



USER MANUAL LS-TR6 FLASHLIGHT

LS-TR6 is a firefighter's LED flashlight with warm light and a glass lens in a waterproof metal housing with a phosphorescent silicone cover.

ANSI / NEMA FL1 SPECIFICATIONS		
MODES	ECO	TURBO
RUNTIME*	25 h	3.5 h
CAPABILITY	0.6 W	10 W
LIGHT OUTPUT	530 lm (max)	
DISTANCE	566 m (max)	
INTENSITY	80 214 cd (max)	
COLOR TEMPERATURE	3192 K	
BEAM ANGLE	min – 4.2°, max – 28.3°	
IMPACT RESISTANCE	1 m	
WATERPROOF	IP 67, underwater 1 m	
MATERIAL	Aircraft-grade aluminum (Avial)	
BATTERY TYPE	1 Li-ion battery 18650, 1 Li-ion battery 21700 or 3 batteries AAA	
SWITCH	Spot-button at the cap of the flashlight	
SIZE AND WEIGHT	158 mm x 29 mm x 48 mm, weight 173 g	
ACCESSORIES	Battery cassette, battery tube, wrist strap	

*Measured with 21700 (5000 mAh) rechargeable battery

OPERATING

LS-TR6 has two operating modes: Turbo mode and Eco mode.

In Turbo mode, the flashlight emits significant heat, causing the body to warm up — this is normal operation.

Operating modes are controlled via the power button.

To turn on: Press and release the button.

To switch modes: Press and release the button.

After 5 seconds of use: A single click will turn the flashlight off. To change modes after the flashlight has been on for more than 5 seconds, press and hold the button for 3 seconds.



The power button features a built-in battery level indicator and a signal beacon function. The beacon can be deactivated if preferred.

By default, the flashlight cycles through power modes in the following sequence: Eco, Turbo. If preferred, you can change the order to Turbo, Eco. The button's signal beacon can also be deactivated.

To program the flashlight:

1. **Remove the battery** from the flashlight.
2. **Press and hold the button** on the flashlight.
3. **While holding** the button, **insert the battery** and screw the cap on. The indicators will begin to flash, signaling that the flashlight has entered programming mode. You may now release the button.
4. To set the default starting mode, **press and release the button**. The indicator colors will signal the mode sequence:

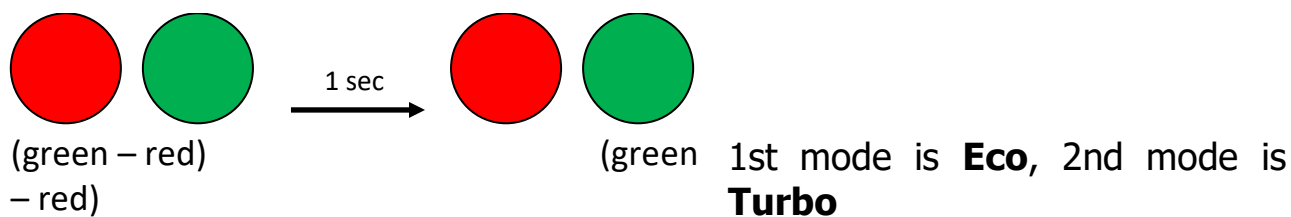
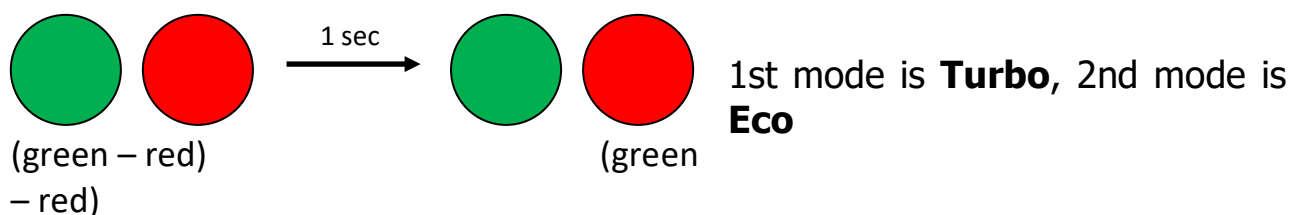


