

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](http://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.

**The same technology used by first responders and military groups 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 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.



## PF-200 & PF-200R Specifications

	PF-200	PF-200R (Rechargeable)	
Size	4.25" (12cm) diameter x 1.25" (3.5cm) tall		
Weight	Less than 7 oz. (200 g) with battery		
Battery	1 CR-123 Lithium battery	1 RCR-123 3.6V 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		
Power	Non-rechargeable CR-123 Lithium Battery	Charger PF-CHGR-206: 12-30VDC, 1A (max.); 0.7A 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 Avoid acetones and benzopyrenes		
Switch Type	Push button		
Flash Patterns (User-Selectable) Max. Run Times, Continuous	<b>Flash Pattern</b>	<b>PF-200</b>	
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.	Solid-On High	8 hours	<b>PF-200R</b>
	Rotate	16 hours	2 hours
	Alternate	10 hours	3 hours
	Quad-Blink	10 hours	2 hours
	Double Blink	50 hours	10 hours
	Fast-Blink	35 hours	7 hours
	Slow-Blink	20 hours	8 hours
	Solid-on Low	150 hours	100 hours
	"S-O-S"	100 hours	36 hours
	Flashlight	24 hours	4 hours
	Flashlight	25 hours	3 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 3.0V Lithium battery
- Rechargeable **PF-200R**, which uses a single replaceable RCR-123 3.6V Lithium-Ion battery.

#### LED Colors:

- Red (shown)
- Amber (shown)
- White (shown)
- Green (shown)
- Blue (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 (12-30VDC) 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 RCR-123 Li-Ion rechargeable 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 and 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.