towild DL1700

TOWILD DL1700 Bike Light User Manual

Model: DL1700 | Brand: TOWILD

INTRODUCTION

This manual provides detailed instructions for the proper use, installation, and maintenance of your TOWILD DL1700 Bike Light. The DL1700 is a powerful 1700-lumen dual light source system designed to enhance visibility and safety during night cycling. Its robust, waterproof construction and versatile mounting system make it suitable for various cycling environments, from mountain trails to city streets.

Please read this manual thoroughly before using the product to ensure optimal performance and safety.

PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- TOWILD DL1700 Bike Light Unit
- Wireless Remote Control
- Handlebar Mount (with O-rings)
- USB-C Charging Cable
- User Manual (this document)
- Allen Key for installation

Figure 1: Contents of the DL1700 package, including the light, remote, mount, and cables.

PRODUCT OVERVIEW

The TOWILD DL1700 features a compact and aerodynamic design, optimized for under-handlebar mounting. It incorporates a dual-lens optical system for both high and low beam illumination.

Figure 2: Front view of the DL1700 Bike Light.

Figure 3: DL1700 mounted under the handlebar.

Key Features:

- **Dual Light Source:** Provides both focused high beams and wider low beams for comprehensive illumination.
- **Wireless Remote Control:** Allows for safe and convenient mode switching without removing hands from the handlebars.
- **Vibration Sensing:** Intelligent standby mode automatically turns off when static and on when moving.
- **IPX6 Waterproof:** Designed to withstand heavy rain and harsh weather conditions.
- **USB-C Rechargeable:** Equipped with a 4000mAh battery, also functions as a portable power bank.
- **Durable Construction:** Built with 1.2-meter drop resistance.

SETUP

1. Mounting the Bike Light

The DL1700 is designed for under-handlebar mounting, compatible with Garmin quarter-lock mounts. This allows for quick attachment and detachment.

1. Attach the provided mount to your bicycle's handlebar using the O-rings or integrate it with your existing Garmin-compatible computer mount.
2. Align the DL1700 light unit with the mount's locking mechanism.
3. Twist the light unit clockwise until it clicks securely into place.

