



Application Note: SCUBA Diving & Rescue

SCUBA divers, especially those in law enforcement and emergency medical service (EMS) operations, currently have limited options for underwater lighting and safety/rescue beacons.

Divers conducting search and rescue missions face hazards seldom encountered by recreational divers. But even recreational divers share a need to be seen while diving.

The PowerFlare® electronic beacon offers divers the following benefits:

- **Increased Visibility:** By placing the PowerFlare unit on the diver, visibility will be increased. In the event of an emergency, the unit can be released, where it will float to the surface, marking the diver's position for rescuers. PowerFlare units will flash over 24 hours using multiple user-selectable flash patterns, including U.S.C.G. "SOS". Various light colors are available (red, blue, green, white, etc.)
- **Compact:** PowerFlare units are about the size of a hockey puck. They can mount just about anywhere on the diver or his equipment.
- **Light Weight:** Even though PowerFlare units are extremely rugged (can be run over by big rig trucks), they weigh less than 7 ounces.
- **Versatile:** In addition to general diver safety, PowerFlare units can be used to mark scenes for rescue/recovery, as floating landing zones for helicopters, or other beacon applications. PowerFlare units are rated to 80' depth and have positive buoyancy in salt water (weights can be attached, as needed).
- **Economical:** PowerFlare units are cost-effective: no alkaline batteries to replace & no messy, dangerous chemicals.

We believe that you and your dive teams will find the PowerFlare product to be of great benefit to your safety. For further information and to place an order, please visit us on the Web.

www.powerflare.com