

Water Point of Entry Proof of Concept

UVC-LED Water treatment for Point of Entry applications

Main features:

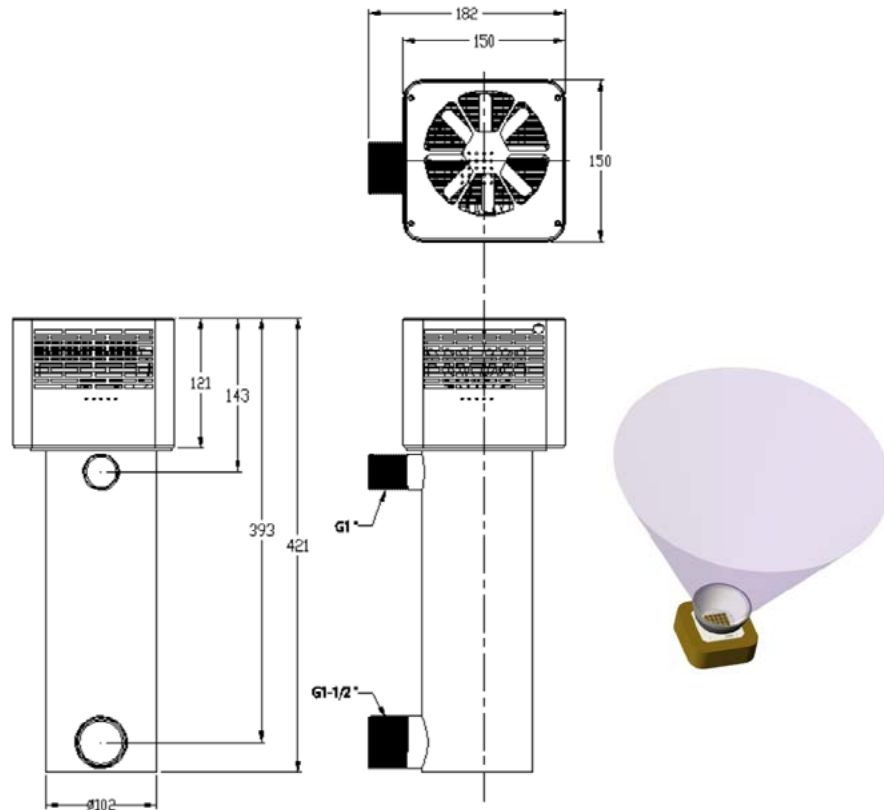
- 25 x Bolb S6060 265nm
- L70 min. 8000hrs
- Up to 38 – 60 L/min (10-15 GPM)
- Tested and certified against E. Coli
- 50W power consumption

265nm

Targeted applications:

- Single family homes
- Multi family homes
- Restaurants, shops
- Smaller hotels and shops
- Scalable

L70
8khrs



Water Point of Entry Proof of Concept

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

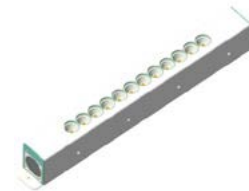
BOLB YOUR ONE STOP SHOP FOR UVC LED DISINFECTION



LEDs



Arrays



Modules