacement of serviceable items such as oil, spark plugs, air filters, fuel etc.

Our goods come with guarantees that cannot be excluded under Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**Note:** Units which are failing to perform in accordance with specifications due to non-warrantable causes will be subject to freight, repair and or quote charge

