

REINVENT YOUR POOL

revolutionary ultraviolet pool system



 **SPECTRA LIGHT™**
ULTRAVIOLET



salt water pool
compatible

REDUCE
CHEMICAL DEMAND
UP TO 85%



Revolutionary Light

Meet SpectraLight — the ultraviolet pool system for less chemicals and a healthier pool. SpectraLight was built on a vision that harnesses the power of ultraviolet light to shift away from chemicals. As a truly clean technology, UV is forever changing the way pools are sanitized.



Revolutionary results

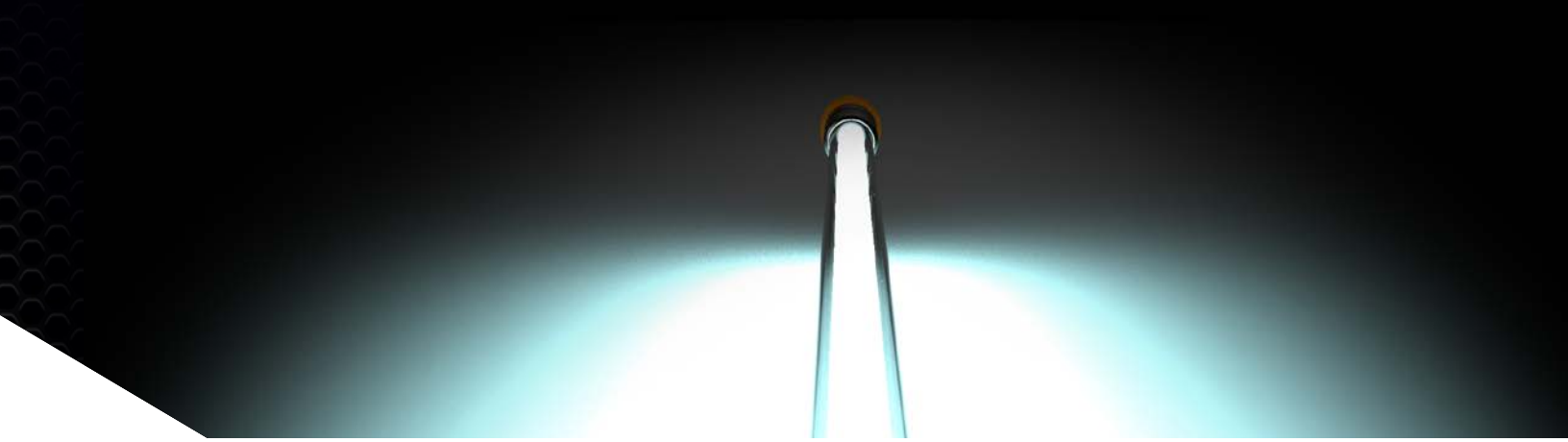
SpectraLight was built on a visionary model inspired by drinking water treatment where chlorine levels are reduced to just 0.5 parts per million — a level safe for consumption. The high organic load in regular pools would quickly use up such a low level of chlorine. The secret to SpectraLight's success is its unique ability to destroy 99% of the organic matter.

As the water flows through the sterilization chamber, SpectraLight emits a high intensity UV-C germicidal light ray that targets the DNA and RNA of all types of microorganisms, many of which were previously untouchable. Bacteria, viruses, algae, protozoan cysts, giardia, parasites, and spores are all destroyed instantly.

“ UV disinfection is now **recommended** by the Center for Disease Control.”

UV destroys over 99% of the organic matter and pathogens found in pools. As a result, chlorine levels can be lowered to those found in tap water — to just 0.5 ppm. That's only one drop of chlorine for every 26 gallons of water.





The Impact of Pool Chemicals

Research has confirmed what we've suspected for years — a low chemical pool is better for our health and the environment. One leading scientist was recently quoted as saying, **“The impact of pool chemicals to our children is five times greater than second hand smoke.”** It turns out that our skin is like a sponge — capable of absorbing hundreds of chemicals found in pool water.

“ Lower free chlorine concentrations may be **health protective** when UV is used.”

World Health Organization



Both regular pools and saltwater pools require a chlorine level of 2-4 ppm free chlorine. We've known for years that chlorine may burn the eyes and irritate the skin.

Recent studies have linked repeat exposure to common chlorine levels to allergies, asthma and damage to the heart and immune system. In further testing, scientists found when chlorine levels were lowered to 0.5 ppm, the risks disappeared. These studies along with others led to widespread support for UV.



WATCH THE VIDEO AT
SpectraLightUV.com/video



“ UV systems are the **strongest oxidizers** available to pool operators.”

