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› TOWILD DLite1200 Bike Light Instruction Manual

TOWILD DLite1200

TOWILD DLite1200 Bike Light Instruction Manual

Model: DLite1200 | Brand: TOWILD

1. INTRODUCTION

The TOWILD DLite1200 is a high-performance bicycle headlight designed for night riding, offering superior brightness and reliability. This manual provides detailed instructions for the proper installation, operation, and maintenance of your DLite1200 bike light to ensure optimal performance and longevity.



Figure 1.1: TOWILD DLite1200 Bike Light Overview

The image displays the TOWILD DLite1200 bike light, a compact black unit with two front lenses and control buttons on top. A mounting bracket is visible above the light, indicating its attachment mechanism.

2. PRODUCT FEATURES

- **High Brightness:** Delivers up to 1200 lumens for clear visibility during night rides.
- **Dual Light Source System:** Features both flood beam (wide spread) and focus beam (long distance) settings, similar to car headlights.
- **Intelligent Vibration Sense:** Automatically turns off after 2 minutes of inactivity and reactivates upon detecting movement, optimizing battery life.
- **Durable Construction:** Made from aluminum material, providing heat dissipation, drop proof, and anti-corrosion properties.

- **IPX5 Waterproof Rating:** Ensures reliable performance in various weather conditions, resistant to wind and rain.
- **Long-lasting Battery:** Equipped with a 4000mAh rechargeable battery, offering up to 11 hours of runtime depending on the mode.
- **Type-C Charging & Discharge:** Convenient USB Type-C charging and the ability to discharge power to charge other devices in emergencies.
- **Versatile Mounting:** Compatible with Garmin quarter lock mounts and can be combined with bike computers using an out-front mount. Supports handlebar and GoPro mounts.

