



Carry bags available in three sizes:

Small: holds 4
 Medium: holds 6
 Large: holds 18

Two zippered compartments. One for the Safety Lights and one for extra batteries and allen wrench.



PowerFlare light under a traffic cone



PowerFlare lights deployed on road for traffic control



PowerFlare Safety Light being run over by an E-1 Titan fire truck



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 fireground 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**



www.powerflare.com

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), and feature an impressive 10 year storage/shelf life, using lithium batteries that won't ever leak.

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 9 flash patterns, including U.S. Coast Guard approved "SOS" (Morse code) and solid-on (lantern). Runs up to 100 hours on either CR-123 batteries (PF-200) or AA NiMH rechargeable batteries (PF-200R). In both cases the batteries are replaceable.



PF-200 & PF-200R Specifications

	PF-200	PF-200R (Rechargeable)
Size	4.25" (12cm) diameter x 1.25" (3.5cm) tall	
Weight	6.7 oz. (190 g) with battery	7.7 oz. (218 g) w/ battery
Battery	1 CR-123 Lithium battery	2 AA Nickel-Metal Hydride (NiMH) rechargeable batteries
Shelf-Life	10 years	Holds useful charge for ~ 30 days out of charger; but meant to be left in charger at all times
Buoyancy	Positive (floats); can attach weight	Negative (sinks); can attach float
Power	Non-rechargeable CR-123 Battery	Charger PF-CHGR-206: 12-24VDC, 2.5A (max.); 0.95A trickle (A/C adapter avail.) @12VDC nominal
Op. & Storage Temps	Fahrenheit: -40/-40 to 212/248 deg F Celsius: -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). Custom colors available.	
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 Day: visible to 300M (~1,000 ft).	
Housing Color & Material	Yellow, orange, or olive drab (OD) polymer	
Water Depth Rating	80' submersion	
HAZMAT	Hermetically sealed; intrinsically safe	
Chemical	Contains no hazardous chemicals Withstands exposure to petroleum-based fuels <i>Avoid acetones and benzopyrenes</i>	
Switch Type	Push button	
Flash Patterns (User-Selectable) Max. Run Times, Continuous	Flash Pattern	PF -200 PF -200R
<i>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.</i>	QuadFlash:	15 hours----- 5 hours
	Double-Blink:	30 hours----- 18 hours
	Rotate:	15 hours----- 12 hours
	RotoStrobe:	N/A----- 12 hours
	Single-Blink:	100 hours----- 100 hours
	Alternate:	10 hours----- 10 hours
	S-O-S:	24 hours----- N/A
	Solid-on High:	8 hours----- 5 hours
	Solid-on Low:	60 hours----- 100 hours
	Flashlight:	15 hours----- 12 hours

The PowerFlare PF-200 Series of Electronic LED Safety Lights comes in two styles:

- Non-rechargeable PF-200, which uses a single replaceable CR-123 Lithium battery.
- Rechargeable PF-200R, which uses two replaceable AA Nickel-Metal Hydride (NiMH) batteries.

LED Colors:
Red
Amber (shown)
Blue (shown)
Green (shown)
White (shown)
Infrared



The PowerFlare PF-200R 6-Pack Rechargeable System (shown here) comes with 6 of the PF-200R beacons in a rugged recharging case. The recharger is plugged into a vehicle hot point (12-24VDC) or, for charging in the office or home, can be plugged into a 120VAC receptacle with optional adapter. This System is designed to be used on a regular or daily basis. The 2 AA Nickel-Metal Hydride (NiMH) batteries are replaceable at the end of their useful life (usually 3 - 5 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.

* 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.