

Water Point of Entry Proof of Concept

UVC-LED Water treatment for Point of Entry applications

Main features:

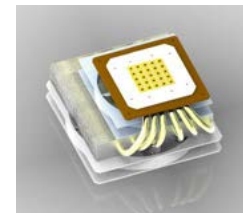
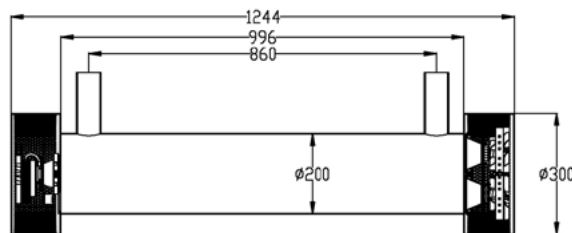
- 100 x Bolb S6060 265nm
- L70 min. 8000hrs
- Up to 380 L/min (100 GPM)
- Expected > 99,999 vs E-coli 8099
- 200W power consumption

265nm

Targeted applications:

- Industrial application
- Food processing
- Swimming pools
- Aquaculture
- Horticulture

L70
8khrs



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2. Test results:

Test organisms	Flow rate	Test times	Average cfu of testing groups (cfu/100mL)	Average cfu of positive controls (cfu/100mL)	Sterilization rate (%)
<i>Escherichia coli</i> 8099	5 GPM	1	<1	2.4×10^6	>99.99
		2	<1	2.7×10^6	>99.99
		3	<1	3.3×10^6	>99.99
	10 GPM	1	22	3.2×10^6	99.99
		2	14	2.7×10^6	99.99
		3	38	3.4×10^6	99.99

*tests performed on a 15GPM reactor

BOLB YOUR ONE STOP SHOP FOR UVC LED DISINFECTION



LEDs

Arrays

Modules