



Southern Lamps Inc.
UV & Specialty Supplies

UV DISINFECTION BROCHURE

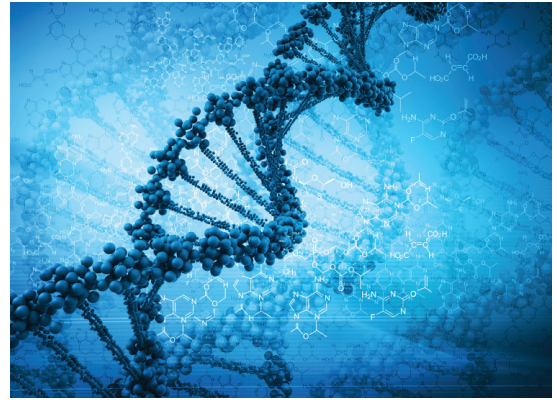
EXCLUSIVE DISTRIBUTOR FOR



UV DISINFECTION INDUSTRY SECTORS

The water decontamination industry is one of the most crucial industries in the world, each nation requires ultraviolet (UV) technologies for;

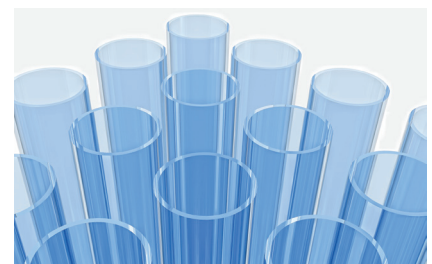
- Consumer drinking water
- Industrial process water
- Industrial waste water
- Municipal drinking water
- Municipal waste water
- Ballast water



SOUTHERN LAMPS INC PRODUCT RANGE

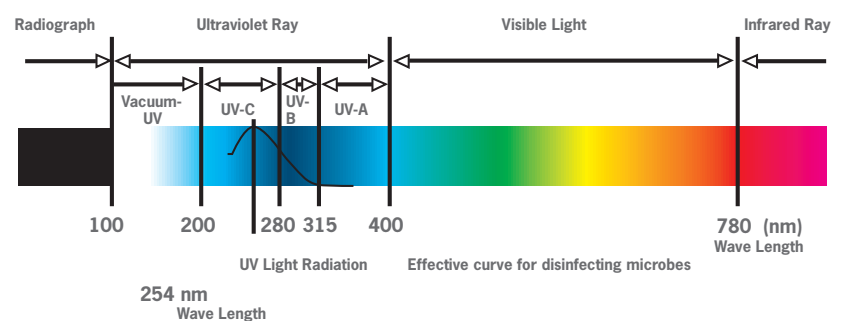
Southern Lamps Inc supplies bespoke lamp designs and cost effective UV lamp solutions to meet your exact requirements:

- Medium/High pressure mercury UV lamps
- Low pressure, low output mercury UV lamps
- Low pressure, high output mercury UV lamps (amalgam lamps)
- Lamp ballasts
- Electronic power supplies
- Quartz sleeves
- UV measuring equipment
- Infrared
- Lamp and system accessories



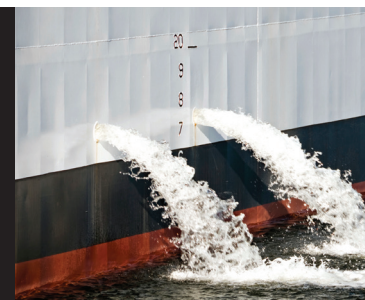
PRINCIPALS OF UV DISINFECTION

UV radiation works on the principle of producing light around the wavelength of 254nm. Radiation at this wavelength is absorbed by microbes and can damage microbial DNA and RNA with significant impact. The UV-C ray severely damages the microorganisms, this prevents them from reproducing, rendering them harmless.



QUALITY PROMISE

- Delivering the highest quality product
- Each lamp individually handcrafted
- Unrivalled manufacturing processes
- Advanced components
 - > Highest grade vacuum baked quartz
 - > Ultra-high purity noble gases
 - > Mercury purity reaching levels of 99.995%



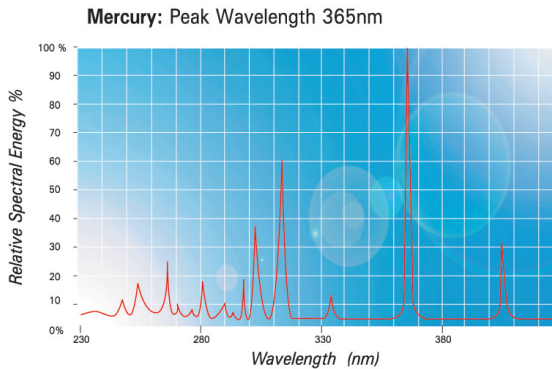
UV SPECTRAL OUTPUTS

STANDARD MERCURY

- High radiation output suitable for many water disinfection applications

HIGH PERFORMANCE

- Compact designs with high UV output

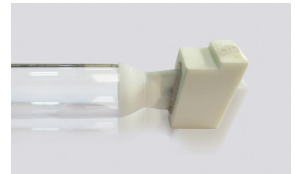


UV LAMPS FOR EVERY UV SYSTEM

BESPOKE UV LAMP

DESIGNS TO MEET YOUR EXACT REQUIREMENTS:

- 50 to 550 W/cm
- 200 watts to 50 kilowatts
- 3cm to 3.5m arc length
- 10mm to 46mm diameter
- Roll Seal
- Pinch Seal
- Over 150 Socket Types (Ceramic & Metal)



Manufactures equivalents to all leading lamps produced in Europe, North America and the Far East.

MATERIAL INSPECTION

All manufactured lamps and components must pass Alpha-Cure's rigorous in-house inspection procedures.



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EXCLUSIVE DISTRIBUTOR FOR
ALPHA-CURE
Specialists in UV Technology

CUSTOMER SERVICE

Highly trained technical and commercial staff ready to assist you with your lamp enquiries.



Southern Lamps Inc.
UV & Specialty Supplies



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**FOR ORDERS OR MORE DETAILS,
PLEASE CONTACT US TODAY!**

Call: 352 624 2026 | **Email:** info@southernlampsinc.com
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