Gaciron Kiwi-1200

Gaciron Kiwi-1200 Bike Front Light

User Manual

1. INTRODUCTION

Thank you for choosing the Gaciron Kiwi-1200 Bike Front Light. This high-performance headlight is designed to enhance your night riding safety and visibility with its powerful illumination, anti-glare technology, and robust construction. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new bike light.

Image: The Gaciron Kiwi-1200 Bike Front Light, showcasing its sleek design and handlebar mount.

2. PRODUCT OVERVIEW

The Gaciron Kiwi-1200 is engineered for optimal performance and durability. Key features include:

- **Super Bright Anti-Glare Beam:** Delivers a maximum output of 1200 lumens with an anti-glare cut-off beam to prevent blinding oncoming traffic, ensuring safer rides.
- **4 Smart Protections:** Incorporates Overcharge Protection, Over Discharge Protection, Short Circuit Protection, and Temperature Control Protection for enhanced safety and battery longevity.
- **C-C Rechargeable & Power Bank Function:** Equipped with a 4400mAh high-capacity battery, fully rechargeable in 2 hours via C-C cable. Can also function as a power bank to charge mobile devices.
- **Ultimate Compact CNC Housing:** Constructed from aluminum alloy for exquisite appearance, durability, and efficient heat dissipation.
- **IPX6 Waterproof:** Designed to withstand various weather conditions, ensuring reliable performance in rain, mud, and splashes.

Image: Overview of the Gaciron Kiwi-1200's key features, including its 1200 lumen output and anti-glare design.
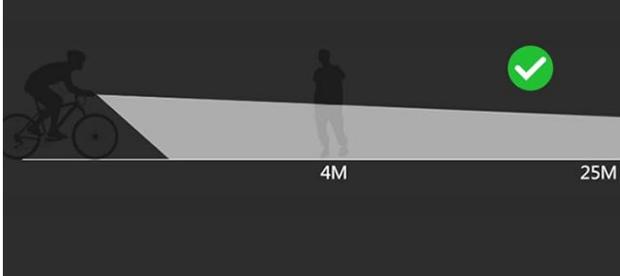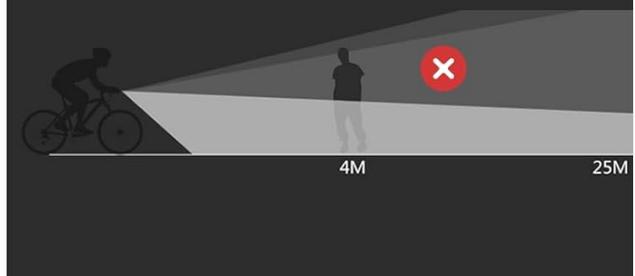
Image: Illustration demonstrating the anti-glare cut-off beam of the Kiwi-1200, which prevents dazzling oncoming traffic, compared to a standard light.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Kiwi-1200 Bike Front Light
- Buckle Mount Base
- Small Screws
- Gaciron Universal Handlebar Mount H07P
- Small Screwdriver
- Small Wrench
- 15cm C-C Power Supply Cable
- Environmentally Friendly Packaging Box

Mode	☀ lumen		⏱ Time	Fast Switch to High Steady Mode
Steady Mode (cycle) Turn ON/OFF long press power button for 0.75 seconds	High Steady	1200lm	≈1.5hrs	Under any working mode except high steady mode, double press the power button within 0.4 seconds to enter the high steady mode directly and single press to return to the memorized mode.
	Medium Steady	600lm	≈3hrs	
	Low Steady	300lm	≈6hrs	
Flash Mode (cycle) Long press power button for 2 seconds	Breathing Flash	50-100lm	≈20hrs	
	Daytime Flash	600lm	≈24hrs	

Image: A visual representation of all items included in the Gaciron Kiwi-1200 product package.

4. SETUP AND INSTALLATION

Follow these steps to properly install your Gaciron Kiwi-1200 Bike Front Light:

1. **Mount the Bracket:** Attach the buckle mount base to your bicycle handlebar and tighten the nut securely using the provided tools.
2. **Insert the Light:** Insert the bottom of the Kiwi-1200 light into the mounted bracket. Ensure it clicks securely into place.
3. **Adjust Angle:** Adjust the light angle to your preferred position for optimal visibility.