Easy to Mount

compatible with Garmin quarter lock mounts. quickly released,
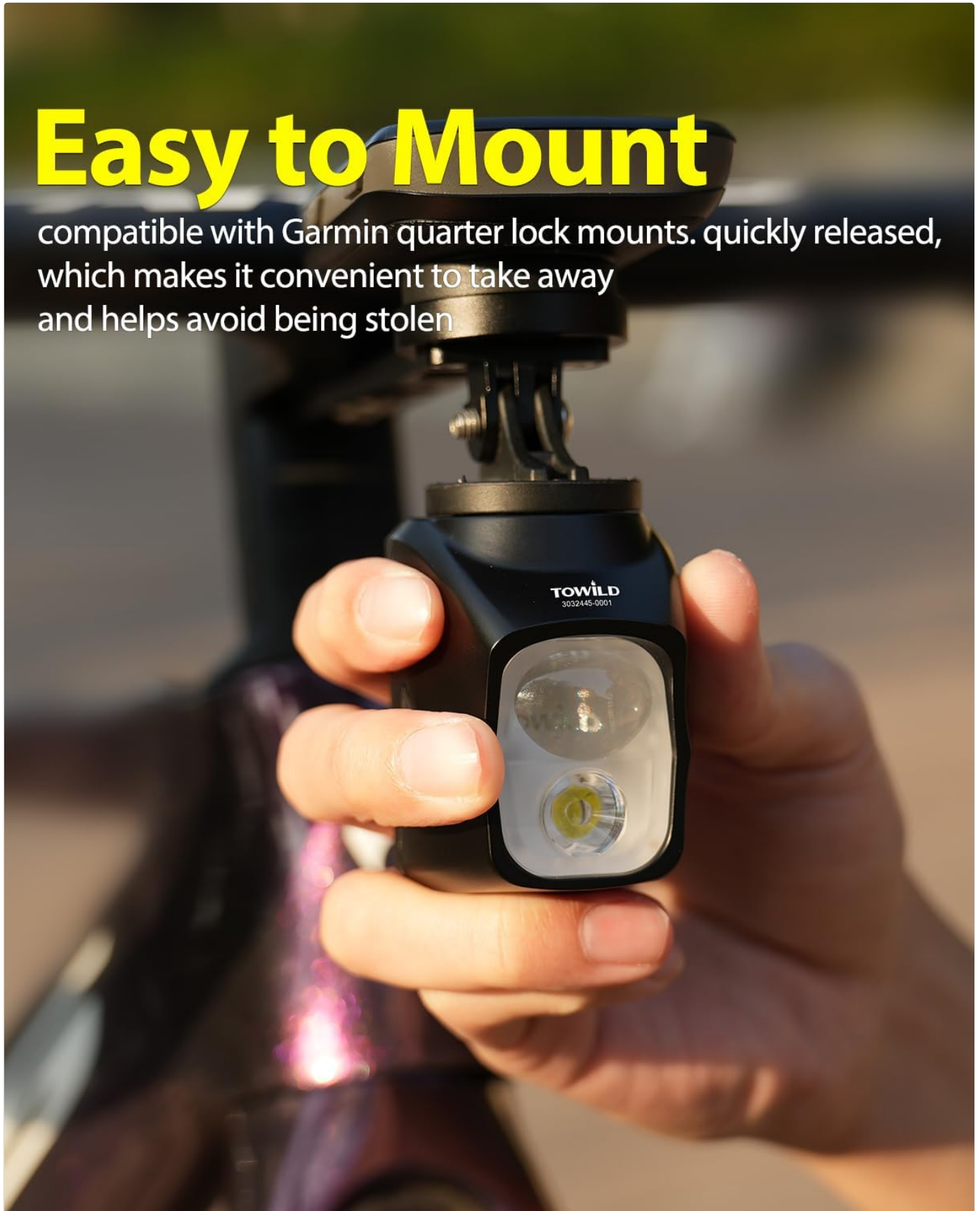which makes it convenient to take away
and helps avoid being stolen

Figure 4: Easy mounting process for the DL1700.

Figure 5: Compact design and installation.

2. Charging the Bike Light

Before first use, fully charge the DL1700. The device features a 4000mAh rechargeable battery with USB-C charging.

1. Locate the USB-C charging port on the light unit.
2. Connect the provided USB-C cable to the light and a compatible USB power source (e.g., wall adapter, computer USB port).
3. During charging, the indicator light will blink red.
4. Once fully charged, the indicator light will turn solid blue or green.