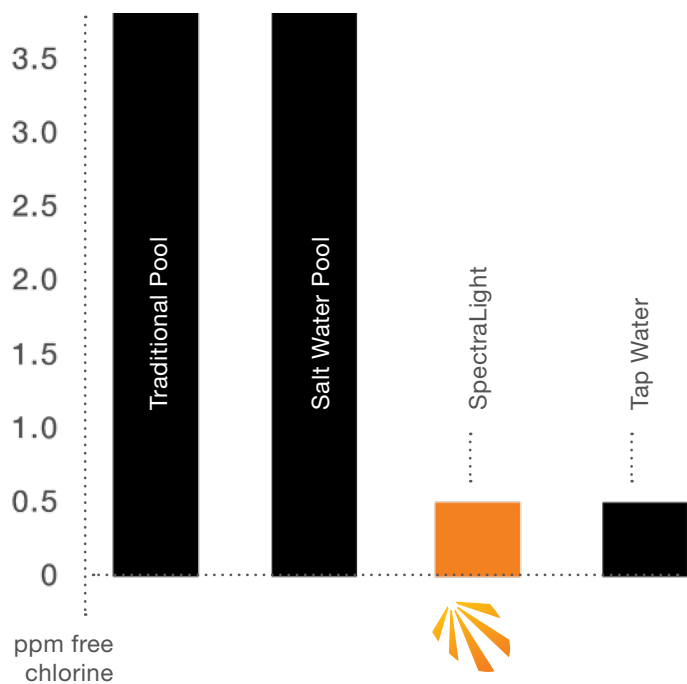
Professional Pool Operators of America

What are the savings?

SpectraLight breaks the vicious cycle of chemicals once and for all. SpectraLight users report saving \$400 - \$600 per year in chemicals, depending on pool size. And with high water quality, pumps, filters, heaters, and pool surfaces will all last significantly longer. SpectraLight also eliminates the need to purchase expensive specialty chemicals like algaecide.

What about saltwater pools?

Since saltwater pools still maintain the same chlorine level as regular pools, they generate the same unhealthy disinfection by-products. The good news is that SpectraLight is fully compatible with salt-based chlorinators. With SpectraLight on the job, salt pool owners can dial down the chlorine generator and enjoy safe low chlorine water.



	typical treatment	with SpectraLight	% reduction
residual chlorine	3 - 4 ppm	0.5 ppm	83 - 87%
chlorine shock	every 1 - 2 weeks	every 2 - 3 months	80 - 92%
stabilizer	30 - 50 ppm	3 - 8 ppm	77 - 94%
pH up/down	frequent adjustments	adjustments are rarely needed	75 - 90%
algaeicide	varies	never	100%

US Navy selects SpectraLight

SpectraLight has been selected by the US Navy to provide UV equipment for the Marine Mammal Program. This formerly classified Navy program trains marine mammals like bottlenose dolphins and sea lions to perform important underwater jobs such as equipment recovery and protection of ships and harbors. It doesn't get any better than having the trust and confidence of the US Navy placed with your organization.



“About **80%** of new water parks and aquatic facilities feature ultraviolet.”

..... National Swimming Pool Foundation



UV Chosen by World's Top Aquatic Centers

The world's major aquatic centers rely on UV disinfection for professional grade non-chemical disinfection. The most iconic aquatic center ever built is no exception. All pools at the 2012 Games relied on ultraviolet to reduce the free chlorine level to just 0.5 ppm — the same concentration as in our drinking water. Spectators felt as though they were in the pool as they watched each and every stroke through perfectly clear water.



IntelliVolt™ Electronic Ballasts

Solid-state ballasts are engineered for maximum efficiency — reducing energy use up to 30%. Fuse-protected and switched, each solid-state electronic ballast is weather protected by a NEMA enclosure powder-coated in stone gray.



Easy Installation

SpectraLight connects between your existing filter and the water line returning to the pool. SmartConnex™ allows for 360 degree port rotation, so installation is quick and easy for both new and existing pools.

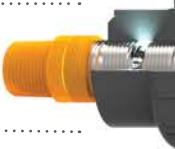


Aerospace Developed Double Seal

Invented to meet the demanding needs of the aerospace industry, fluoroelastomers and a double stainless steel seal deliver outstanding reliability and a long service life.

Visit Port™ Glows When On

Quick-Release



SpectraLight's double stainless steel seal is CNC machined to exacting specifications.



Energy Smart

SpectraLight uses the power of a regular light bulb and requires very little maintenance. Just set it, forget it, and sleep secure.



Industrial Graphite Housing

The high-impact, non-corrosive polymer housing features Titanium Dioxide for maximum UV resistance. The optimized chamber insures high flow rates and maximum UV dosage.



Intelligent Design

Modular construction allows SpectraLight to be assembled and disassembled in less than three minutes. Quick-release means the protective sleeve can be removed and reinstalled in less than 60 seconds without using a single tool.



Ultra High-Output Lamps

Charged with a proprietary blend of xenon, neon & argon, ultra high-output lamps deliver four times the UV power of first generation lamps while lowering power usage by 30%.

The Power of Ultraviolet

- + Reduce chemical demand up to 85%
- + Kills algae, bacteria, viruses, cysts & more
- + Eliminates red eyes, skin irritation and odors
- + Better for skin, hair & clothing
- + Extends life of pool equipment
- + Quick & easy installation



SpectraLightUV.com

SpectraLight was built on a vision that harnesses the power of ultraviolet light to shift away from chemicals. The result is a product that doesn't look like anything that has come before. And of all the conventional wisdom we've left behind in pieces, none has been shattered more fully than the belief that "less" and "more" cannot coexist.



Made in USA