



UUV

revolutionary pool disinfection

 **SPECTRA LIGHT™**
ULTRAVIOLET

A complete line of

BLUE ocean strategy products



Revolutionary Ultraviolet Disinfection Systems



Simple & Affordable Energy Efficient Pool Pumps



Robotic Pool Cleaners that run on 80% less power



Commercial Grade Zeolite Based Filtration Systems



ZeoPure Zeolite Media for Advanced MicroFiltration

**conventional
thinking**

**Maintain 2-4 PPM
chlorine for a safe pool**



A photograph of a crocodile in a pond. The image is split horizontally. The top half shows the crocodile's head and back above the water surface, with a dense line of green trees in the background under a blue sky with white clouds. The bottom half shows the crocodile's head and body submerged in the water, revealing its mouth and the interior of its body. The water is clear, and the crocodile's skin is dark and textured. The background shows a line of green trees and a white fence in the distance.

conventional sanitation

No strategy to address the hundreds of chlorine byproducts?

But is it **healthy?**

organic matter enters all pools



leaves
debris
dirt



urine
feces



sweat
oils



saliva
skin
hair

scientific **fact**

**organic
matter** + **chlorine** = **toxic
chlorine
by-products**



**pool water
is recycled
over and over**



for months
and even
years



creating a
toxic soup
of
chemicals

“The impact of these chemicals on the respiratory health of children is at least five times greater than

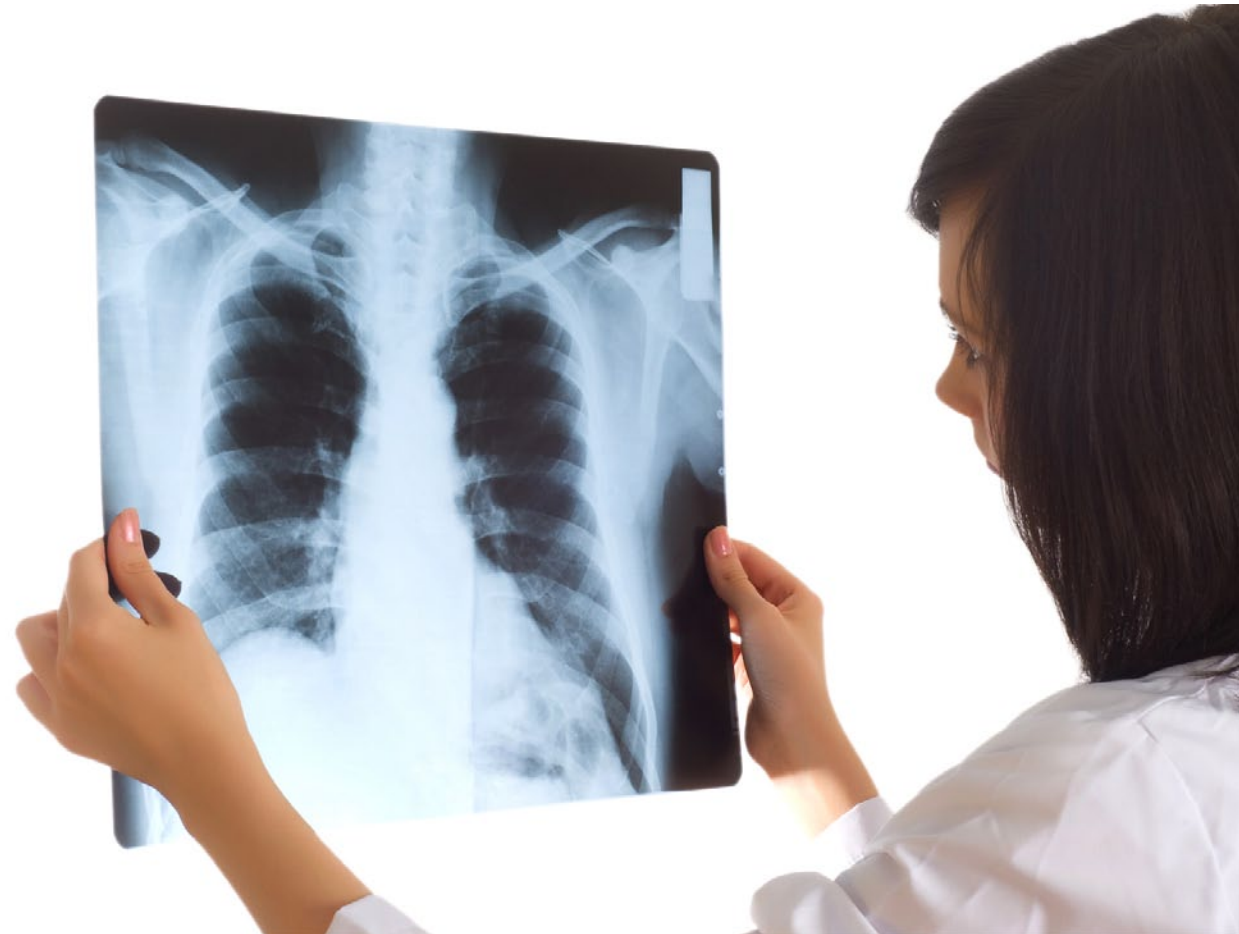
second-hand smoke.”