USB-C Rechargeable 4000mAh High Capacity

Fast Charging

18h Flash Mode
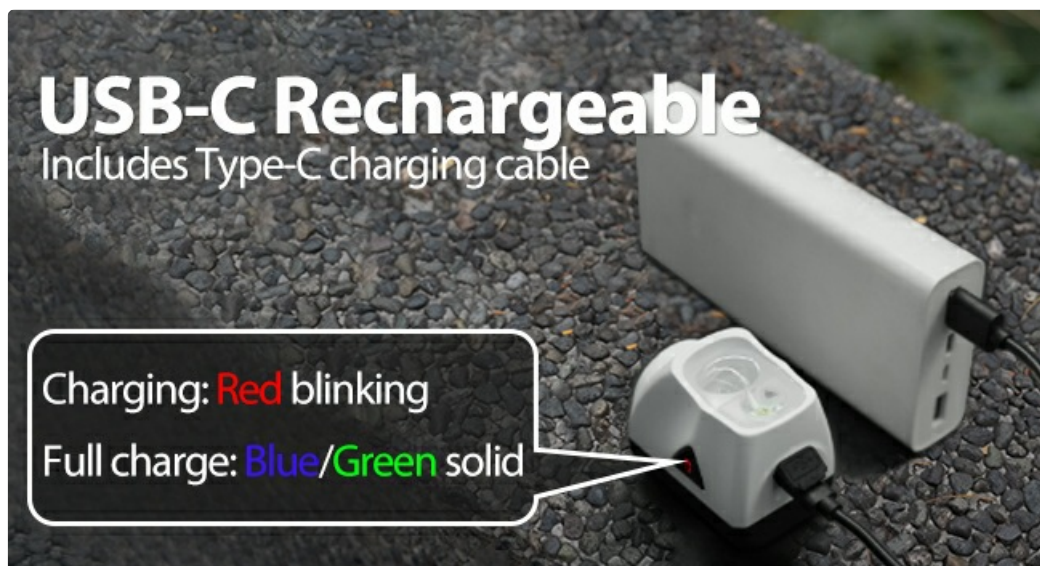
4H

Figure 6: USB-C charging of the DL1700.

Figure 7: Charging indicator status.

OPERATION

1. Power On/Off and Brightness Modes

The DL1700 offers multiple lighting modes for various riding conditions.

- **Power On/Off:** Long press the power button on the light unit to turn it on or off.
- **Switch Brightness Mode:** Single click the power button to cycle through brightness levels within the current beam mode (High Beam or Low Beam).

Figure 8: Dual light source design (High and Low Beams).

Dual-Lens Optics

Manual Mastery for Optimal Visibility & Efficiency

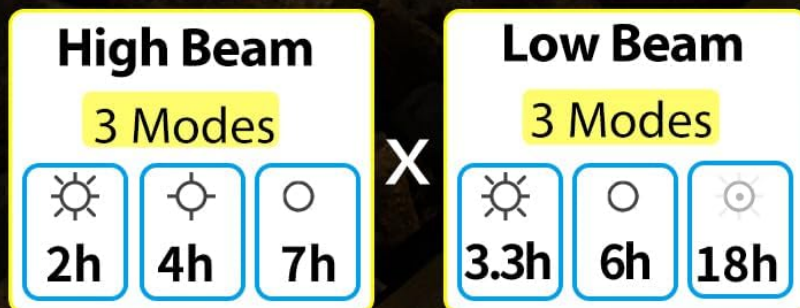switch modes according to the road conditions to reduce unnecessary battery consumption

High Beam
3 Modes

☼	✧	○
2h	4h	7h

X

Low Beam
3 Modes

☼	○	◉
3.3h	6h	18h

Figure 9: Dual-Lens Optics and Mode Runtimes.

High brightness and 6 lighting modes

MODE	High beam			Low beam		
	High	Medium	Low	High	Low	Flash
OUTPUT	1700	800	400	800	400	200
RUNTIME	2h	4h	7h	3.3h	6h	18h

Hidden Boost: Remote-activated 1900-lumen Turbo Mode

Figure 10: High Brightness and 6 Lighting Modes Table.

2. Wireless Remote Control

The wireless remote control provides convenient access to light functions while riding.

- **Pairing:** To pair the remote, with the light on, long press the power button on the light unit until it turns red. Then, press any button on the remote.
- **Power On/Off:** Long press the remote's power button.
- **Switch Brightness Mode:** Single click the remote's brightness mode button.
- **Switch Smart/Manual Mode:** Long press the remote's smart/manual mode button.
- **Switch High/Low Beam:** Single click the remote's high/low beam button.
- **Turbo Button:** Press the turbo button for instant maximum brightness (1900 lumens).

Wireless Remote Control

Long press to turn on/off,
single click to switch brightness mode

Long press to switch smart/manual mode,
singleclick to switch high/low beam

Turbo button: one key to activate
the highest brightness

Figure 11: Wireless Remote Control functions.

Figure 12: Remote control operation details.

3. Smart Mode (Vibration Sensing)

The DL1700 features an intelligent standby mode to conserve battery life.

- In Smart Mode, the light will automatically turn off after 120 seconds (2 minutes) of being static.
- It will instantly turn back on when movement is detected.
- The indicator light will be blue in Smart Mode.

