

## Water Point of Use Proof of Concept

### UVC-LED Water treatment for **Point of Use** applications

#### Main characteristics:

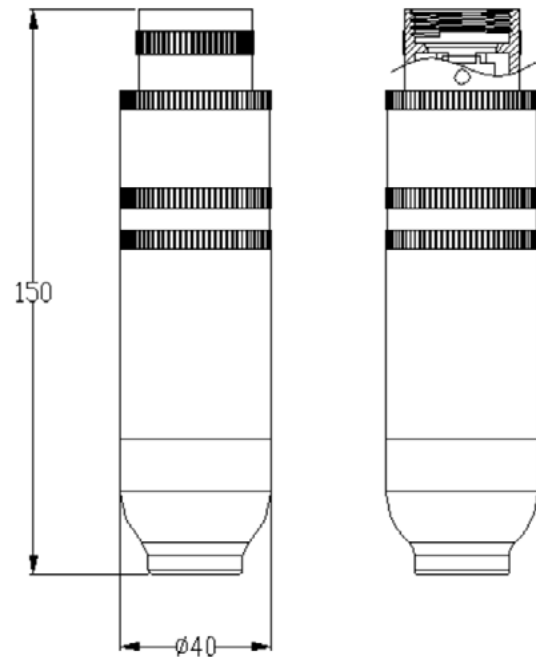
- 1 x Bolb S6060 265nm
- L70 8000hrs
- Up to 5 L/min
- Tested against E. Coli > Log 5

265nm

#### Targeted applications:

- Water faucets
- Water fountains
- Off-grid & remote installations
- Caravanning, camping & hiking

L70  
8khrs



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### Test report 1,5L/min:

Number of Sample	Client number	Test Bacteria	The velocity	Bacteria count on control sample (cfu/ ml)	Bacteria count on test sample (cfu/ ml)	Killing Rate (%)
XJ20180802-1	UVC large flow water disinfecter	<i>Escherichia coli</i>	1.5L/min (The central sampling)	1.38×10 <sup>6</sup>	<10	>99.999
				1.32×10 <sup>6</sup>	<10	>99.999
			1.5L/min (At the bottom of the sample)	1.38×10 <sup>6</sup>	<10	>99.999
				1.32×10 <sup>6</sup>	<10	>99.999
				1.38×10 <sup>6</sup>	<10	>99.999
				1.32×10 <sup>6</sup>	<10	>99.999

### Test report 5L/min:

Number of Sample	Client number	Test Bacteria	The velocity	Bacteria count on control sample (cfu/ ml)	Bacteria count on test sample (cfu/ ml)	Killing Rate (%)
XJ20180801-1	UVC large flow water disinfecter	<i>Escherichia coli</i>	5L/min	1.30×10 <sup>6</sup>	<10	>99.999
				1.27×10 <sup>6</sup>	<10	>99.999
				1.29×10 <sup>6</sup>	<10	>99.999

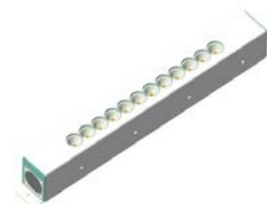
## BOLB YOUR ONE STOP SHOP FOR UVC LED DISINFECTION



**LEDs**



**Arrays**



**Modules**