

We are interested in your input to help us improve our products.

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You may download a copy of the product warranty and registration on www.powerflare.com

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USAGE TIPS

Place the units on the road surface or other area that you wish to mark. Avoid placing the units on gravel or sharp objects. Such debris could puncture or crack the unit if it is run over by a heavy vehicle.

Units may be attached to your belt, backback, bicycle, etc. with a lanyard or carabiner.

Units may be wedged inside most standard traffic cones to illuminate the cone. *Use soap and water to clean the unit as needed.*

Legal Statement

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PF-200 Safety Light User Manual

WARNING: Avoid staring directly at units when in operation. PowerFlare® products contain high-energy batteries and circuits. Do not dispose in fire or expose to temperatures in excess of 100°C (212°F) or below -40°C (-40°F). Products and specifications subject to change without notice. Obey all applicable laws and regulations. Do not disassemble except as instructed for battery replacement. Do not open in HazMat environment. Waterproof only when properly resealed.

ACTIVATION AND OPERATION

Both the non-rechargeable PF-200 and the rechargeable PF-200R are activated by a push-button located on the face of the unit (figure 1). There are many built in flash patterns that are selected “round robin” each time the button is pushed.

To turn the light off, you can 1) hold the button down or 2) simply click until the “off” position is reached. If you hold the button down to turn it off, the unit will come back on in the last pattern you used.

Tactical Flash: When the unit is off, holding the power button down will produce a bright, momentary flash.



Figure 1

Flash Pattern	PF-200	PF-200R
Solid-On High	8 hours	2 hours
Rotate	15 hours	3 hours
Alternate	10 hours	2 hours
Quad Blink	15 hours	10 hours
Double Blink	30 hours	7 hours
Fast Blink	12 hours	8 hours
Slow Blink	100 hours	24 hours
Solid-on Low	60 hours	36 hours
SOS (Morse Code) Rescue	24 hours	4 hours
Flashlight	15 hours	3 hours

Note: Blue, Green & White color LED versions will run about 50-80% of listed times. Battery performance can vary from factors such as temperature, age of the battery, etc.

BATTERY CHANGE INSTRUCTIONS

The PF-200 uses a high-quality CR123 lithium battery. The PF-200R uses a rechargeable RCR123 Li-Ion battery.

First, open the case by removing the screws with the included 7/64 hex (Allen) key (figure 2). Carefully open the lid. There are 4 small tabs on the rim of the lid to make it easier to pry the lid with your fingers (figure 3). **Do not use tools to remove the lid. You could damage the unit.**

Remove the battery by holding down the top of the battery box and pulling up on the rubber sleeve (figure 4) around the battery. Note the polarity indicators. There is a “+” sign on the battery box. **Save and reuse the rubber sleeve on the replacement battery.**



Figure 2



Figure 3

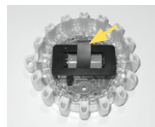


Figure 4

When putting the unit back together, be sure the black O-ring is properly seated in the groove in the lid. You can lubricate this O-ring by applying a small amount of appropriate silicone or water-based (not petroleum) “gasket lube” (used with many SCUBA diving flashlights, etc.) Also place a small amount of lube on the areas of the case under the screw heads.

Failure to properly re-seat the O-ring and lubricate may cause the unit to no longer be waterproof. NOTE: This model is rated as waterproof to 80'. The unit may switch modes/off at greater depth.

Align the lid with the body-case and push back together with your fingers. Make sure the lid is completely flush with the surface of the unit body. Gently tighten each screw. Overtightening may break the aluminum screw. Replacements available.