

7600

Cat. # 7600

PELICAN™



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Introduction

This compact flashlight produces an ultra bright light beam by using an LED powered by Lithium Ion batteries. The Pelican™ 7600 flashlight is designed for easy use with one hand operation and has a dual-switch mode for constant-on and momentary-on. The 7600 flashlight body is made by high precision CNC machines from aircraft-grade aluminum alloy for the most durable construction. The 7600 flashlight is water resistant.

Operation

To select a program, partially depress the button (momentary press, do not click) as indicated in the table below and hold until the 7600 flashes in acknowledgment.

The light will flash to let you know that a new program has successfully been selected. The number of flashes indicates the program number.

		Momentary Presses	Confirmation Flashes
Program 1 (default)	High > Strobe > Medium > Low	8	*
Program 2	High Only	10	**
Program 3	High > Medium > Low	12	***
Program 4	Low > Medium > High	14	****
Program 5	High > Low	16	*****

To change the mode within a program, depress the button (momentary, do not click) once for each step in the program. Presses need to be within .5 second.

Press the tail button to turn OFF.

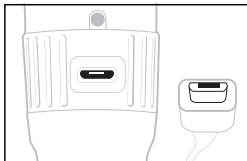
To change the color of the light, rotate the selector ring on the light head to:

- I = white LED
- II = red LED
- III = green LED

To Charge

1. Rotate the collar to expose the micro-USB charge port.
2. Plug the USB cable (included) into the light and into either a USB port on a computer or any USB AC adapter.

MATCH THE SHAPE OF THE MICRO USB CONNECTOR TO THE CHARGING PORT ON THE LIGHT AND GENTLY PLUG IN. FORCING OR INSERTING THE CONNECTOR INCORRECTLY MAY CAUSE DAMAGE TO PLUG OR PORT AND IS NOT COVERED UNDER WARRANTY.



Flashlight will charge in under 6 hours.

The small LED indicator between the collar and the head shows the charging status:

- Flashing Red** = charging
- Solid Green** = fully charged

When fully charged, unplug the cable and rotate the collar to close and protect the micro-USB port.

The 7600 has a full-time battery status indicator built in. The small LED between the collar and the head indicates the battery status when the flashlight is turned on:

- Green = 100% > 76%
- Amber = 75% > 51%
- Red = 50% > 26%
- Flashing Red = < 25%

To use CR123s in the 7600, unscrew the tail cap and remove the Pelican™ Li-Ion battery pack. Install two CR123 batteries into the plastic battery tray (included) and install into the flashlight with the positive end facing towards the head. Replace the tail cap and hand tighten.

The 7600 will not charge with CR123 batteries installed.

Do not use with rechargeable CR123 batteries.

When using a rechargeable battery, we recommend that only Pelican™ Li-Ion battery packs be used in the 7600. Other brands will not charge and were not designed to be used with this light.

General Care and Maintenance

1. Clean o-rings with a soft clean cloth to insure that the sealing area is free of dirt that could destroy the o-ring seal.
2. Apply a light coat of clear silicone grease on the o-ring occasionally if turning action becomes too difficult.
3. Remove the tail cap and wipe the rear threads of the 7600 flashlight body and inside of the tail cap with a soft clean cloth occasionally to avoid intermittent flashlight operation.

CAUTION: TO PREVENT THE 7600 FLASHLIGHT FROM COMING ON ACCIDENTALLY WHEN THE FLASHLIGHT IS STORED, REMOVE THE BATTERIES. IF THE 7600 FLASHLIGHT IS TURNED ON WHILE IT IS IN A CONTAINER, THE FLASHLIGHT CAN OVERHEAT AND DAMAGE THE FLASHLIGHT OR THE CONTAINER.

Specifications

- BULB:** LED
- BATTERY:** Pelican Li-Ion battery pack or (2) CR123 Lithium batteries

O-Ring Maintenance

Check closely for cuts, scratches, or otherwise damaged o-ring or mating lens lip surface. Remove any dirt or foreign matter from o-ring sealing surfaces. Keep threads, o-ring groove and inside lip of lens lubricated with silicone grease.

BATTERY SAFETY

BATTERY SAFETY – YOU MUST READ THESE WARNINGS AND INSTRUCTIONS BEFORE USING OR CHARGING YOUR BATTERIES!

