



Custom Carry Bags available in two sizes:

Small: holds up to 4 Medium: holds up to 8

Two zippered compartments. One for the Safety Lights and one for the allen wrench (included free) and extra batteries.



Accidental Combustion of Fusee Flares in Trunk of Police Car

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PowerFlare® products have been proven with some of the most demanding users in the world: military, special forces, SWAT teams (tactical infrared available), rescue units, police, sheriffs, first responders, and many others.

Customers	Applications	
Law Enforcement, Military	Traffic safety, SWAT, EOD (infrared available)	
Fire, EMS, Rescue	Traffic safety, beacons for fire ground marking, RIT/ RIC, SAR, helicopter LZs	
Public Works, Utilities, Road Crews, Tow Trucks	Work zone safety	
Emergency Response Teams	Mark personnel, triage	
Home Safety	Disasters, blackouts, signal ambulance or rescuers	
Industrial Safety	Emergency kits, employee/ customer appreciation	
Sports	Boating, hiking, camping, SCUBA diving, hunting, fishing, biking	

"With PowerFlare units, there are no health or environmental concerns. There is no smoke to inhale, no residue to worry about, no fires to extinguish, and we are utilizing a device that provides better visibility, making it safer for the police officers and the public."

Lt. J. Tanoue, Maui Police Dept.

# PowerFlare® PF-200 Safety Light



Vehicle Breakdown \* Traffic Control
Rescue Signal \* Boating/Marine
SCUBA Diving
Tactical Police & Military Operations
Helicopter Landing Zones
Power Blackouts \* Earthquakes
Hurricanes \* Disasters
Other Emergencies



Invented by a police officer, the amazing new **PowerFlare® PF-200 Safety Light** is an essential piece of equipment for police, firefighters, EMTs, rescue first responders, and members of emergency response teams.

This compact (4") light emits 360° of ultra-bright light from an array of 16 LEDs, visible for up to 10 miles away. It is waterproof and so tough, *you can run it over with a fire truck.* (See video on www.powerflare.com).

Unlike flashlights with alkaline batteries or chemical light sticks, PowerFlare units can handle extreme temperatures, can be used in HAZMAT situations (intrinsically safe design), and feature an impressive 10 year shelf life using lithium batteries.

This same technology used by first responders and the military is now available for you and your family.

## **Personal safety:**

- in your car in case of breakdown or accident
- keep in disaster supply kit
- power failure/blackouts
- signal rescuers to your house (put in window or driveway)
- sports and recreation (easy to clip on to belt, backpack, bicycle, etc.)
- SCUBA diving: waterproof to 80'

The PowerFlare® PF-200 Safety Light has 10 flash patterns, including the U.S. Coast Guard approved "SOS" (Morse code) and solid-on (lantern). Runs up to 150 hours on the replaceable CR-123 non-rechargeable batteries or up to 100 hours on the replaceable RCR-123 rechargeable batteries.

# The <u>PowerFlare PF-200 Series of Electronic LED</u> <u>Safety Lights</u> comes in two styles:

- Non-rechargeable <u>**PF-200**</u>, which uses a single replaceable CR-123 Lithium battery.
- Rechargeable <u>PF-200R</u>, which uses a single replaceable RCR-123 Lithium-Ion battery.

# PF-200 & PF-200R Specifications

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	PF-200	PF-200R (Rechargeable)	
Size	4.25" (12cm) diameter x 1.25" (3.5cm) tall		
Weight	Less than 7 oz. (200g) with battery		
Battery	1 CR-123 Lithium battery	1 RCR-123 rechargeable Li-Ion battery	
Shelf-Life	10 years	Holds useful charge for ~60 days out of charger; but meant to be left in charger when not in use	
Buoyancy	Positive (floats); can attach weight		
External Power	Non-rechargeable CR-123 Battery	Charger PF-CHGR-206: 12-30VDC, 1A (max.); 0.7A trickle (A/C adapter avail.) @12VDC nominal	
Op. & Storage Temps	<u>Fahrenheit</u> : -40/-40 to 212/248 deg F <u>Celsius</u> : -40/-40 to 100/110 deg C		
Emission Source	360 degree LED array: solid-state; no filament		
LED Light Colors (per unit)	Red, amber, blue, green, white, infrared (IR).		
Light Output Wavelength (nm) Color & Power (PEP)	Red: 630 @ 128,000 mcd Amber: 595 @ 80,000 mcd Blue: 464 @ 38,400 mcd Green: 525 @ 80,000 mcd White: white spectrum @ 96,000 mcd Infrared: 890 @ 236 mW		
Daylight & Night Visibility Ranges	Night: visible to 900M (~3,000 ft) on road or water >10 miles (16 km) from air <u>Day</u> : visible to 300M (~1,000 ft).		
Housing Color & Material	Yellow, orange, blue, olive drab green, tan, and black polymer		
Water Depth Rating	80' submersion		
HAZMAT	Hermetically sealed		
Chemical	Contains no hazardous chemicals Withstands exposure to petroleum-based fuels Avoid acetones and benzopyrenes		
Switch Type	Push button		
Flash Patterns (User-Selectable) Max. Run Times, Continuous Note: Times listed are for red, amber, and IR LEDs. Blue, Green & White color LED versions will run from 50-80% of listed times depending on pattern used.	Rotate: 16 hours Alternate: 10 hours Quad-Blink: 50 hours Double-Blink: 35 hours Fast-Blink: 20 hours Slow-Blink: 150 hours Solid-On Low: 100 hours "S-O-S": 24 hours	PF - 200R	

# PowerFlare PowerPack 24

When the situation requires traffic control, this rugged carrying case of 24 non-rechargeable PowerFlare Safety Lights provides an efficient, cost effective method of quickly, clearly, and safely controlling traffic.

Beacon LED and Shell colors can be mixed or matched.

The lightweight, waterproof Pelican Storm Case®, is extremely tough and guaranteed for life. It comes in yellow (pictured), orange, tan, black, and olive drab green.



The PowerFlare *PF-200R* 6-Pack Rechargeable System (shown here) comes with six PF-200R beacons in a rugged recharger box. To charge the units, the charger box is plugged into a vehicle hot point (12-30VDC). With the purchase of an optional adapter (part number ACDC-002) the PowerFlare Rechargeable System can be plugged into a 120VAC receptacle for charging in the home or office. This System is designed to be used on a regular or daily basis. The RCR-123 Li-Ion rechargeable batteries are replaceable at the end of their useful life (usually 2-4 years).

### **Approvals & Certifications:**

- Complies with U.S. DOT (FMCSA) 49 CFR §§ 392.25 & 393.95(g).\*
- MUTCD Type A (flashing) and Type C (solid on).
- Designed to meet MIL-SPEC/MIL-STD 810 for shock, vibration, and water-resistance.
- CE Certified
- RoHS Compliant
- \* Federal Regulations 49 CFR §§ 392.25 & 393.95(g) prohibit the carrying of any flame-producing flare on any Commercial Motor Vehicle (CMV) transporting explosives; any cargo of flammable liquid or flammable compressed gas, whether loaded or empty; or any CMV using compressed gas as a motor fuel. **PowerFlare**® products would be allowed on such CMVs.