



Range of lights for everyone

Pel™ Lights include Xenon, LED and Halogen lamps that emit an extraordinary bright beam. The extremely powerful, white beam of light enables a perfect vision in the darkness and cuts through rain, smog, fog or cloudy diving conditions. You can choose a Xenon or Halogen lamp for long distances lighting or use an LED lamp that offers brightness with a long burn time and low cost of replacements (lamps and batteries). Available in alkaline and rechargeable versions.



Pel™ offers a bright, concentrated and pre-focused beam.

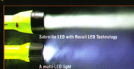


Other lights offer a poor beam with shadows.

Professional lights for extreme conditions

RECOIL LED Technology

Pel's new RECOIL LED Technology is starting a new revolution within the LED world. This technology functions by directing the beam of a one Watt Luxeon LED into the reflector that captures 100% of the light and reflects it forward into a pure collimated beam of white light. It works like a lighthouse. This new technology offers the brightness of the Pel's conventional lights combined with the advantages of LEDs (longer burn time, low replacement costs).



Submersible LED with Recoil LED Technology

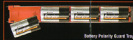
A recoil LED light

The safest lights

Pel™ Lights have Safety and Quality Certifications from independent safety organizations from around the world. In Europe they comply with the ATEX Directive, obtaining approvals to Zones 0, 1 and 2 (Categories 1, 2 and 3 respectively).



One of the most important features is the Battery Polarity Guard Tray that makes operating the light impossible if one or more cells are inverted, avoiding the dangerous 'outgassing' of hydrogen.



Battery Polarity Guard Tray



It absorbs excess hydrogen inside the light

Another safety feature is the Umbrella Valve that automatically allows the pressure inside the light (created from the outgassing of hydrogen from the batteries) to release (updated version of the PRV, introduced in 1990).

Some lamps also include Gas-Absorbing Pellets that absorb excess hydrogen retained inside the light and prevent the risk of explosion.

Another durability enhancing feature is the Anti-Shock Battery Protection System. It is included in certain lights to prevent damage to the batteries and lamp modules when dropped.



Anti-Shock Battery Protection System

Submersible to 150 meters

Most Pel™ Lights are submersible (some of them up to 150 meters) thanks to the o-ring seal that fits the head with the rest of the body. The Umbrella Valve is also designed to be watertight; it allows the hydrogen gas inside the light to escape, but keeps water from entering.



Umbrella Valve

Small Lights



Heads Up Lite™ Range



Medium Lights



Large Lights

