Shada 300166

SHADA 300166 Battery-Powered LED Spotlight User Manual

Model: 300166

1. PRODUCT OVERVIEW

The SHADA 300166 is a robust, battery-powered LED spotlight designed for various applications requiring portable and powerful illumination. Featuring a 20 Watt LED lamp, it delivers 1350 lumens of bright, 6500K cool white light with a wide 120° beam angle. Its IP65 rating ensures protection against dust and water jets, making it suitable for outdoor and demanding environments. The spotlight includes a stable stand, a convenient carrying handle, and a dimming function for adjustable brightness.

Image 1: The SHADA 300166 Battery-Powered LED Spotlight, showcasing its yellow frame, black LED housing, and adjustable stand with carrying handle.

2. Safety Instructions

- Read all instructions before operating the device.
- Do not look directly into the LED light source when it is active, as this may cause eye damage.
- Ensure the spotlight is placed on a stable, level surface to prevent tipping.
- Keep the device away from flammable materials.
- Do not attempt to open or modify the device. Repairs should only be performed by qualified personnel.

- Although rated IP65, do not submerge the spotlight in water.

- Use only the provided power supply and car charging cable for charging.

- Store the spotlight in a cool, dry place when not in use.

3. Package Contents

Please check the package for the following items:

- SHADA 300166 LED Spotlight (1 unit)

- Power Supply Unit (GS approved)

- Car Charging Cable

- User Manual

4. Setup

1. **Unpack:** Carefully remove all components from the packaging.

2. **Positioning:** Place the spotlight on a stable, flat surface. The adjustable stand allows for tilting the light head to the desired angle. Secure the angle by tightening the adjustment knobs on the sides of the light head.

3. **Initial Charge:** Before first use, it is recommended to fully charge the spotlight. Connect the power supply unit to the charging port on the spotlight and plug it into a suitable power outlet. Alternatively, use the car charging cable to charge from a vehicle's 12V socket. The charging indicator (if present) will show the charging status.

5. Operating Instructions

1. **Power On/Off:** Locate the power button, typically on the back or side of the LED housing. Press the button once to turn the spotlight on. Press it again to turn it off.

2. **Dimming Function:** This model features a dimming function. To adjust brightness, press the power button repeatedly. Each press will cycle through different brightness levels (e.g., 100%, 50%, 25%, Off).

3. **Charging:** When the battery level is low, the light output may decrease, or an indicator light may activate. Connect the appropriate charging cable (wall adapter or car charger) to the charging port. Ensure the power source is active.

6. Maintenance

- **Cleaning:** Disconnect the spotlight from any power source before cleaning. Use a soft, damp cloth to wipe the exterior. Do not use abrasive cleaners or solvents.

- **Storage:** Store the spotlight in a dry, cool place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (around 50%) and recharge every 3-6 months to maintain battery health.

- **Battery Care:** Avoid fully discharging the battery frequently. Recharge promptly when the battery is low.

7. Troubleshooting

Problem	Possible Cause	Solution

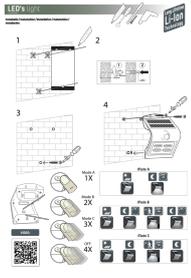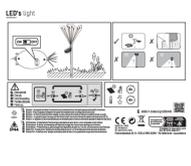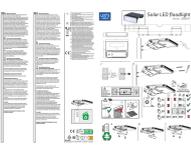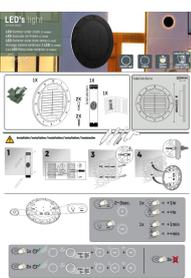| Problem	Possible Cause	Solution
Spotlight does not turn on.	Battery is discharged.	Charge the battery using the provided power supply or car charger.
Light output is dim.	Battery is low or dimming function is active.	Recharge the battery. Press the power button to cycle through brightness levels.
Spotlight not charging.	Charging cable or power adapter faulty; power outlet not active.	Check connections. Try a different power outlet. Ensure the charging cable is not damaged.
Light flickers.	Low battery.	Recharge the battery.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Shada
Model Number	300166
Product Dimensions	19 x 22.2 x 24.4 cm
Weight	1.94 kg
Material	Aluminum
Power Source	Battery Powered
Voltage	12 Volt
Wattage	20 Watt
Lamp Type	LED
Luminous Flux	1350 Lumen
Light Color	6500K
Beam Angle	120°
Special Features	Dimmable
IP Rating	IP65
Batteries Required	No (Integrated)
First Available Date	January 15, 2020

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

Related Documents - 300166

	Shada LED Outdoor Light Installation and Safety Guide (Model 300404) Comprehensive guide for installing and operating the Shada LED outdoor light series (Model 300404), including step-by-step installation, mode explanations, safety warnings, and maintenance tips.
	Shada LED's Light Outdoor Solar Garden Light - User Guide Comprehensive guide for Shada's LED's Light outdoor solar garden light (model 1000448). Covers setup, optimal placement, safety warnings (Class III, IP44), cleaning, maintenance, and disposal. Features solar charging for extended illumination.
	Shada Solar LED Floodlight 0300417 - Installation and Safety Guide Comprehensive guide for the Shada Solar LED Floodlight (Art.Nr. 0300417), covering safety instructions, installation, maintenance, and disposal. Features detailed descriptions of diagrams and symbols.
	Shada LED Outdoor Solar Clock - Installation and Safety Guide Comprehensive guide for the Shada LED Outdoor Solar Clock (Model 300412), covering installation, operation, safety precautions, and maintenance. Features solar power, two lighting modes, and warm white light.
	SHADA LED's Light Outdoor Series (300404): Solar-Powered Security Light Guide Comprehensive guide to the SHADA LED's Light Outdoor Series (model 300404). Learn about its specifications, solar power, motion sensor modes, IP65 rating, safety instructions, and compliance. Ideal for outdoor security and illumination.
	Shada LED's Work 40W Worklight for Powertool Batteries - Instruction Manual Comprehensive guide for the Shada LED's Work 40W worklight. Learn about its features, 18-21V battery compatibility (Makita, Dewalt, Milwaukee, Bosch, CAS), operation, dimming, USB output, and safety instructions. Ideal for professional job site lighting.