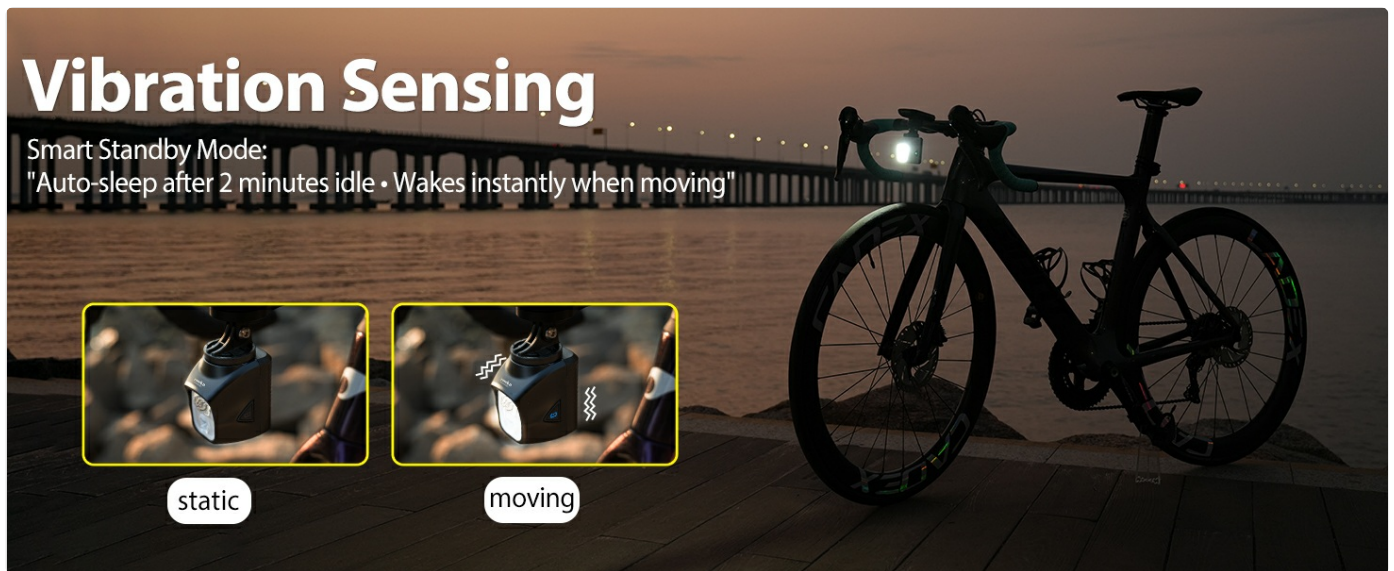Figure 13: Vibration Sensing in action.

Figure 14: Smart Standby Mode explanation.

4. Battery Level Indicator

You can check the remaining battery power by pressing the switch briefly when the light is in standby mode.

- **Manual Mode (Green Light):**

  - Solid green: 30%-100%

  - Slowly flashing green: 10%-29%

  - Rapidly flashing green and red: Less than 10%

- **Intelligent Mode (Blue Light):**

  - Solid blue: 30%-100%

  - Slowly flashing blue: 10%-29%

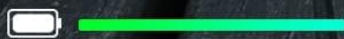 - Rapidly flashing blue and red: Less than 10%

Remaining Battery Dispaly

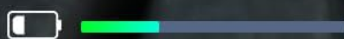In standby mode, simply press the switch to display the remaining battery power

Manual mode: Green light
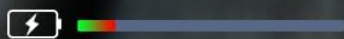Intelligent mode: Blue light
⚠ Attention

Manual mode

Indicator solid green(30%-100%)

Indicator flashing green slowly(10%-29%)

Indicator flashing green and red rapidly(Less than 10%)

