

ThruNite TC12 V2 CW

ThruNite TC12 V2 EDC Flashlight User Manual

Model: TC12 V2 CW | Brand: ThruNite

INTRODUCTION

Welcome to the user manual for your new ThruNite TC12 V2 EDC Flashlight. This powerful and versatile LED flashlight is designed for everyday carry, offering exceptional brightness, reliable performance, and convenient USB-C recharging. Please read this manual carefully to ensure proper use, maintenance, and to maximize the lifespan of your device.



Image: The ThruNite TC12 V2 flashlight shown alongside its rechargeable 18650 battery.

PACKAGE CONTENTS

Upon opening your ThruNite TC12 V2 package, you should find the following items:

- 1 x ThruNite TC12 V2 Cool White Flashlight
- 1 x ThruNite 18650 Rechargeable Battery (3400mAh)
- 1 x USB-C Charging Cable
- 1 x Lanyard
- 1 x Holster
- 1 x Pocket Clip (pre-installed or separate)

- Spare O-rings
- Spare USB Port Cover



Image: All items included in the ThruNite TC12 V2 flashlight package, laid out for inspection.

SETUP

Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the included ThruNite 18650 battery with the positive (+) end facing towards the head of the flashlight (towards the LED).
3. Screw the tail cap back on clockwise until it is securely tightened. Ensure the tail cap is fully tightened for proper electrical contact and water resistance.

Charging

The TC12 V2 features a built-in USB-C charging port for convenient recharging of the included 18650 battery.

1. Locate the USB-C charging port on the side of the flashlight, usually covered by a rubber flap.
2. Gently lift the rubber flap to expose the port.
3. Connect the included USB-C cable to the flashlight's port and the other end to a USB power source (e.g., computer, wall adapter, power bank).
4. The indicator light on the side switch will show the charging status:
 - **Blue**: Charging complete.
 - **Red**: Charging in progress.
5. Once charging is complete, disconnect the USB-C cable and firmly press the rubber flap back into place to ensure water resistance.



Image: Close-up view of the ThruNite TC12 V2 flashlight, highlighting the USB-C charging port located on the side.

OPERATION

The TC12 V2 features both a tail switch and a side switch for versatile operation.

Tail Switch Operations

- **Momentary On:** Lightly press the tail switch for momentary illumination. Release to turn off.
- **Constant On/Off:** Fully press the tail switch until it clicks to turn the flashlight on or off.
- **Instant Turbo:** From off, fully press and hold the tail switch to activate Turbo mode instantly. Release to turn off.



Image: The tail cap of the ThruNite TC12 V2 flashlight, where the primary power switch is located.

Side Switch Operations (when flashlight is ON via tail switch)

- **Change Modes:** From ON, press and hold the side switch to cycle through Firefly, Low, Medium, and High modes. Release the switch to select the desired mode. The flashlight has mode memory and will turn on in the last used general mode (excluding Turbo and Strobe).
- **Instant Turbo:** Double-click the side switch quickly to activate Turbo mode. Double-click again to return to the previous mode.
- **Strobe Mode:** Triple-click the side switch quickly to activate Strobe mode. Double-click to return to the previous mode.
- **Firefly Mode:** From OFF, press and hold the side switch for 1 second to activate Firefly mode.



Image: The ThruNite TC12 V2 flashlight, highlighting the side switch with its integrated indicator light.

MAINTENANCE

- **Cleaning:** Regularly clean the threads and O-rings with a clean cloth. Apply a thin layer of silicone grease to the O-rings periodically to maintain water resistance.
- **Battery Care:** Store the battery in a cool, dry place when not in use. If the flashlight will not be used for an extended period, remove the battery to prevent parasitic drain and potential damage.
- **USB Port:** Ensure the rubber cover for the USB-C charging port is always securely closed when not charging to prevent dust and water ingress.
- **Lens Cleaning:** Use a soft, lint-free cloth to clean the lens. Avoid abrasive materials that could scratch the surface.

TROUBLESHOOTING

If you encounter issues with your ThruNite TC12 V2, please refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is dead or improperly installed. Tail cap is loose.	Charge the battery. Ensure battery is inserted with positive (+) end towards the head. Tighten the tail cap fully.

Problem	Possible Cause	Solution
Light is dim or flickers.	Low battery. Poor contact between battery and contacts.	Recharge the battery. Clean battery contacts and flashlight contacts. Ensure tail cap is tight.
Charging indicator not working.	USB cable or power source issue. Charging port cover not fully open.	Try a different USB cable or power source. Ensure the rubber cover is fully open and the cable is inserted correctly.
Flashlight gets hot quickly.	Operating in Turbo mode for extended periods.	This is normal for high-output flashlights. Reduce output to a lower mode if it becomes too hot to handle. The flashlight has thermal regulation to prevent overheating.

SPECIFICATIONS

Detailed technical specifications for the ThruNite TC12 V2 CW Flashlight:

Feature	Detail
Model	TC12 V2 CW
Brand	ThruNite
Light Source Type	LED
Max Output Brightness	1100 Lumens
Max Beam Distance	240 Meters
Power Source	Battery Powered (1x 18650 rechargeable battery included)
Charging	USB-C Rechargeable
Material	Aluminum (Type III hard-anodized finish)
Water Resistance Level	IPX-8 (2 meters submersible)
Impact Resistance	1 Meter
Product Dimensions	1"D x 1"W x 5.51"H (approx. 25.4mm x 25.4mm x 140mm)
Color	Black (TC12 V2 CW)





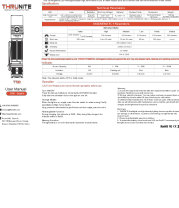

Image: A detailed view of the LED emitter and reflector assembly within the ThruNite TC12 V2 flashlight head.

WARRANTY AND SUPPORT

ThruNite products are manufactured to high quality standards. For specific warranty details and support inquiries, please refer to the warranty card included in your product packaging or visit the official ThruNite website. You may also contact ThruNite customer service directly for assistance with product operation, troubleshooting, or warranty claims. For the most up-to-date information and contact methods, please visit: www.thrunite.com

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Related Documents

	<p>ThruNite TC15 V3 Rechargeable LED Flashlight User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the ThruNite TC15 V3 rechargeable LED flashlight. Features CREE XHP35.2 LED, 2403 lumens output, 223 meters beam distance, multiple modes, and USB-C charging.</p>
	<p>ThruNite TC20 V2 Rechargeable LED Flashlight User Manual</p> <p>User manual for the ThruNite TC20 V2 rechargeable LED flashlight, detailing specifications, operation, charging, warranty, and warnings. Features CREE XHP70.2 LED with up to 4068 lumens and 299m beam distance.</p>
	<p>ThruNite TT20 Rechargeable LED Flashlight User Manual</p> <p>User manual for the ThruNite TT20 rechargeable LED flashlight, detailing its specifications, operation, and warranty information. Features high performance LED, multiple modes, and USB-C charging.</p>
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