**Dr. Alfred Bernard, Toxicologist
Catholic University of Louvain**



Children who use pools
are five times more
likely to suffer from
allergies & asthma

peer reviewed study





researchers found:

Swimming in chlorinated
pools increases bladder
cancer risk by 57%.

Studies: Typical pool chlorine levels of (2-4 PPM) lead to constricted airways, coughing, and wheezing.





researchers
advocate
LOWER
chlorine levels

+

ELIMINATING
chlorine byproducts

**Researchers discovered that a
low chlorine level of 0.5 ppm is safe.**

So how do we get there?

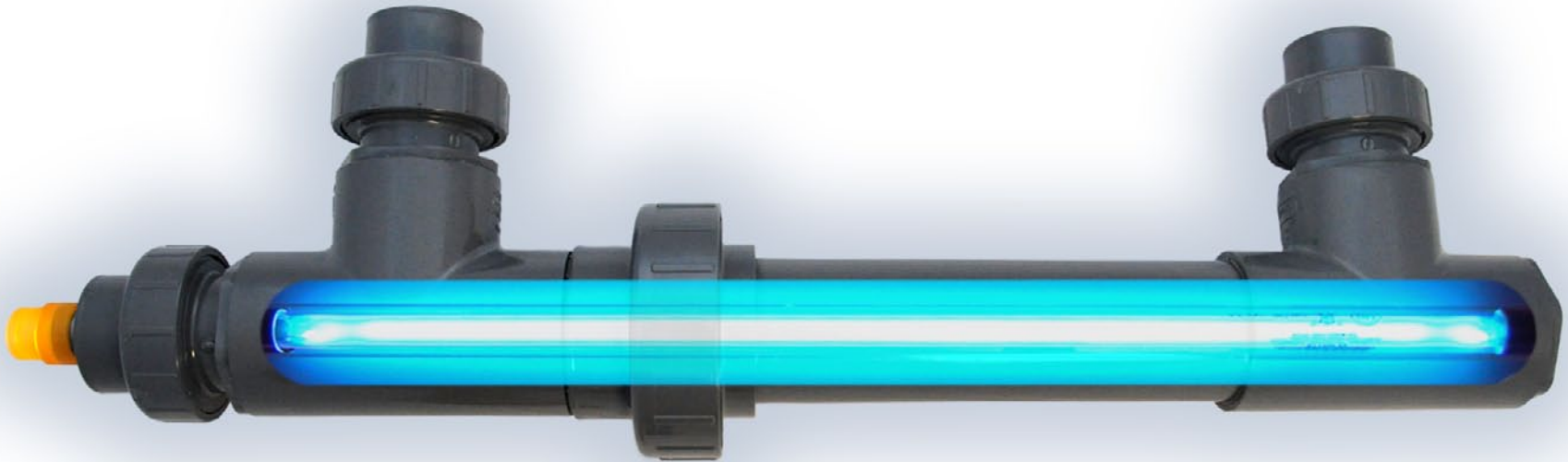
I have a
SALT POOL
do I need UV?

