

The Leash Lantern



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<https://copperandcurrent.com>
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Operation

Regular Mode: Tighten the tailcap to turn on. Do not overtighten - just until the LED turns on.

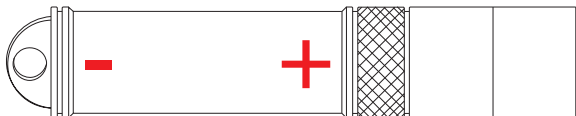
Crosswalk Mode: Quickly turn the lantern off and back on for 30-second timed high output, making you more visible as you cross the street.

Battery

DO NOT USE 3.7V LITHIUM-ION BATTERIES. Use only 1.5V cells: alkaline, NiMH or Energizer L91. In cold weather the L91 will perform best.

The lantern will give 2 quick blinks every 30s when your battery is getting low ($< 0.9V$).

Insert battery with positive end (+) towards head and negative (-) towards tailcap.



Programming

Your Leash Lantern uses the intelligent 15VP AA boost driver. Your firmware version is: **4.8.2**

This circuit constantly monitors battery voltage and LED output, stepping down brightness as needed to give the best runtimes and battery efficiency.

You can customize many functions of the 15VP driver:

- Change brightness level (24 brightnesses available)
- Change crosswalk timer (15, 30, 45, 60s)
- Enable or disable crosswalk mode
- Enable or disable low battery indicator
- Display the battery voltage and LED current
- Perform a factory reset

For advanced programming instructions and firmware details, visit:

<https://calipsoii.net/documentation>