Simulating the high and low beam settings of a car

FLOOD BEAM

150°

FOCUS BEAM

175 METERS

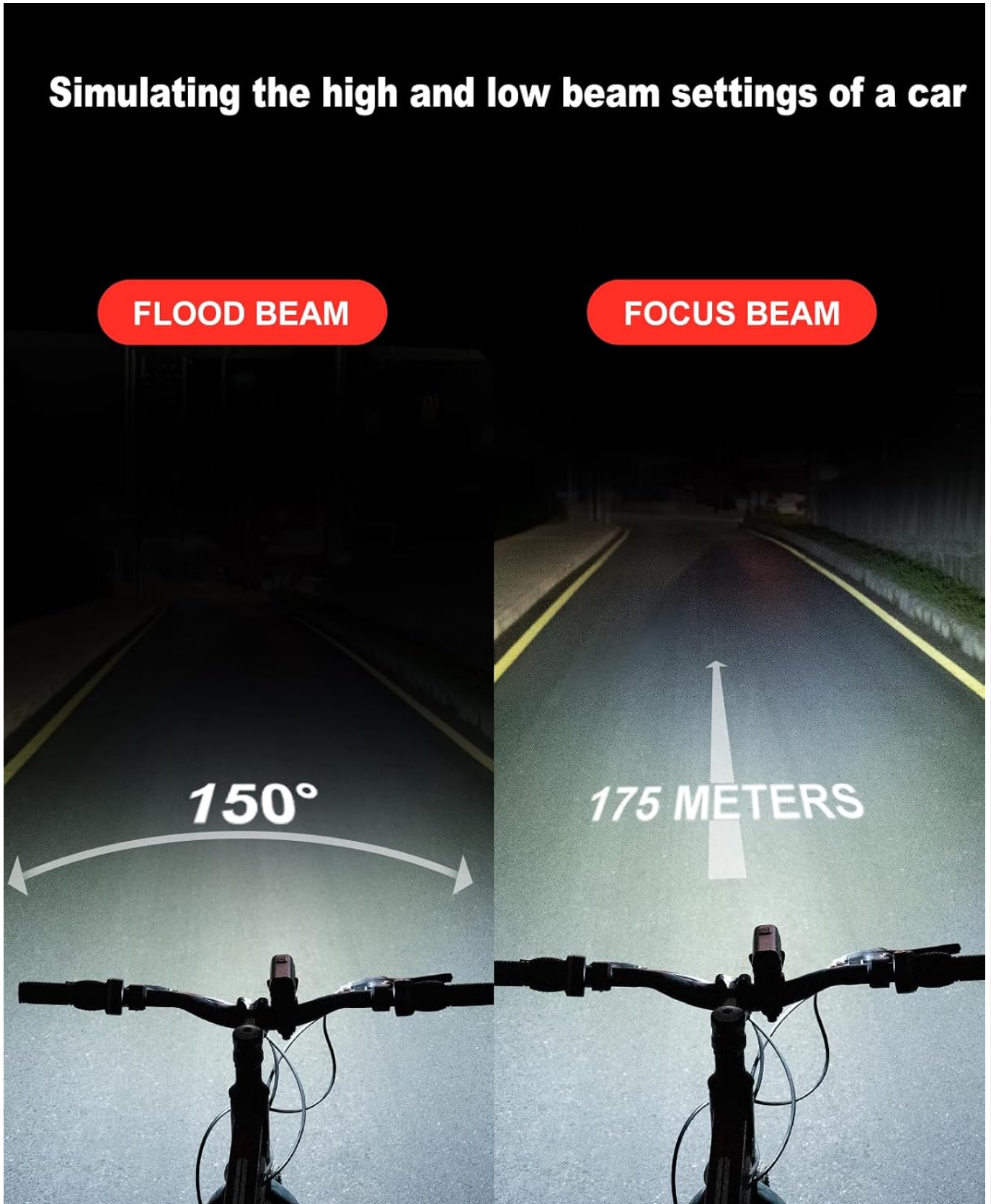


Figure 2.1: Flood Beam vs. Focus Beam

This image illustrates the difference between the flood beam, which provides a wide 150-degree spread of light, and the focus beam, which projects light up to 175 meters forward, simulating car headlight settings for varied riding conditions.



Figure 2.2: IPX5 Waterproofing

The image shows the DLite1200 bike light being splashed with water, highlighting its IPX5 water-resistant design, which makes it impervious to wind and rain.



Figure 2.3: Discharge Function

This image demonstrates the DLite1200's discharge function, allowing it to act as a power bank to charge other cycling equipment or smartphones via its USB Type-C port in emergency situations.

3. SETUP

3.1 Charging the Battery

Before first use, fully charge the DLite1200 bike light. The device is equipped with a 4000mAh rechargeable battery and supports Type-C charging.

1. Locate the USB Type-C charging port on the light.
2. Connect the provided USB Type-C cable to the light and plug the other end into a compatible USB power source (e.g., wall adapter, computer, power bank).

3. The power indicator lights will show charging status. A full charge typically takes approximately 3 hours.
4. Once fully charged, disconnect the cable.

TYPE-C CHARGE AND DISCHARGE

4000mAh Large Capacity Battery



Charging time:
3 hours
Runtime:
Up to 11 hours

Figure 3.1: Type-C Charging

This image shows the DLite1200 bike light being charged via its USB Type-C port, with an estimated charging time of 3 hours and a runtime of up to 11 hours.

3.2 Mounting the Light

The DLite1200 offers versatile mounting options to suit your preference and bike setup.

1. **Handlebar Mount:** Use the provided handlebar mount to secure the light firmly to your bicycle's handlebars. Ensure it is positioned centrally and angled correctly to illuminate the path ahead.
2. **Garmin/GoPro Compatible Mounts:** The light is designed to be compatible with Garmin quarter lock mounts and can be attached to existing GoPro-style mounts or out-front mounts for bike computers.
3. Ensure the light is securely fastened to prevent movement during rides.



Figure 3.2: Mounting Options

This image displays the various ways the DLite1200 can be mounted: as a side warning light, traditionally on the handlebar, or under-mounted, showcasing its adaptability with handlebar and GoPro mounts.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Mode Switching

The DLite1200 features a dual light source system with multiple modes for various riding conditions.

- **Power On/Off:** Long press the main power button (located on top) for 0.5 seconds to turn the light on or off.
- **Switching Modes:**
 - Short click the main power button to cycle through the available brightness modes within the current beam type (Flood or Focus).
 - Long press the secondary button (next to the power button) for 0.5 seconds to switch between Flood Beam and Focus Beam lighting modes.
- **Smart Mode / Manual Mode:** Long press the secondary button for 0.5 seconds to switch between Smart Mode and Manual Mode.

4.2 Light Modes and Runtimes

The DLite1200 offers six distinct lighting modes, including a Turbo mode accessible via remote control (if purchased separately).