Fig. 1

5. To manage the button's **signal beacon** function, **press and hold the button**. The indicator will flash 3 times:

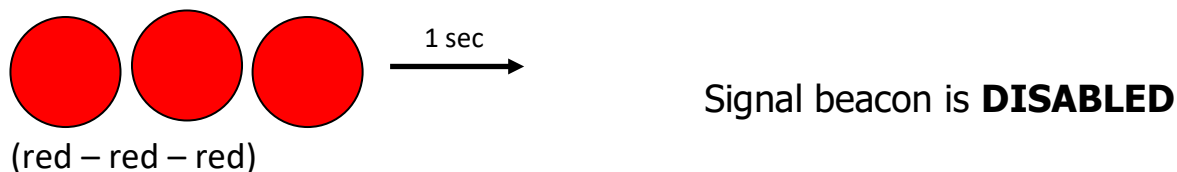
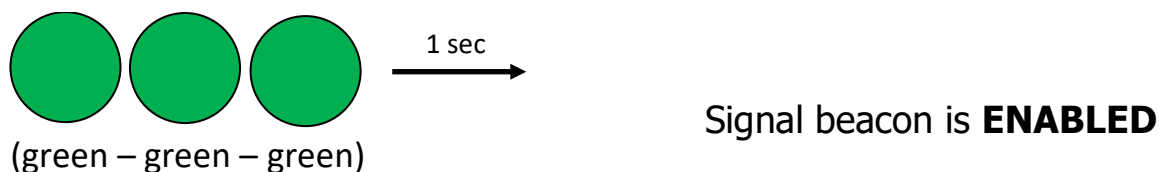


Fig. 2

After selection, the button will continue to show the mode sequence (as per Fig. 1). You can then release the button.

6. **To exit** programming mode slightly unscrew the cap, then tighten it fully. The flashlight is now ready for use.

FOCUS ADJUSTMENT

The adjustable focus allows you to change the beam angle from 4.2° to 28.3°. To adjust the focus, rotate the flashlight head clockwise or counterclockwise relative to the body.

CHARGER

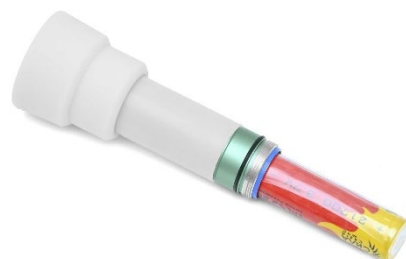
The charger is powered from line supply of 100 to 240 V. Empty 5000 mAh battery can be recharged in about 7 hours. The LED on the flashlight button serves as the charging indicator. During charging, it flashes in a red-yellow-green sequence. The green light of the indicator on the button is a signal of completion of charging process. During operation, as the battery charge decreases, the indicator color changes from green (high charge) to red (low charge).

POWER SUPPLY

The flashlight is compatible with any of the power sources listed below. Please note that the negative terminal (minus) of the battery must face towards the flashlight head.

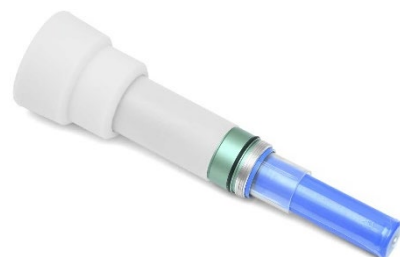
Remove the plastic tube from the flashlight housing to use the following battery:

- 21700 Li-ion battery



Insert the plastic tube into the flashlight housing to use the following battery:

- 18650 Li-ion battery



Remove the plastic tube and insert the battery carrier to use the following batteries:

- AAA batteries (3 pcs)
- AAA NiCd or NiMH rechargeable batteries (3 pcs)