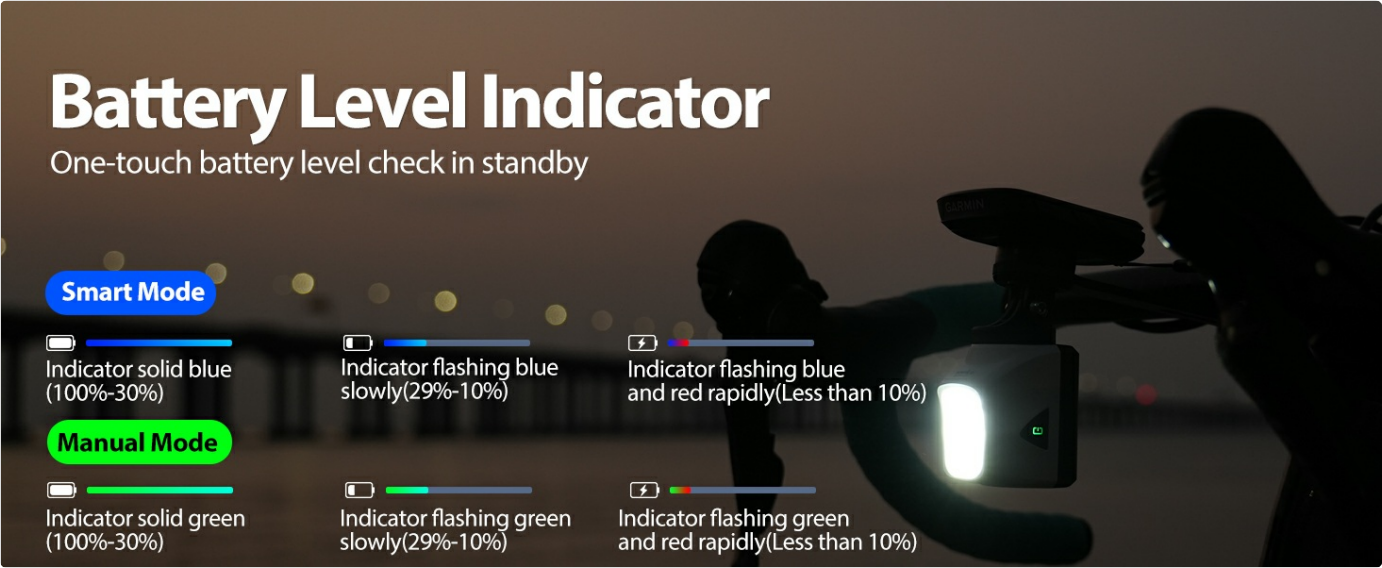Figure 15: Battery Level Indicator details.

Figure 16: One-touch battery level check.

5. Power Bank Function

The DL1700's 4000mAh battery can also serve as an emergency power bank for your smartphone or other USB-powered devices.

- Connect your device to the USB-C port of the DL1700 using a compatible cable.
- The light will begin charging your device.

Figure 17: DL1700 functioning as a portable charger.

MAINTENANCE

- **Cleaning:** Wipe the light unit 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 maintain battery health.
- **Water Resistance:** While IPX6 waterproof, avoid submerging the light in water. Ensure the USB-C port cover is securely closed before riding in wet conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light fully using the provided USB-C cable.
Light turns off unexpectedly.	Low battery or Smart Mode activated (static for too long).	Check battery level. If in Smart Mode, move the bike or switch to Manual Mode.
Remote control not working.	Remote not paired or battery low in remote.	Re-pair the remote control as per instructions in "Wireless Remote Control" section. Ensure remote battery is functional.
Light output is dim.	Low battery or thermal protection activated.	Charge the light. If the light is hot, it may have automatically reduced brightness to prevent overheating; allow it to cool.