- salt is used to create chlorine in the pool
- chlorine levels are still a high 2-4 ppm
- byproducts are the same as other chlorine pools
- side effects of chlorine have similar effects
- salt is corrosive
- can damage pool equipment over time

YES

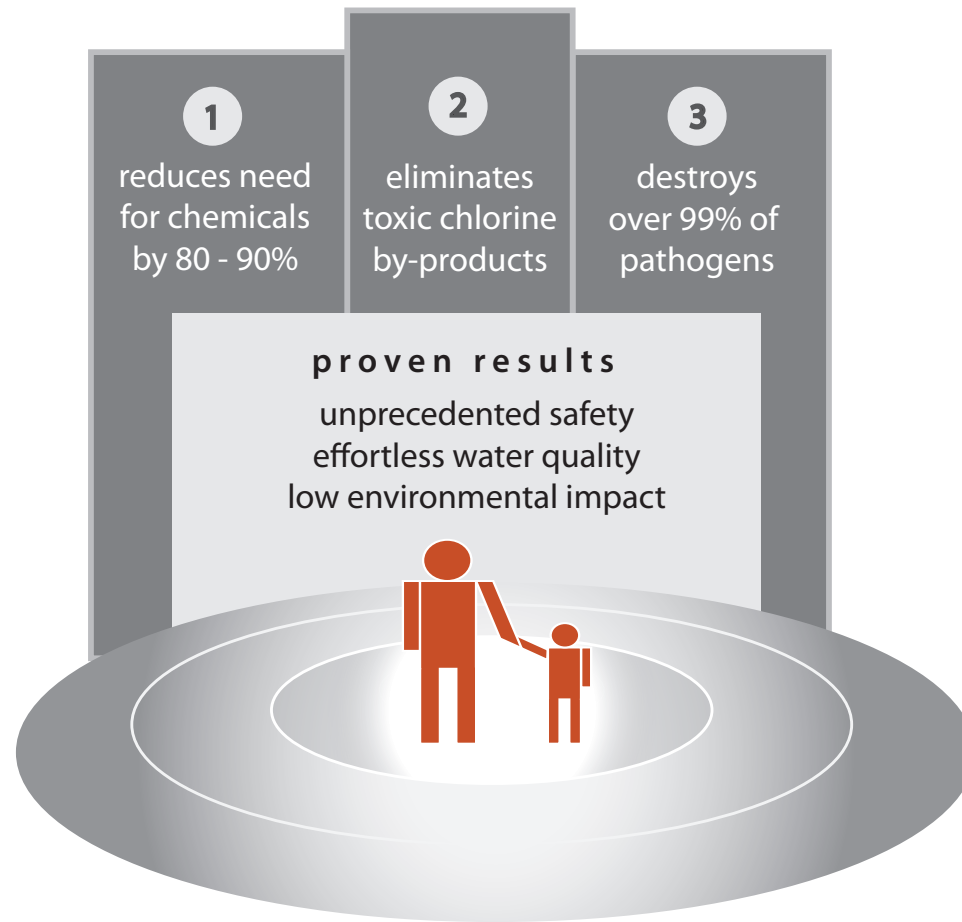
UV makes your salt pool better





UV Disinfection
a non-chemical process.



