

Bigblue TL2600P-GBL

Bigblue TL2600P-GBL 2600 Lumen Narrow Beam Tech Light User Manual

Model: TL2600P-GBL

[Safety Information](#)

[What's in the](#)

[Box](#)

[Setup](#)

[Operation
Warranty &
Support](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Bigblue TL2600P-GBL 2600 Lumen Narrow Beam Tech Light. Please read this manual thoroughly before operating the device and retain it for future reference. The TL2600P-GBL is a high-performance, self-contained technical diving light designed for underwater illumination.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or property.

- Always ensure the light is properly sealed before submerging in water.
- Do not look directly into the light beam when operating at high power settings to avoid eye injury.
- Keep out of reach of children.
- Use only the specified battery type (Lithium-Ion 32650) and charger.
- Do not disassemble, puncture, or expose the battery to extreme temperatures or fire.
- If the light becomes excessively hot during use, turn it off immediately and allow it to cool.
- Rinse the light with fresh water after each dive to prevent salt and debris buildup.

WHAT'S IN THE BOX

Verify that all components are present upon unpacking:

- Bigblue TL2600P-GBL Tech Light
- Rechargeable Lithium-Ion 32650 Battery
- Battery Charger (*Note: Charger type may vary, refer to charger manual for specific instructions*)
- Lanyard (*if included*)
- User Manual (*this document*)



Image: The Bigblue TL2600P-GBL 2600 Lumen Narrow Beam Tech Light, typically shown with its glossy blue finish. This image illustrates the overall design and form factor of the diving light.

SETUP

1. Battery Installation

1. Unscrew the tail cap of the light by turning it counter-clockwise.
2. Insert the rechargeable Lithium-Ion 32650 battery with the positive (+) terminal facing towards the light head.
3. Carefully screw the tail cap back on clockwise, ensuring it is fully tightened to maintain a waterproof seal. Do not overtighten.

2. Initial Charging

Before first use, fully charge the battery.

1. Remove the battery from the light.
2. Place the battery into the provided charger according to the charger's instructions.
3. Connect the charger to a suitable power source.
4. The suggested charge time for the BATCELL32650 battery is 7-8 hours for a full charge.
5. Once charging is complete, disconnect the charger and remove the battery.

Note: Always ensure the battery is fully charged before a dive for optimal performance and burn time.

OPERATING INSTRUCTIONS

1. Turning On/Off and Power Levels

The TL2600P-GBL uses a reliable push-button switching mechanism.

- **To Turn On:** Press the push-button switch once. The light will typically turn on at its highest power setting.
- **To Cycle Power Levels:** Press the push-button switch repeatedly to cycle through the four available power settings (e.g., High > Medium > Low > Eco).
- **To Turn Off:** Press and hold the push-button switch for approximately 2 seconds.

2. Battery Level Indicator

The light features a color-coded battery level indicator on the light itself, providing real-time status of the battery charge.

- **Green:** Full to High charge.
- **Yellow:** Medium charge.
- **Red:** Low charge, consider ending the dive or switching to a lower power setting.
- **Flashing Red:** Very low charge, immediate action required to turn off the light or end the dive.

MAINTENANCE

1. Post-Dive Care

- After each dive, thoroughly rinse the light with fresh water to remove salt, sand, and other debris.
- Operate the push-button switch several times while rinsing to flush out any trapped particles.
- Dry the light completely with a soft cloth.

2. O-Ring Care

- Periodically inspect the O-rings for any signs of damage, cracks, or debris.
- Clean the O-rings and their grooves with a clean, lint-free cloth.
- Apply a thin layer of silicone grease to the O-rings to ensure a proper seal and prevent drying.
- Replace damaged O-rings immediately.

3. Battery Care and Storage

- Always remove the battery from the light when storing for extended periods.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.

- Recharge the battery every 3-6 months during long-term storage to maintain its health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"> • Battery not installed correctly. • Battery is depleted. • Poor contact between battery and terminals. 	<ul style="list-style-type: none"> • Check battery orientation and ensure tail cap is fully tightened. • Charge the battery. • Clean battery terminals and contacts inside the light.
Light flickers or dims unexpectedly.	<ul style="list-style-type: none"> • Low battery charge. • Loose battery connection. • Overheating. 	<ul style="list-style-type: none"> • Recharge the battery. • Ensure tail cap is tight and battery is seated correctly. • Turn off the light and allow it to cool.
Water ingress.	<ul style="list-style-type: none"> • Damaged or improperly seated O-rings. • Tail cap not fully tightened. 	<ul style="list-style-type: none"> • Immediately rinse with fresh water, open the light, remove battery, and allow to dry. Inspect and replace O-rings if damaged. • Ensure tail cap is fully tightened before submerging.

SPECIFICATIONS

Feature	Detail
Model Number	TL2600P-GBL
Light Source Type	LED
White Brightness	2600 Lumens
Beam Angle	10° (Narrow Beam)
Color Temperature	6500K
Power Source	Battery Powered
Battery Type	Rechargeable Lithium-Ion 32650
Burn Time (Highest Setting)	Approximately 1.5 hours
Power Settings	Four (4) levels
Special Feature	Durable, Battery Indicator
Color Options	Black, Blue (Glossy Finish)

WARRANTY AND SUPPORT

Warranty Information

Specific warranty details for the Bigblue TL2600P-GBL Tech Light may vary by region and retailer. Please refer to the warranty card included with your product or contact your point of purchase for detailed warranty terms and conditions. Retain your proof of purchase for any warranty claims.

Customer Support

For technical assistance, spare parts, or service inquiries, please contact Bigblue customer support or your authorized Bigblue dealer. You can often find contact information on the official Bigblue website or through your retailer.

Online Resources: Visit the official Bigblue website for product updates, FAQs, and additional support resources.

Contact Information: *(Please refer to the Bigblue official website or product packaging for the most current contact details.)*

PRODUCT VIDEOS

No official product videos from the seller were available for embedding in this manual. For visual demonstrations or additional product information, please check the Bigblue official website or authorized retailer product pages.