SPECIFICATIONS

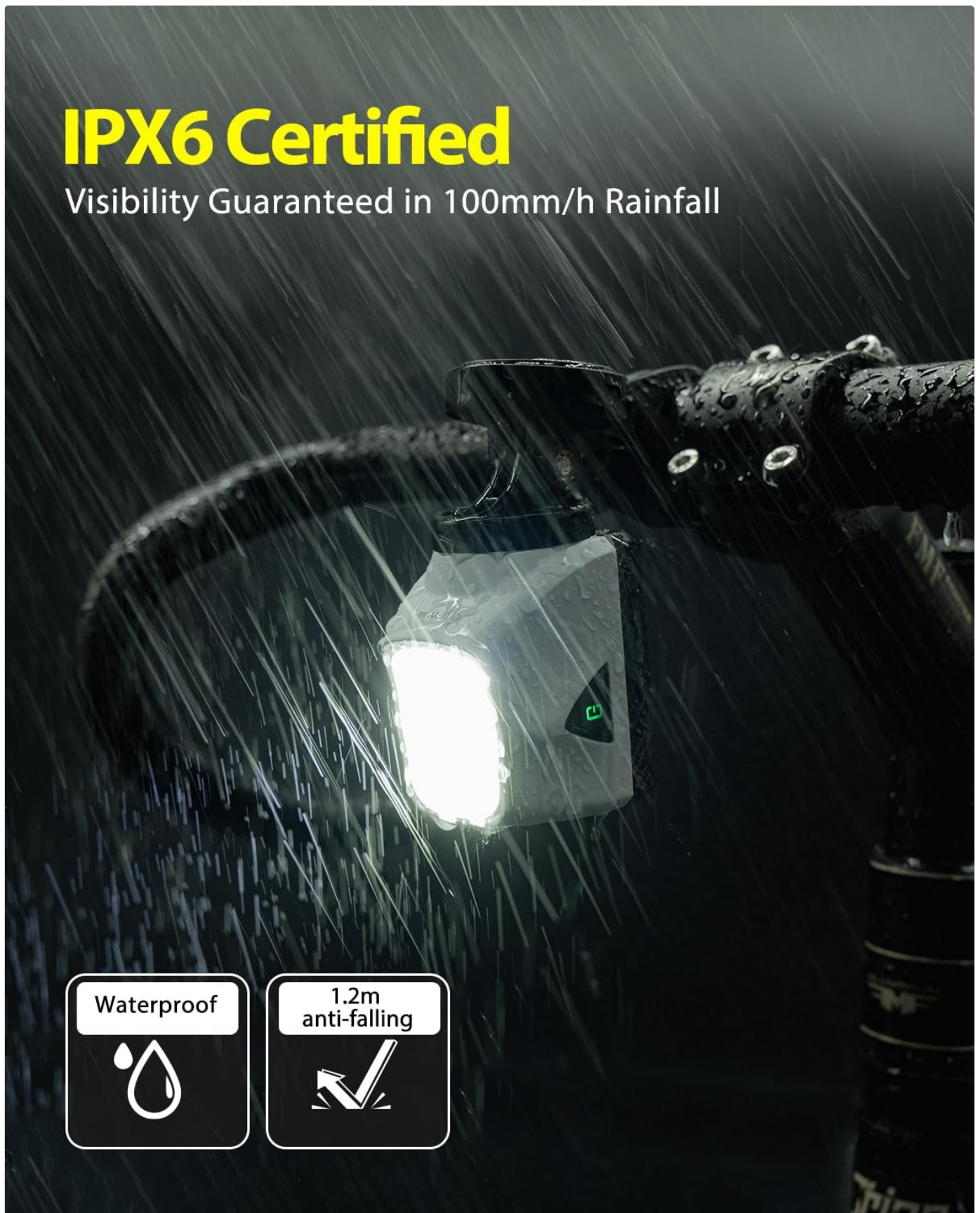| Feature	Detail
Model	DL1700
Max Lumen Output	1700 LM (Standard), 1900 LM (Turbo Mode)
Max Beam Distance	200 meters
Battery Capacity	4000mAh Li-ion
Charging Port	USB-C
Max Runtime	Up to 18 hours (Flash Mode)
Waterproof Rating	IPX6
Drop Resistance	1.2 meters
Dimensions (L x H)	54mm x 58mm (approximate, based on image)
Weight	158g (approximate, based on image)

Figure 18: Product dimensions and weight.

Figure 19: IPX6 Waterproof Certification.

Figure 20: Durability features.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official TOWILD website or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the TOWILD Store on Amazon for more information and product updates.