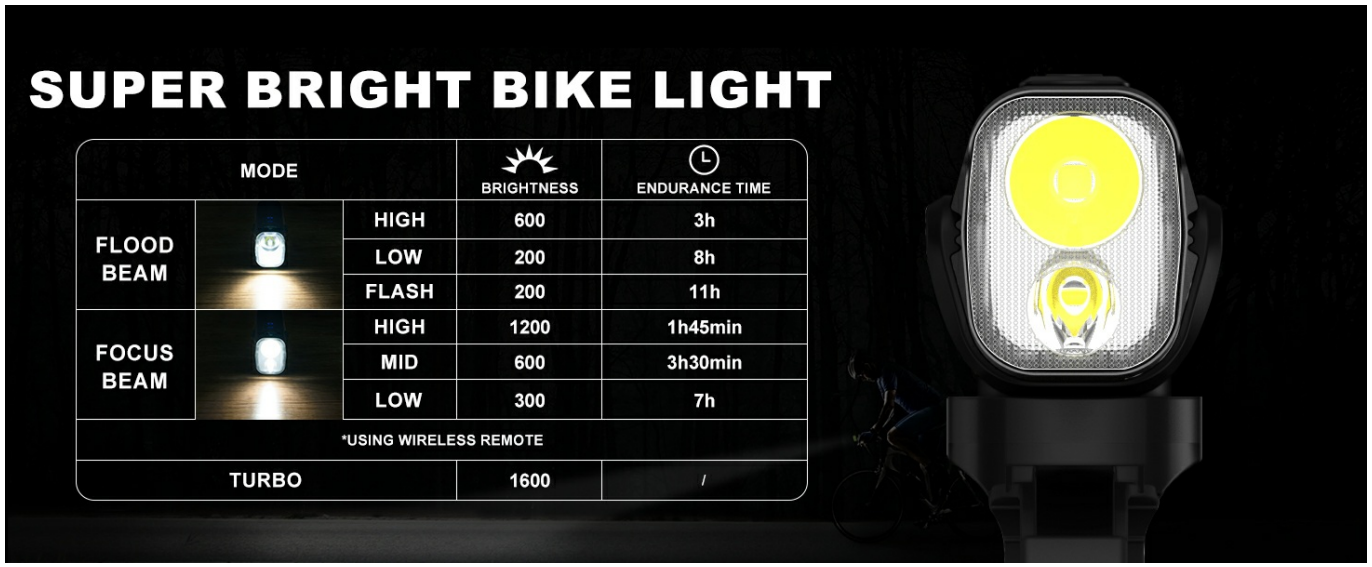


Figure 4.1: Brightness and Endurance Times

This table details the brightness (in lumens) and approximate endurance times for each lighting mode: Flood Beam (High, Low, Flash) and Focus Beam (High, Mid, Low). It also indicates a Turbo mode of 1600 lumens when using a wireless remote.

DLite1200 Lighting Modes and Runtimes

Beam Type	Mode	Brightness (Lumens)	Endurance Time
Flood Beam	High	600	3 hours
Flood Beam	Low	200	8 hours
Flood Beam	Flash	200	11 hours
Focus Beam	High	1200	1 hour 45 minutes
Focus Beam	Mid	600	3 hours 30 minutes
Focus Beam	Low	300	7 hours
	Turbo (with remote)	1600	N/A (Momentary)

4.3 Intelligent Vibration Sense

In Smart Mode, the DLite1200 automatically manages power to conserve battery life.

- If no movement is detected for 2 minutes, the light will automatically turn off.
- Upon detecting movement, the light will reactivate instantly.

VIBRATION SENSING

In Intelligent Mode auto-turn off after 2 minutes of inactivity and automatically turn on when detects movement

