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Scangrip Sunmatch 4

Scangrip Sunmatch 4 Rechargeable LED Work Light User Manual

Model: Sunmatch 4

1. Introduction

The Scangrip Sunmatch 4 is a versatile, rechargeable LED work light designed for professional detailing, color matching, and inspection tasks. It features advanced CCT SCAN technology, a stepless dimmer, and a robust, dust and waterproof construction. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Sunmatch 4 work light.



Figure 1: The Scangrip Sunmatch 4 work light shown upright in its charging base, highlighting its compact design and main light panel.

2. Safety Instructions

Please read these safety instructions carefully before using the Scangrip Sunmatch 4. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not look directly into the LED light when it is on, as this may cause eye damage.
- Keep the device away from children and unauthorized persons.
- Use only the charger supplied or recommended by Scangrip. Using an incompatible charger may damage the battery or cause fire.
- Do not operate the light if it is damaged. Contact qualified service personnel for repairs.
- Do not disassemble, modify, or attempt to repair the device yourself.
- Avoid exposing the device to extreme temperatures, direct sunlight, or open flames.
- Ensure the charging port is dry before connecting the charger.
- Dispose of the battery and device according to local regulations. Do not dispose of in household waste.

3. Package Contents

Verify that all items are present in the package:

- Scangrip Sunmatch 4 Work Light
- SCANGRIP DIFFUSER SMALL
- Wall Plug Charger
- User Manual (this document)

4. Product Features

The Scangrip Sunmatch 4 is equipped with several advanced features for optimal performance:

- **CCT SCAN Function:** Stepless color temperature adjustment from 2500K to 6500K for precise color matching.
- **Stepless Dimmer:** Adjustable light output from 10% to 100%.
- **Spotlight:** Integrated inspection light at the top of the unit.
- **Flexible Positioning:** Features a turnable sturdy hook and a strong built-in magnet for versatile mounting. The lamp head tilts up to 180 degrees.
- **Durable Construction:** Dust and waterproof with an IP65 rating, and a solvent-resistant glass lens.
- **Battery Indicator:** Front-facing indicator shows battery status.
- **Intelligent Heat Protection:** Automatically switches to low mode (50%) after 3 minutes of continuous use at high mode to prevent overheating.
- **CRI+:** High Color Rendering Index for accurate color representation.
- **Diffuser:** Includes a small diffuser for soft, diffused light, reducing glare and reflections.



Figure 2: Graphic illustrating the stepless CCT SCAN function, showing a spectrum of light temperatures from warm (yellow/orange) to cool (blue).

5. Setup

5.1. Initial Charging

1. Before first use, fully charge the Sunmatch 4 work light.
2. Connect the provided wall plug charger to a power outlet and then to the charging port on the work light.
3. The battery indicator on the front of the unit will show the charging status. Allow several hours for a full charge.
4. Once fully charged, disconnect the charger.

Note: It is recommended to fully charge the battery before storing the device for extended periods to maintain battery health.

6. Operating Instructions

6.1. Power On/Off

Press the power button located on the side of the unit to turn the main light on or off. A separate button may control the spotlight.

6.2. CCT SCAN Function

1. Activate the CCT SCAN function by pressing the dedicated CCT SCAN button (if available, or cycle through modes).
2. The light will automatically scan the surface with the entire color temperature spectrum (2500K to 6500K).
3. To lock a specific color temperature, press the CCT SCAN button again when the desired temperature is displayed. This allows for customized light output for specific tasks.

6.3. Stepless Dimmer

While the main light is on, use the dimmer control (often integrated with the power button or a separate dial/button) to adjust the brightness from 10% to 100%.

6.4. Spotlight Operation

The spotlight, located at the top of the unit, can be activated independently for focused inspection. Refer to the device's physical buttons for specific spotlight activation.



Figure 3: A hand holding the Scangrip Sunmatch 4 work light, with its main LED panel illuminated, inspecting the surface of a blue car door.

6.5. Attaching the Diffuser

The included SCANGRIP DIFFUSER SMALL can be easily mounted on top of the lens. This accessory provides a softer, more diffused light, which helps reduce harsh shadows, blinding, and reflections during inspection.

7. Mounting Options

The Sunmatch 4 offers flexible mounting solutions:

- **Turnable Hook:** Utilize the sturdy, turnable hook to hang the light from various fixtures or edges.
- **Built-in Magnet:** The strong integrated magnet allows the light to be securely attached to metallic surfaces.
- **Flexible Lamp Head:** The lamp head can be tilted up to 180 degrees to direct light precisely where needed.



Figure 4: The Scangrip Sunmatch 4 work light positioned on a wet car surface, demonstrating its adjustable head and IP65 water resistance.

8. Maintenance

8.1. Cleaning

To clean the device, wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the housing or lens. Ensure the charging port is clean and free of debris.

8.2. Battery Care

For optimal battery life, avoid fully discharging the battery regularly. Recharge the device when the battery indicator shows low power. If storing the device for an extended period, charge it to approximately 50-70% and recharge every few months.

9. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the device fully.
Light is dim or flickers.	Low battery.	Recharge the battery.
Light switches to low mode unexpectedly.	Intelligent heat protection activated.	This is normal behavior. Allow the unit to cool down or operate in a cooler environment.
CCT SCAN function not working.	Incorrect operation or software glitch.	Ensure you are pressing the correct button. Try turning the device off and on again.

If the problem persists after trying these solutions, please contact Scangrip customer support.

10. Specifications

Model	Sunmatch 4
Light Source	LED
CCT Range	2500K - 6500K (Stepless CCT SCAN)
Dimmer Function	10% - 100% Stepless
Power Source	Battery Powered (1 Nonstandard Battery included)
Voltage	5 volts
IP Rating	IP65 (Dust and Waterproof)
Material	Plastic (Housing), Glass (Shade/Lens)
Mounting Type	Tabletop, Magnetic, Hook
Special Features	CCT SCAN, Stepless Dimmer, Spotlight, Heat Protection, CRI+

11. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or visit the official Scangrip website. If you encounter any issues or require technical assistance, please contact Scangrip customer support through their official channels.
Visit Scangrip Official Website

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