



Included in the box:

T1000 USB Light
USB charging cable
Li ion battery
Spare o-ring Sleeve
Wrist lanyard
Carrying case

WARNING: Tovatec USB lights are for underwater use ONLY. Read these instructions before use. Keep in a safe location for future reference.

STOP: If for any reason your light fails or malfunctions, please review the trouble shooting guide at www.tovatec.com.

BEAM ANGLE

The USB lights come in either a wide 120-degree beam angle OR a spot light with a 12- degree beam angle. Please refer to table below for specifications on each light.

“MULTI-MODE” COLOR CHARGE INDICATION SWITCH

The T1000 USB lights feature a color charge indication switch with multiple modes. After every dive, wash thoroughly in fresh running water to remove any iron sand as well as dirt and salt. Do not drop or place the flashlight on sand or dirt, since iron sand may stick or go into switch section.

The lights work at 100%, 50%, and SOS. Push button and release to move between modes. *NOTE:*. Hold button for 6 seconds to turn off light without running through all light modes.

BATTERY INDICATOR

These lights feature a battery indicator that is green at full power, yellow at half power and red when the battery power is low. It will flash red before shutting off.

O-RING CARE

Inspect O-ring sleeve to be sure it is clean and free of dust, debris, hair, sand, etc. before using underwater. Lightly lubricate O-ring sleeve with silicone grease prior to use and maintain lubrication at all times.

RECHARGEABLE BATTERIES

The burn-time of rechargeable batteries varies.

Burn-time is affected by:

- (A) -*Operating temperature* – Do not use at highly elevated temperatures for extended periods of time.
- (B) - *Storage temperature* – Store in a cool and dry place at room temperature (20-25° Celsius/ 68-77° Fahrenheit).
- (C) - *Time period the light was out of use.* For extended storage, discharge a lithium-ion battery to about 40 percent (or approximately 1 hour on a fully charged battery) and store it in a cool, dry place. **Warning:** *always take batteries out of light when storing longer than 30 days.*
- (D) -*Avoid completely discharging lithium ion batteries* – Battery experts suggest that after 30 charges, you should allow lithium-ion batteries to almost completely discharge. Continuous partial discharges create a condition called digital memory, decreasing the accuracy of the device's power gauge. So let the battery discharge to the cut-off point and then recharge. The power gauge will be recalibrated. For safety reasons, do not recharge deeply discharged lithium-ion batteries if they have been stored in that condition for several months
- (E) -*Use of used/low quality rechargeable batteries.*

RECHARGING LITHIUM ION BATTERIES

WARNING: DO NOT RECHARGE THE BATTERY NEAR FLAMMABLE ITEMS AND/OR PRODUCTS. Do not leave plugged in for more than 12 hours.

- Unscrew the end cap.
- Plug in USB cable.
- A red LED indicates that the torch is charging.
- When charging is complete, the green LED switches on.
- Fully screw down the end cap.

WARNING: When using rechargeable lithium ion batteries use only Tovatec brand batteries or batteries sold by major manufacturers that have the same voltage, mAh and watt hour ratings as original batteries. Batteries must include over / under voltage protection circuit.

BATTERY DISPOSAL

Rechargeable lithium ion must be disposed of or recycled in compliance with all applicable laws. Never throw into a fire, as batteries may explode. Keep batteries away from children

WARNINGS

- Remove the batteries if the light will not be used for long periods or during transport.
- If you anticipate extended periods of no use, recharge the battery every 3 months.
- Make sure the end cap is closed tightly before each dive.
- Never point the light directly into eyes.

ROUTINE MAINTENANCE

- Rinse the outside of the torch in fresh water after every dive. NEVER disassemble the light.
- Periodically check the condition of the O-rings, lubricate on a regular basis and replace as needed.

WARRANTY

We want you to be 100% satisfied with your purchase. If for any reason your light fails or malfunctions, you can return it within 12 months of consumer purchase for repair and/or replacement. **Proof of Purchase from an authorized dealer within the past 12 months must be included with all warranty returns.** Please return your light to the place of purchase if purchased outside of North America. Commercial and Rental use is not covered. Any lights or batteries that have been disassembled void warranty. Warranty is not transferable. For additional information, please contact Warranty@tovatec.com.

Contact Details:

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Specification Table

Description	Part Number	Lumens	Beam Angle	Battery	LED	Burn Time	Charging Time	Depth Rating
USB Video Light	T1000V	1000	120	IT18650-A	XML2	1 Hour	4-5 Hours	100 m
USB Spot Light	T1000S	1000	12	IT18650-A	XML2	1 Hour	4-5 Hours	100 m