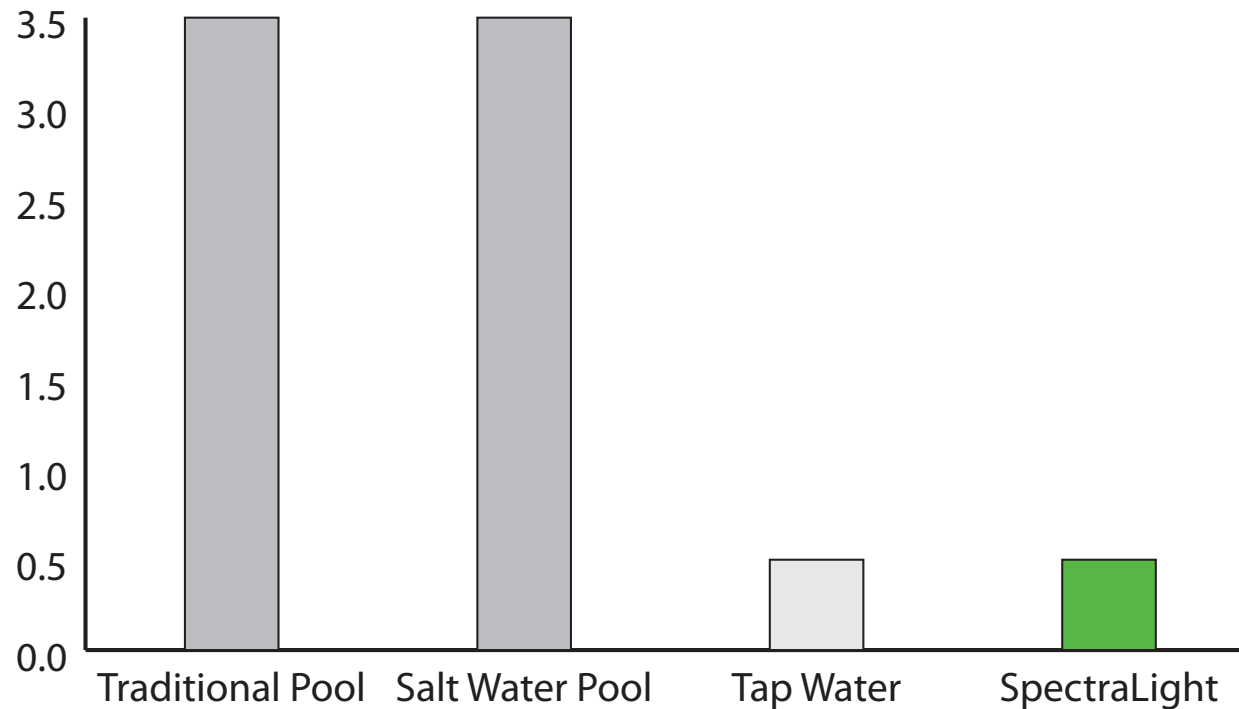


**SpectraLight's triple action
breaks the vicious cycle of chemicals.**

SpectraLight Action



**Destroys organic matter
which reduces need for
chemicals dramatically**



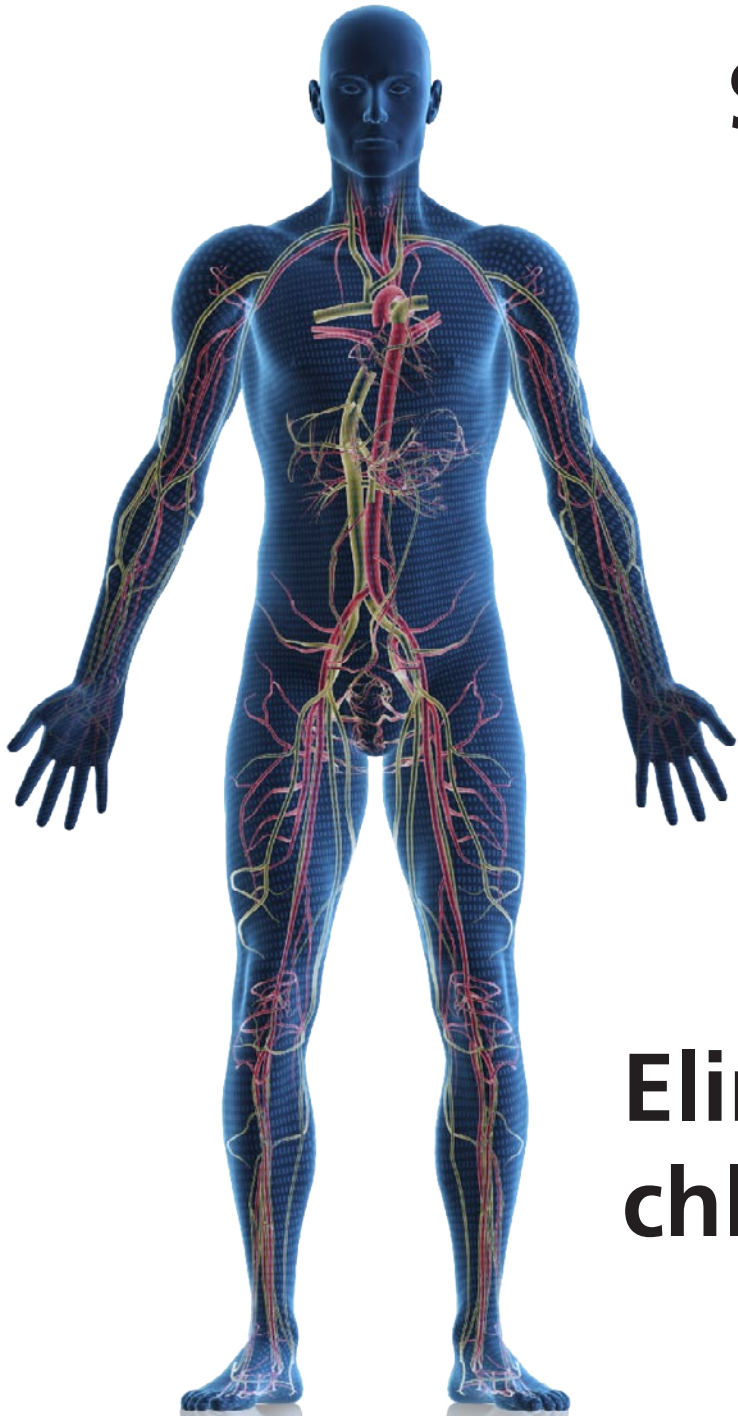
SpectraLight does the **heavy lifting.**
Now you can lower chlorine to just 0.5 ppm.