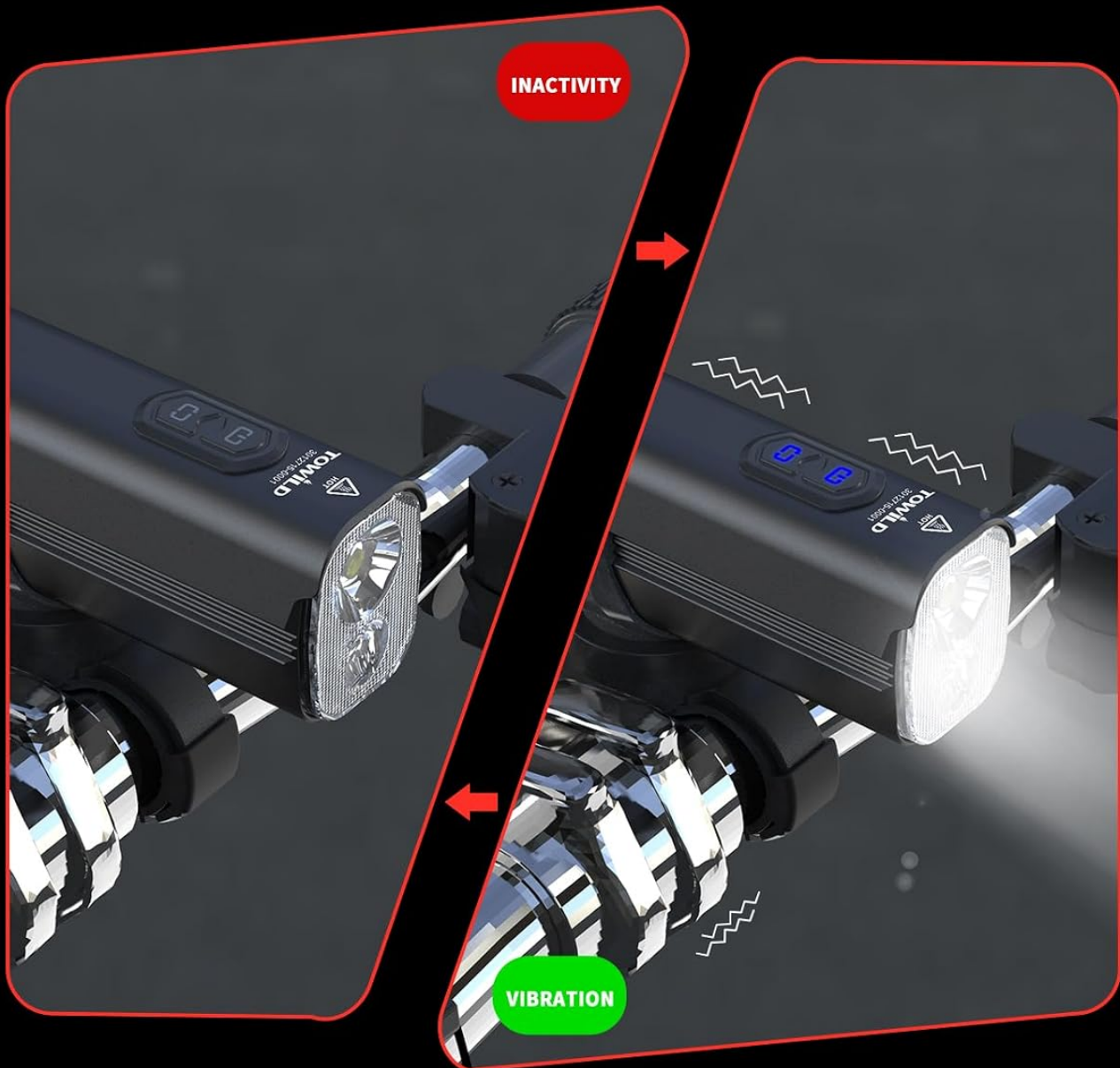


Figure 4.2: Vibration Sensing

This diagram illustrates the intelligent vibration sensing feature: the light turns off after 2 minutes of inactivity and automatically turns back on when movement is detected, optimizing battery life.

4.4 Power Indicator

The power indicator lights on the top of the unit provide real-time battery status.

