

Quality Assurance:

The company operates in accordance with the ISO9001: 2008 international quality management system. Mobile products are guaranteed for 3 years, and fixed products are guaranteed for 7 years (HID light source is guaranteed for 1 year). During the warranty period, any failures occur during normal use of the product. Contact our local service center, our company is responsible for maintenance free of charge; we will provide you with high quality and fast service.



Shenzhen SEVA Lighting Co., Ltd

Product Manual



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SZSW2951

Portable Mobile Lifting Work Light

Please read the product description carefully before use

Thank you for purchasing Shangwei Lighting.

This manual contains instructions for using SZSW2951 lamps.

All contents in this book are consistent with the latest products at the time of printing.

Be sure to read and understand the manual before use, otherwise wrong operation will cause personal injury or death or lamps damage.

1. Safety Matters

1. Do not charge the battery for a long time.
2. Do not use non-original chargers for charging
3. Fix the lamp securely so as not to damage the lamp
4. Fix all kinds of screws before using the lamps to avoid the lamps falling down automatically and causing accidents.
5. There is a slight self-discharge phenomenon when the battery is not in use.
Please charge and maintain it at intervals to avoid insufficient battery capacity during use.

2. Applicable Places

Suitable for portable mobile lifting work lights, mainly used in railway, power, public security, accident repair Handle abnormal situations, etc., provide mobile lighting for outdoor mobile night emergency lighting and other work sites

3. Parts Identification



4. Installation preparation

A series lamps (with junction box)



1. Loosen the two hand screws here to adjust the lamp Pole three tripods to make the lamp pole reach as shown The state shown.



Switch

2. Press the black switch of the lamp and adjust to the required state , followed by spotlight + flood working light, Spotlight + floodlight, single spotlight, single floodlight Light.
3. If necessary, follow the instructions on the back of the lamp Light button, turn on the indicator mode.



4. Loosen the lamp steel screws and raise the lamp head to a suitable position.
5. Retract the lamp in the opposite direction

5. Power On And Light Up

1. Before powering on the lamp, make sure that all electrical wires are well connected, and all screws of the housing have been tightened, and confirm that the connected voltage is within the specified range.
2. The LED lights immediately after the lamp is powered on. If the lamp does not light after being powered on, check whether the lamp is dead. If there is no electricity, please use it after charging

Description of work indicator battery status

Indicator status	State Description
Light up 1	20%
Light up 2	40%
Light up 3	60%
Light up 4	80%
Light up 5	100%

6. Use Of Lamps

1. Be sure to use our standard charger to charge this lamp to avoid accidents. The charging input voltage is AC220V

7. Maintenance

1. The repair, maintenance and maintenance work of the lamps and lanterns must ensure that the power supply is completely disconnected. After the lamps are extinguished, the temperature of the lamp housing is cooled to the point that it is not hot, which can be implemented to prevent electric shock or high temperature burns.

2. Regularly check whether there are hidden safety hazards such as falling off, aging or mouse bites. If so, replace the cables that meet the requirements in time.
3. Wipe the dust accumulated on the lamp housing and transparent parts regularly with a damp cloth to prevent dust accumulation on the transparent parts to affect the lighting effect (the power must be turned off and the lamp is cooled to operate)
4. Charge and maintain the battery on a regular basis, so as not to affect the use when there is no electricity.

8. Common troubleshooting

Failure phenomenon 1: The lamp is not bright.

Solution: ① Check whether the battery indicator has been discharged.

- ② Check whether the terminal of the terminal is loose, if it is, then tighten it again.

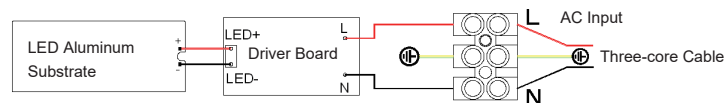
Trouble phenomenon 2: The lamp enters the water.

- Treatment methods: ① The screws of the light source cavity or the electrical box are not tightened or tightened. If yes, tighten them again.
- ② Confirm whether the sealing ring is off or not installed during the installation. If yes, reinstall the sealing ring or contact our local service personnel.
- ③ The reason may be that the Gland connector at the incoming line is not tightened. If it is, re-tighten the Gland connector.

Failure phenomenon 3. LED flashes

- Treatment method: ① Please check whether the voltage is not in the range of use, if yes, restore the voltage to the normal range.
- ② The drive power supply is faulty. If yes, please contact our local service personnel.

9. Wiring Diagram



10. Main Technical Parameters

No	Parameter		Unit	Value
1	Rated Voltage		V	14. 8
2	Rated Capacity		Ah	10
3	LED Bulb	Operating Voltage	V	12
		Rated Power	W	30
		Luminous Flux	lm	4800
		Average Service Life	h	100000
4	Continuous Discharge Time	Glare	h	8
		Working Light		16
5	Continuous Discharge Time	Sportlight	h	16
		Floodlight		12
6	Charging Time	After Normal Use	h	8
		When The Battery Runs Out		≤ 10
7	Battery Life		Cycle	1000
8	Dimension	Long	mm	1120
		Width		120
		Highest		1800
9	Weight		kg	5. 1