residual chlorine	2 - 4 ppm	0.5 ppm	75 - 87%
chlorine shock	often	rarely, ie. 1x YR	80 - 92%
stabilizer	30 - 50 ppm	3 - 8 ppm	77 - 94%
pH up/down	frequent adjustments	rarely, depending upon chlorine pH	75 - 90%
algaecide	varies	never	100%

All chemicals are lowered dramatically.

SpectraLight Action

2



Eliminates **toxic**
chlorine by-products.

SpectraLight Action



Destroys all known pathogens.
bacteria, viruses, algae, cysts, parasites

**Even the ones chlorine
can't touch, like crypto.**



UV photons destroy
pathogens' **DNA.**

A low-angle, upward-looking photograph of a dense forest canopy. The image is dominated by vibrant green leaves, with dark, silhouetted tree trunks and branches framing the scene. Sunlight filters through the foliage, creating a bright, glowing effect in the center of the frame. The overall atmosphere is fresh and natural.

SpectraLight reduces
environmental **impact.**



World Health
Organization

“ Lower free chlorine concentrations (.5 mg/l) may
be **health protective**
when UV is used. ”



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



**“ Ideally, UV disinfection would be the
gold standard
and we’ll move toward that. ”**



On Wednesday August 24,
SpectraLight was highlighted
in the Wall Street Journal.

WSJ

THE WALL STREET JOURNAL.

First page of Life & Style

The screenshot shows the WSJ Life & Style page. The main article is titled "Worth Their Salt? Pools Where Chlorine Isn't King" by Shalini Ramachandran. The article includes a photo of a lifeguard sitting on a chair under a blue and white umbrella at a swimming pool. The text below the photo reads: "A pool on the Fort Bragg, N.C., military base is one of a growing number of 'saltwater' pools in the U.S. By this stage of summer, days spent at the swimming pool have left many children with frizzled hair, red eyes and itchy skin. A growing number of pool owners, both private and public, blame the chlorine in the pool—and are trying so-called saltwater pools and other new technologies that promise disinfection with..."

On the right side of the page, there is a large orange circle with the text "sales have skyrocketed" in white. Below the circle is a red banner for Transamerica with the text "WHAT WILL WE NEED TO TRANSFORM TOMORROW?" and "LEARN MORE".

professional grade



Ultra High-Output Lamps | Industrial Non-corrosive Housing
Intellivolt Electronic Ballast | Double Stainless Steel Seal
Smart Connex Port Rotation | Lifetime Housing Warranty



a **revolution**
is taking place

UV protected
swimmers at the
games in Beijing.



New York City

is using 12,000 UV lamps
to keep drinking water safe.





The **US Navy**
selected SpectraLight
to protect its **dolphin**
pool from pathogens.

Over 200

leading aquatic centers

have made the move to UV.