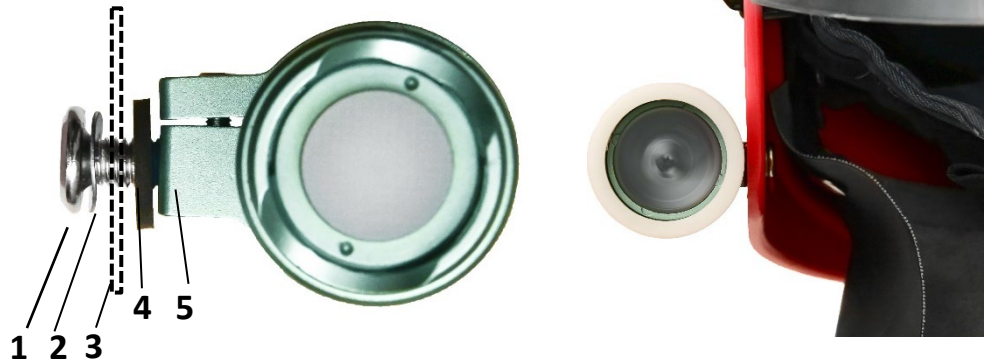
MOUNTING

The universal helmet mount-brace is secured to the helmet using an M6 bolt. Installation requires drilling a 6.3 mm hole for the M6 bolt in the lower section of either the left or right side of the helmet.

It is highly recommended to avoid drilling holes through reinforcement ribs or similar structural areas of the helmet.

When installing the universal mount, ensure the washers are positioned as shown at the picture:

1. Bolt
2. Spring washer
3. Helmet shell
4. Rubber washer
5. Mount



Thanks to a specialized thread design, the mounting bolt locks securely, allowing you to rotate the flashlight on the helmet during operation without any risk of the bolt loosening. Please note that tightening the bolt will require some effort – this is completely normal.

The Gallet mount-brace snaps directly into the helmet's standard Gallet slot, allowing the flashlight to be mounted on either the right or left side.

To install the flashlight into the slot:

1. Insert the round part of the mount into the plastic slot on the helmet. The mount tailpiece must follow the round part of the mount. The photographs show the top view of the helmet:



2. Press the head of the flashlight toward the helmet so that the tail of the flashlight and the mount tailpiece move away from the helmet, then set the tailpiece to the desired position within the plastic slot. The photographs show the bottom view of the helmet:



WARNINGS

- Always follow the instructions from this manual.
- Do not reverse battery polarity.
- Do not simultaneously use different power sources i.e. old ones with new ones, charged with discharged. Do not simultaneously use different types of batteries, as the element with less capacity can be damaged.
- Use only the standard battery charger to charge the battery.
- Do not modify or recast the flashlight and its components as it may deprive you of the warranty.
- Do not allow water or any other liquid to leak into the flashlight.
- Do not aim a switched-on flashlight at people's or animals' eyes – it can cause temporary blindness.
- Do not allow children to use the flashlight without your assistance.

The producer will not be liable for any harm done to the user if it was caused by improper use of the product.

RULES OF TRANSPORTATION AND STORAGE

- Products can be transported by any transportation mode provided that they are protected from mechanical damage and the effects of atmospheric precipitation.
- Packed or loose products should be stored in closed, dry, heated spaces, under conditions that exclude oil-product and corrosive impact, at a distance no less than 1 m away from heating elements.
- Do not store the flashlight for more than 6 months without recharging the batteries. After 6 months of storage, recharge the batteries.

WARRANTY

We provide free warranty for 12 months. The manufacturer guarantees proper operating of the flashlight during warranty period in case of compliance with the rules of storage and operation. The product has a service life of at least 24 months from the date of putting into operation.

Guarantee does not extend to damage during:

1. Improper usage.
2. Attempts to modify or repair the flashlight by nonqualified specialists.
3. Longtime application in chlorinated or polluted water, or other liquids (other than water).
4. High temperatures ($>150^{\circ}\text{C}$) and chemicals' exposure (including the exposure of liquid from defected batteries).
5. Usage of low-quality batteries.

Country of origin: Russian Federation