

SKNSL P50

SKNSL P50 Rechargeable Headlamp

User Manual

Model: P50 | Brand: SKNSL

INTRODUCTION

The SKNSL P50 Rechargeable Headlamp is designed to provide powerful and reliable illumination for various activities, including camping, hiking, hunting, and working in low-light conditions. Featuring a super bright LED chip, multiple lighting modes, adjustable focus, and IPX6 waterproofing, this headlamp offers convenience and durability.

What's in the Box

- SKNSL P50 Rechargeable Headlamp
- Head Band
- USB Cable
- 2 x Lithium Polymer Batteries (pre-installed or separate)



Image: The SKNSL P50 Rechargeable Headlamp, showing the main unit, adjustable headband, and USB charging cable.

SETUP

Battery Installation

The headlamp is powered by two Lithium Polymer batteries. Ensure they are correctly inserted into the battery compartment located at the rear of the headlamp. Observe the polarity markings (+/-) inside the compartment to ensure proper insertion.

RECHARGEABLE HEADLAMP

Charged for 4 hours and can be used for up to 45 hours



Image: A detailed view of the headlamp's components, highlighting the battery compartment and charging port.

Charging the Headlamp

Before first use, fully charge the headlamp. Connect the provided USB cable to the headlamp's USB-C port and plug the other end into a compatible USB power source (e.g., wall charger, power bank, computer USB port). The charging indicator light will show the charging status:

- **Red Light:** Charging in progress.
- **Green Light:** Fully charged.
- **Blue Light:** Headlamp is in operation.

A full charge typically takes 4-8 hours and provides up to 45 hours of runtime in low mode, or 8-10 hours in high brightness mode.



Image: Close-up of the headlamp's battery pack showing the LED indicators for charging status.

Adjusting the Headband

The headlamp features a comfortable and adjustable high-elasticity headband. Adjust the straps to ensure a secure yet comfortable fit on your head. The headlamp unit itself can be adjusted up to 90 degrees vertically to direct the light precisely where needed, minimizing strain during extended use.



Image: The headlamp demonstrating its 90-degree adjustable angle and the comfortable, adjustable headband.

OPERATING INSTRUCTIONS

Power On/Off and Mode Selection

To turn the headlamp on or off, press the power button located on the top of the headlamp unit. The headlamp offers three distinct lighting modes:

- **High Mode:** Provides maximum brightness (990,000 lumens) for extensive illumination.
- **Low Mode:** Offers reduced brightness for extended battery life and closer tasks.
- **Strobe Mode:** A flashing light for signaling or emergency situations.

Cycle through these modes by pressing the power button repeatedly. The headlamp also features a blue strobe light on the battery cover for night warning or visibility.

SUPER BRIGHT HEADLAMP

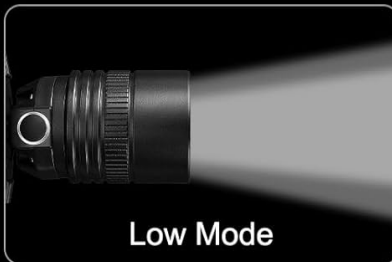


990000 Lumens

3 Working Modes



High Mode



Low Mode



Strobe Mode

Image: Visual representation of the headlamp's three working modes: High, Low, and Strobe.

Adjusting Focus (Spotlight to Floodlight)

The headlamp allows you to adjust the light beam from a narrow spotlight to a wide floodlight. To adjust the focus, gently pull or push the head of the headlamp unit. The spotlight mode can illuminate distances up to 3280 feet (1000 meters), while the floodlight mode provides broad area coverage.



Image: Illustration of the headlamp's adjustable focus feature, demonstrating both spotlight and floodlight capabilities.

MAINTENANCE

Cleaning

To clean the headlamp, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or internal components. Ensure the charging port cover is securely closed before cleaning to maintain water resistance.

Storage

Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, it is recommended to fully charge the batteries every 3-6 months to maintain their lifespan.

Waterproofing (IPX6 Rating)

The SKNSL P50 Headlamp is IPX6 water-resistant, meaning it can withstand powerful water jets. This makes it suitable for use in wet conditions, such as rain or splashes. However, it is not designed for submersion in water.



Switch button



Night warning blue light



USB charging

Image: The headlamp shown with water droplets, illustrating its IPX6 water resistance.

TROUBLESHOOTING

Common Issues and Solutions

- **Headlamp not turning on:**

- Ensure batteries are correctly installed with proper polarity.
- Charge the headlamp fully.
- Check the power button for any obstructions or damage.

- **Light is dim or flickers:**

- Recharge the batteries. Low battery power can cause dimming or flickering.
- Ensure the battery contacts are clean and free of debris.

- **Short battery life:**

- Ensure the headlamp is fully charged before use.
- Operating in High Mode will consume battery faster than Low Mode.

- Battery performance can be affected by extreme cold temperatures.
- **Focus adjustment is stiff:**
 - Gently twist and pull/push the head of the lamp. Avoid excessive force.
 - Clean any dirt or debris from the adjustable mechanism.

If you encounter issues not listed here or if the problem persists, please contact customer support.

SPECIFICATIONS

Brand	SKNSL
Model Number	P50
Brightness	990,000 Lumens
Light Source Type	LED
Power Source	Battery Powered
Battery Type	2 Lithium Polymer batteries (included)
Runtime	Up to 45 hours (low mode)
Water Resistance Level	IPX6 Waterproof
Material	Aluminum
Product Dimensions	3.9"D x 4.85"W x 3.75"H
Item Weight	10.2 ounces
Light Path Distance	Up to 3280 Feet (1000 m)
Special Features	High Power, Adjustable Light Modes, Weatherproof, Adjustable Focus, Rechargeable

WARRANTY AND SUPPORT

Warranty Information

The SKNSL P50 Rechargeable Headlamp comes with a Limited Warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. Generally, this includes:

- **60 Days:** Unconditional return policy.
- **24 Months:** Replacement available within 24 months.

Customer Support

For any questions, technical assistance, or warranty claims, please contact SKNSL customer support. We are dedicated to providing safe and practical lighting gear and offer lifetime after-sales service and technical support.

Response Time: Quick reply within 24 hours.

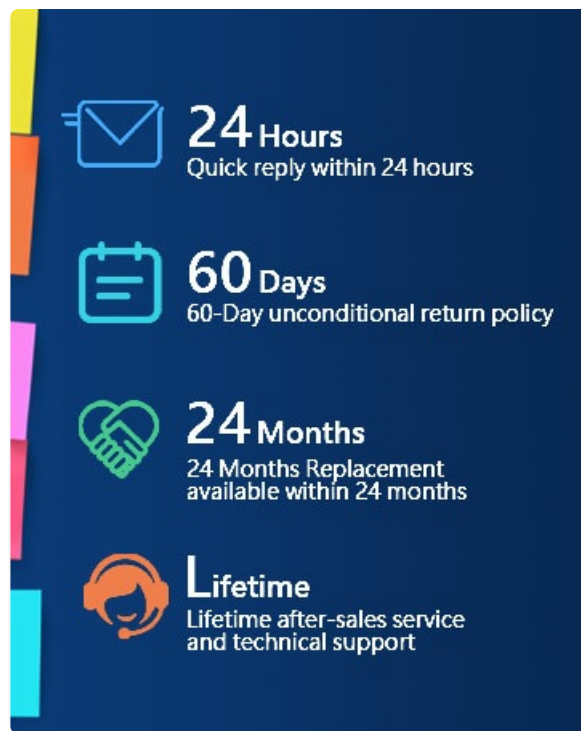


Image: Visual representation of SKNSL's customer support commitments.