ENLIGHT KEY IMPROVEMENTS

- Improved disinfection capacity through higher disinfection density
- Improved UVC utilization efficiency with specially designed reflection
- Modular design with self-contained reactor temperature control system
- SMART lamp technology where the lamps tracks performance and status
- Compact footprint with internal cooling system and optimized UVC output

VALIDATION COMPLETED BY CAROLLO ENGINEERS:

- 3rd party validation completed
- California Title 22 standard tests completed
- T1 organism test completed
- Microbiological testing of both EOLL (end of lamp life) and tube fouling test vs standard quartz sleeve reactor

CA TITLE 22 TESTED
T1 TEST AND 3RD PARTY VALIDATION
NON-CONTACT UV

- Turbulent plug flow results in reliable dosing
- No contact with effluent, safe, clean and easy
- Fouling resistance eliminates cleaning mechanisms
- No quartz sleeves decrease maintenance time
- Temperature independence for best energy performance
- No auxiliary devices such as cranes, electrical cabinet housing, etc. required
- Unique closed open channel design

INTELLIGENT & ENERGY EFFICIENT

- Energy savings due to level controlled disinfection
- Fail safe mode / Auto repair functions ensure full disinfection at all times
- Built-in Intelligence
- Increased customer confidence through remote monitoring and decreased costs in trouble-shooting
- Flow optimized energy utilization, no over dosage

PERFORMANCE GUARANTEED

- Guaranteed 3rd party tested performance
- Design tool to increase confidence in system and decrease response time
- Less field trouble shooting
- Decrease in system size for reduced CAPEX/ OPEX
- High quality product ensured through processes, tools and certification

SERVICE & SUPPORT

- Fast turn-around of sales & project documentation
- Improved product structure and tools simplifying all processes
- Network ensures fast customer support & service
- Fast service part findings and quick trouble-shooting
- Cost savings due to increased reliability

NON-CONTACT (CLEAN) VS. QUARTZ (DIRTY)

TYPICAL LAMP REPLACEMENT TIME

1 minute – Enqua’s Non-Contact UV
15 minutes – Traditional Contact UV