Note: The Kiwi-1200 can also be mounted underneath the handlebars, but this requires the Gaciron bike light mount H17, which is sold separately or included in specific bundled packages.

Image: Step-by-step guide for mounting the Kiwi-1200 on top of a bicycle handlebar.

5. Operating Instructions

Power On/Off and Mode Switching

The Kiwi-1200 features multiple lighting modes to suit various riding conditions.

- **Turn ON/OFF:** Long press the power button for 0.75 seconds.
- **Switch Steady Modes:** While in Steady Mode, short press the power button to cycle through High Steady, Medium Steady, and Low Steady.
- **Switch Flash Modes:** Long press the power button for 2 seconds to cycle through Breathing Flash and Daytime Flash.
- **Fast Switch to High Steady Mode:** Under any working mode except High Steady, double press the power button within 0.4 seconds to directly enter High Steady mode. Single press to return to the memorized mode.

Image: A user's hand interacting with the power button on the Kiwi-1200.

Lighting Modes and Run Time

Mode	Lumen Output	Approx. Run Time
High Steady	1200lm	~1.5hrs
Medium Steady	600lm	~3hrs
Low Steady	300lm	~6hrs
Breathing Flash	50-100lm	~20hrs
Daytime Flash	600lm	~24hrs

BATTERY LIFE PROTECTION

Constant current circuit

Overcharge protection

Over discharge protection

Short circuit protection

TEMPERATURE CONTROL PROTECTION

When the temperature is higher than 65℃,it will automatically switch to Medium Steady,and not switch back to the memorized mode until the temperature is lower than 55℃.When the temperature is higher than 90℃ or lower than -20℃,it will not exit the protection mode until the temperature returns to normal.

Protection Mode: Kiwi-1200 is forced to lock in the Low Steady mode, and the battery indicator light flashes three times and then goes off for one second repeatedly.

Image: Detailed table outlining the various lighting modes and their corresponding battery life.

Charging and Power Bank Function

To charge the Kiwi-1200, connect the provided C-C cable to the charging port and a suitable USB power source. The light can be fully charged in approximately 2 hours. When needed, you can use the light's power bank function to charge other devices like your phone or cycling computer by connecting them to the light via a C-C cable.

Image: The Kiwi-1200 demonstrating its power bank capability by charging a mobile phone.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Gaciron Kiwi-1200, follow these maintenance guidelines:

- **Cleaning:** Wipe the light body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place when not in use. If storing for extended periods, charge the battery to approximately 50% every 3-6 months to preserve battery health.
- **Water Exposure:** Although IPX6 waterproof, avoid prolonged submersion. After exposure to rain or splashes, wipe the light dry.
- **Temperature Control Protection:** The light has built-in temperature control. If the temperature exceeds 65°C, it will automatically switch to Medium Steady mode. It will not return to the memorized mode until the temperature is below 55°C. If the temperature is higher than 90°C or lower than -20°C, it will enter a protection mode (Low Steady, indicator flashes three times).

Image: Information on the smart protection features, including battery and temperature control.
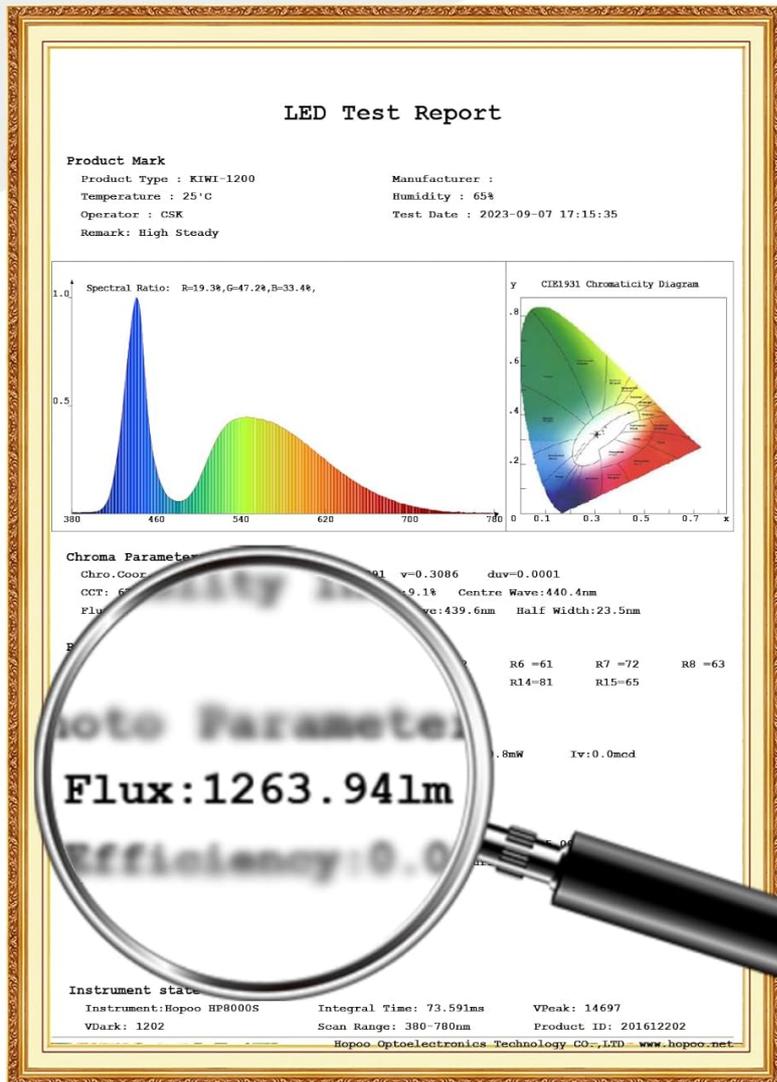
7. TROUBLESHOOTING

