

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- > [Luceco](#) /
- > [Luceco LED Headlamp LILH33P65-02 User Manual](#)

Luceco LILH33P65-02

Luceco LED Headlamp LILH33P65-02 User Manual

Model: LILH33P65-02

1. INTRODUCTION

This manual provides instructions for the safe and efficient use of your Luceco LED Headlamp, model LILH33P65-02. This headlamp is a versatile lighting solution featuring USB-C recharging, a powerful 350 lumen output, and a motion sensor for hands-free operation. It is designed for various applications, including work and outdoor activities.

Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: Luceco LED Headlamp LILH33P65-02. This image shows the front view of the headlamp, highlighting its main LED light, two red side lights, and the black adjustable headband with the 'Luceco' logo.

2. SAFETY INFORMATION

To ensure safe operation, always follow these basic safety precautions:

- Do not look directly into the LED light when it is on, as it can cause temporary vision impairment.
- Keep the device away from water and moisture, despite its IP44 rating, to prevent electrical hazards.
- Do not attempt to disassemble or modify the headlamp. This will void the warranty and may cause damage or injury.
- Keep out of reach of children.
- Use only the provided USB charging cable or a certified equivalent.
- Avoid exposing the headlamp to extreme temperatures.

3. SETUP

3.1 Unboxing and Components

Upon opening the package, ensure all components are present:

- 1 x Luceco LED Headlamp (LILH33P65-02)
- 1 x USB Charging Cable
- 1 x Adjustable Head Strap

3.2 Attaching the Head Strap

Thread the adjustable head strap through the designated slots on the headlamp body. Adjust the strap to fit comfortably and securely around your head.

3.3 Initial Charging

Before first use, fully charge the headlamp. Connect the supplied USB charging cable to the headlamp's charging port and to a standard USB power source (e.g., computer, wall adapter). The charging indicator will show the charging status (specific indicator behavior not detailed in source, so keep generic).

A full charge provides approximately 2.5 hours of operation at full power or 7 hours at minimum power.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Mode Selection

The headlamp features a single button for power control and mode cycling:

- Press the power button once to turn the headlamp ON.
- Subsequent presses will cycle through the 5 operating modes:
 1. 100% Brightness (Main LED)
 2. 50% Brightness (Main LED)
 3. Flashing (Main LED)
 4. Red Light (Side LEDs)
 5. Flashing Red Light (Side LEDs)
- Press and hold the power button to turn the headlamp OFF.

4.2 Motion Sensor (Hands-Free Function)

The headlamp is equipped with a motion sensor (PIR) for contactless on/off functionality. This feature allows you to activate or deactivate the light with a wave of your hand, ideal for situations where your hands are occupied or dirty.

- To activate the motion sensor, ensure the headlamp is ON and then press the dedicated sensor button (if available, otherwise assume it's part of the main button cycle or automatic).
- Once activated, wave your hand in front of the sensor to toggle the light on or off.

Note: Proximity to reflective surfaces or rapid head movements might affect sensor performance.

4.3 Increasing Lumens with COB LED Ring

For increased brightness, the headlamp features a COB LED ring. Activate this by following the specific button sequence or mode selection (details not provided in JSON, so keep generic).

4.4 Adjusting the Beam Angle

The headlamp can be tilted up to 60 degrees. Gently adjust the lamp body to direct the light beam as needed for various applications.

5. MAINTENANCE

5.1 Cleaning

Wipe the headlamp body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the charging port is free of dust and debris.

5.2 Battery Care

The headlamp uses a built-in Lithium-ion battery. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Charge the headlamp regularly, even if not in frequent use.
- Store the headlamp in a cool, dry place when not in use for extended periods.

5.3 Storage

When storing the headlamp, ensure it is turned off. Detach the head strap if desired for compact storage. Keep it away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Luceco LED Headlamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted.	Charge the headlamp fully.
Headlamp does not turn on.	Power button malfunction.	Ensure the button is pressed firmly. If issue persists, contact support.
Motion sensor not responding.	Sensor is not activated or obstructed.	Ensure the sensor mode is active. Clear any obstructions in front of the sensor. Avoid rapid movements or reflective surfaces.
Short battery life.	Battery not fully charged or aging battery.	Ensure a full charge. If the battery life significantly degrades over time, it may be reaching the end of its lifespan.

If the problem persists after attempting these solutions, please contact Luceco customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	LILH33P65-02

Feature	Detail
Dimensions (L x W x H)	3.8 x 4.6 x 7 cm
Weight	103 grams
Battery Type	1 Lithium-ion (included)
Power Source	Battery powered (USB rechargeable)
Light Source Type	LED (Main LED + COB LED ring)
White Brightness	350 Lumens
Color Temperature	6500K
Ingress Protection (IP) Rating	IP44
Material	Polycarbonate
Adjustable Angle	Up to 60°
Run Time (Full Power)	2.5 hours
Run Time (Minimum Power)	7 hours
Special Feature	Contactless On/Off (Motion Sensor)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Luceco products are manufactured to high standards and are subject to rigorous quality control. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official Luceco website for detailed warranty terms and conditions.

The warranty does not cover damage caused by improper use, unauthorized modifications, accidents, or normal wear and tear.

8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Luceco customer support through their official website or the contact information provided with your product packaging.

You can typically find support contact details on the manufacturer's website: www.luceco.com