WARNING: HANDLE AND STORE BATTERIES PROPERLY TO AVOID INJURY OR DAMAGE

BATTERIES CAN BE DANGEROUS!

IMPROPER HANDLING OF BATTERIES CAN LEAD TO LEAKING, FIRE OR EXPLOSION WHICH CAN CAUSE SERIOUS INJURY OR PROPERTY DAMAGE.

Rechargeable Batteries

- » Hazardous Location Safety Approvals for explosive environments are only valid for the Pelican battery pack that is supplied with the equipment.
- » For replacement battery packs, only use the approved Pelican battery pack for the model of the product that you are using. The use of other battery packs will reduce performance, expose the user or others to serious injury, and will invalidate the safety approval.
- » Equipment should only be charged in a non-hazardous location.
- » Equipment should only be charged using the Pelican charger base that is supplied.
- » Batteries should be charged and operated between the temperatures shown in this table.

BATTERY TYPE	CHARGING TEMP	OPERATING TEMP
Lead Acid	-15°C to 40°C (5°F to 104°F)	-15°C to 50°C (5°F to 122°F)
Ni-MH	0°C to 40°C (32°F to 104°F)	-20°C to 50°C (-4°F to 122°F)
Li-Ion and LiFePO4	0°C to 45°C (32°F to 113°F)	-20°C to 60°C (-4°F to 140°F)

- » DO NOT charge rechargeable alkaline batteries while they are still in the equipment. Charging the alkaline batteries while they are still in the equipment can cause internal gas or heat generation resulting in venting, explosion or possibly fire which could cause serious injury or property damage.
- » Deep discharge* of the rechargeable battery may cause batteries to vent potentially dangerous gasses and electrolytes.
- » It is strongly recommended to condition* batteries every three months. During storage, the capacity of the battery decreases due to self-discharging. Leaving the product unused for long periods of time will decrease battery life. Withdrawal of the charger from the product prior to a 'READY' indication will result in an inadequate charge.
- » If products are stored that contain rechargeable products, it is advisable to do so in a cool, dry place. If the average temperature exceeds 25°C (77°F) (below 30°C or 86°F), the frequency of supplementary charging should increase.
- » It is advisable to always condition a battery that has been stored before use.

* Deep Discharge: The battery has been allowed to discharge most of its capacity to a point beyond which irreparable damage has occurred. See battery specifications for the specific levels.

* Condition a Battery: Charge your battery to the fullest and then disconnect from charger. Let your light run until it completely drains the battery and turns itself off. Place the light back onto its charger and completely recharge the battery before using it. This conditioning or "cycling" of the battery will help it retain a fuller charge for a longer period of time.

Warning

- » If the charger fails to indicate a full charge after repeated charging attempts, or the battery exhibits a marked reduction in performance, a battery replacement is required.
- » DO NOT use chargers designed for a different battery technology or equipment, or model. Doing so may damage the product and expose the user to serious injury or property damage.
- » Ni-MH Rechargeable Battery Packs: DO NOT use Ni-MH rechargeable battery packs for longer than three years or 500 charge/discharge cycles, whichever comes first. Using Ni-MH rechargeable battery packs for longer than three years or 500 charge/discharge cycles will reduce the performance of the battery and expose the user to serious injury or property damage.
- » Li-Ion and LiFePO4 Rechargeable Battery Packs: DO NOT use Li-Ion and LiFePO4 rechargeable battery packs for longer than five years. Using for a period longer than five years will reduce the performance of the battery and expose the user to serious injury or property damage.
- » Lead Acid Battery: DO NOT use lead acid batteries for longer than five years or 400 charge/discharge cycles at 100% DOD (Depth Of Discharge) *, whichever comes first. Using lead acid batteries for longer than five years or 400 charge/discharge cycles at 100% DOD will reduce the performance of the battery and expose the user to serious injury or property damage.

* DOD (Depth Of Discharge) *: is the fraction or percentage of the capacity which has been removed from the fully charged battery. Depth of Discharge is defined as the total amount of energy that is discharged from a battery, divided by the battery nominal capacity. Depth of discharge is normally expressed as a percentage.

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Battery Recycling

ALWAYS dispose of batteries properly at an approved battery recycling center. Failure to do so may be a crime and can lead to the release of harmful toxic materials. Pelican has partnered with Call 2 Recycle in the US and Canada to dispose of recyclable batteries. Please call 1-800-822-8837 to find a battery recycling center near you.