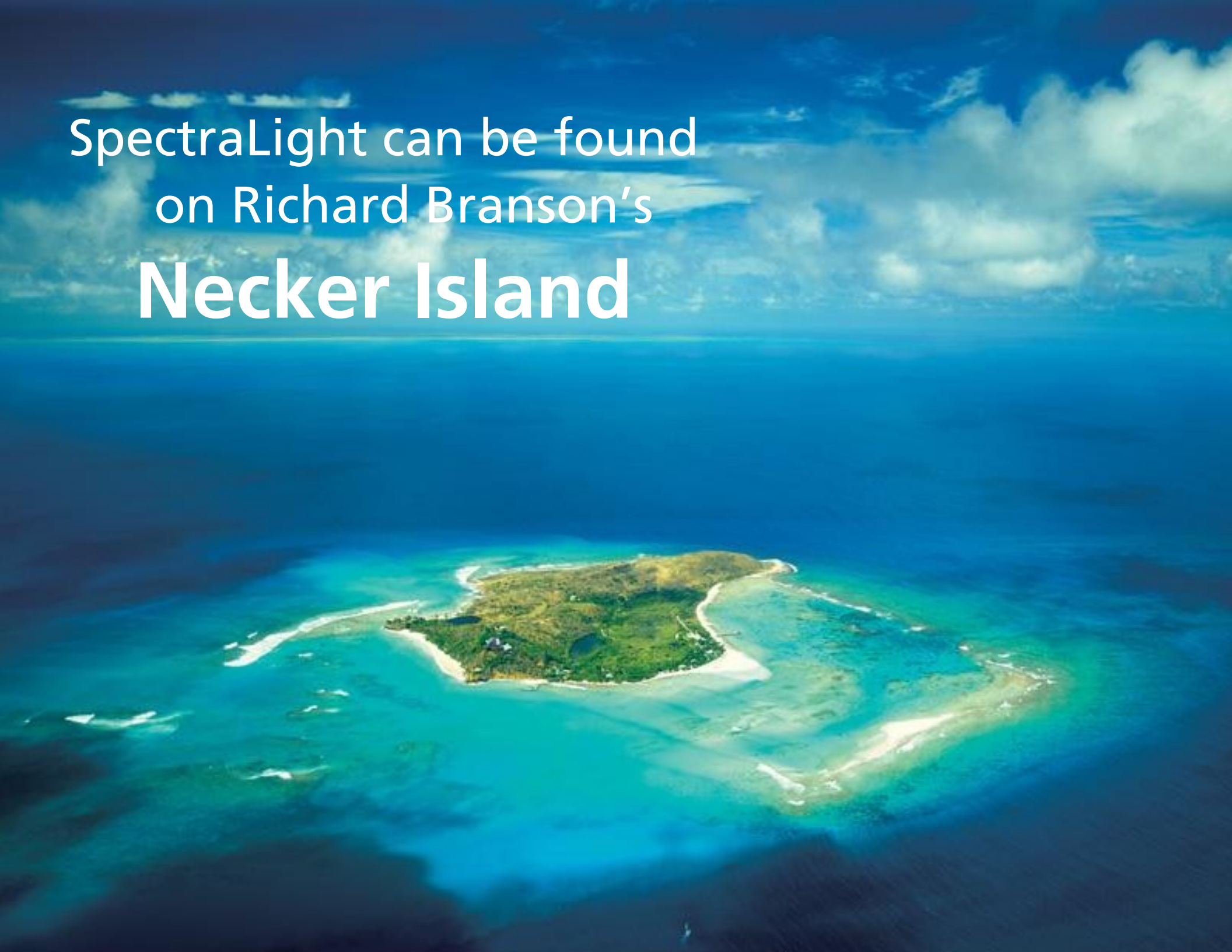




Tom Lachocki, CEO
National Swimming Pool Foundation

“ About 80% of new, large
water parks and
aquatic facilities feature **UV.**”

SpectraLight can be found
on Richard Branson's
Necker Island



Advantages

Tired of pool
hassles & headaches?

UV makes water quality management

easy.



Advantages

A high-angle, close-up photograph of the curved edge of a swimming pool. The pool's coping is white, and the tiles are a vibrant blue mosaic. The water is clear and bright blue, reflecting the light. The pool is set against a plain white background.

less chemicals
and a healthier pool

Advantages



lower your
chemical costs
dramatically

Advantages

Help protect

what's important



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