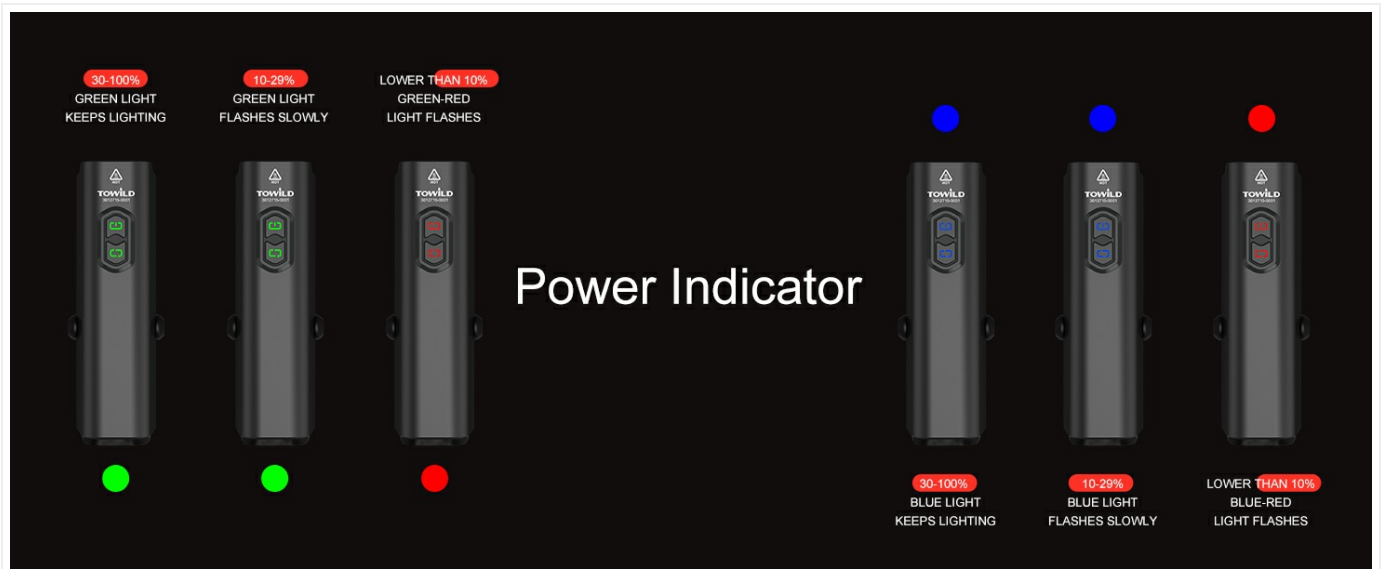


Figure 4.3: Power Indicator Status

This image displays the power indicator system: green light indicates 30-100% battery, green light flashing slowly indicates 10-29%, and red light flashing indicates less than 10% battery. A similar blue light system is also shown.

- **30-100% Battery:** Green light keeps lighting.
- **10-29% Battery:** Green light flashes slowly.
- **Less than 10% Battery:** Red light flashes.

5. MAINTENANCE

- **Cleaning:** Wipe the light body and lens with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Charging:** To prolong battery life, charge the light regularly, even if not in frequent use. Avoid completely draining the battery before recharging.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge the battery to approximately 50% every 3-6 months.
- **Temperature Control:** The light features intelligent temperature control. If the lamp head reaches 65°C, it automatically switches from high to medium brightness for safety and to prevent overheating.

INTELLIGENT TEMPERATURE CONTROL

When the lamp head reaches **65°C**, it automatically switches from high to medium brightness for safety.



Figure 5.1: Intelligent Temperature Control

This image illustrates the intelligent temperature control system of the DLite1200. When the lamp head reaches 65°C, the light automatically reduces brightness from high to medium to ensure safety and prevent damage from overheating. The diagram also highlights its aluminum alloy construction, heat dissipation, drop-proof, and anti-corrosion features.

6. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light fully using the Type-C cable.
Light turns off unexpectedly.	Low battery or Intelligent Vibration Sense activated.	Check battery indicator and recharge if necessary. If in Smart Mode, ensure continuous movement or switch to Manual Mode.
Light is dim or not as bright as expected.	Low battery or incorrect mode selected.	Recharge the battery. Cycle through modes to select a higher brightness setting. Ensure lens is clean.
Light does not charge.	Faulty cable, power source, or charging port.	Try a different USB Type-C cable and power source. Ensure the cable is fully inserted into the charging port.
Light overheats and dims.	Normal operation of intelligent temperature control.	This is a safety feature. The light will return to full brightness once it cools down. No action required.

7. SPECIFICATIONS

TOWILD DLite1200 Bike Light Specifications

Feature	Detail
Model Name	DLite1200
Brightness	Up to 1200 Lumens (1600 Lumens with remote Turbo)
Battery Capacity	4000mAh
Power Source	Battery Powered (Rechargeable via Type-C)
Material	Aluminum
Water Resistance Level	IPX5 Waterproof
Mounting Type	Handlebar Mount, Garmin/GoPro Compatible
Number of Settings	6 (Flood High/Low/Flash, Focus High/Mid/Low, Turbo)
Auto Part Position	Front
Item Package Dimensions	7.64 x 3.23 x 2.05 inches
Package Weight	0.29 Kilograms

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The TOWILD DLite1200 Bike Light comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact TOWILD customer support through the retailer where you purchased the product or visit the official TOWILD website for contact information. Please have your product model and purchase details ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question