If you encounter issues with your Gaciron Kiwi-1200, please refer to the following common solutions:

- **Light Not Turning On:**

    - Ensure the battery is charged. Connect the light to a power source using the C-C cable.
    - Check if the power button is pressed correctly (long press for 0.75 seconds).

- **Light Output is Low or Flickering:**

    - The battery might be low. Recharge the light.
    - The light might be in temperature protection mode due to overheating. Allow it to cool down.

- **Cannot Charge Other Devices (Power Bank Function):**

    - Ensure the light has sufficient battery charge.
    - Verify the C-C cable connection is secure at both ends.
    - Check if the device you are trying to charge is compatible with USB-C power delivery.

- **Mount Not Secure:**

    - Re-tighten the mounting screws on the handlebar bracket.
    - Ensure the light is fully clicked into the buckle mount base.

If the issue persists, please contact Gaciron customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Name	Kiwi-1200
Brightness	1200 Lumens (Max)
Material	Aluminum, Nylon, Silicone
Power Source	Battery Powered (4400mAh)
Charging Port	USB-C (C-C Rechargeable)
Water Resistance Level	IPX6
Item Weight	160 Grams
Product Dimensions	4.12"L x 1.5"W x 1.03"H (104.7mm*38.3mm*26.4mm)
Mounting Type	Handlebar Mount
Color	Black

LED Test Report

Product Mark
Product Type : KIWI-1200   Manufacturer :
Temperature : 25°C   Humidity : 65%
Operator : CSK   Test Date : 2023-09-07 17:15:35
Remark: High Steady

Spectral Ratio: R=19.3%,G=47.2%,B=33.4%,

CIE1931 Chromaticity Diagram

Chroma Parameter
Chro.Coor   v=0.3086   duv=-0.0001
CCT: 6   9.1%   Centre Wave:440.4nm
Flu   ve:439.6nm   Half Width:23.5nm

R6 =61   R7 =72   R8 =63
R14=81   R15=65

Photo Parameter

Flux:1263.94lm

Efficiency:0.0

.8mW   Iv:0.0mcd

Instrument state
Instrument:Hopoo HP8000S   Integral Time: 73.591ms   VPeak: 14697
VDark: 1202   Scan Range: 380-780nm   Product ID: 201612202
Hopoo Optoelectronics Technology CO.,LTD www.hopoo.net

MEASURED MAXIMUM BRIGHTNESS OF 1200 LUMENS

Professional integrating sphere testing, derived from the authoritative LFC(Light Flux Color) measurement system

Reject false claims of brightness, welcome to suspicion, welcome to test

Image: Official LED test report confirming the 1200 lumen brightness output.

9. WARRANTY AND SUPPORT

The Gaciron Kiwi-1200 Bike Front Light comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty claims, or any other inquiries, please contact Gaciron customer service through the retailer where you purchased the product or visit the official Gaciron website for contact information.

Contact Information: Refer to your product packaging or the official Gaciron website for the most up-to-date support channels.