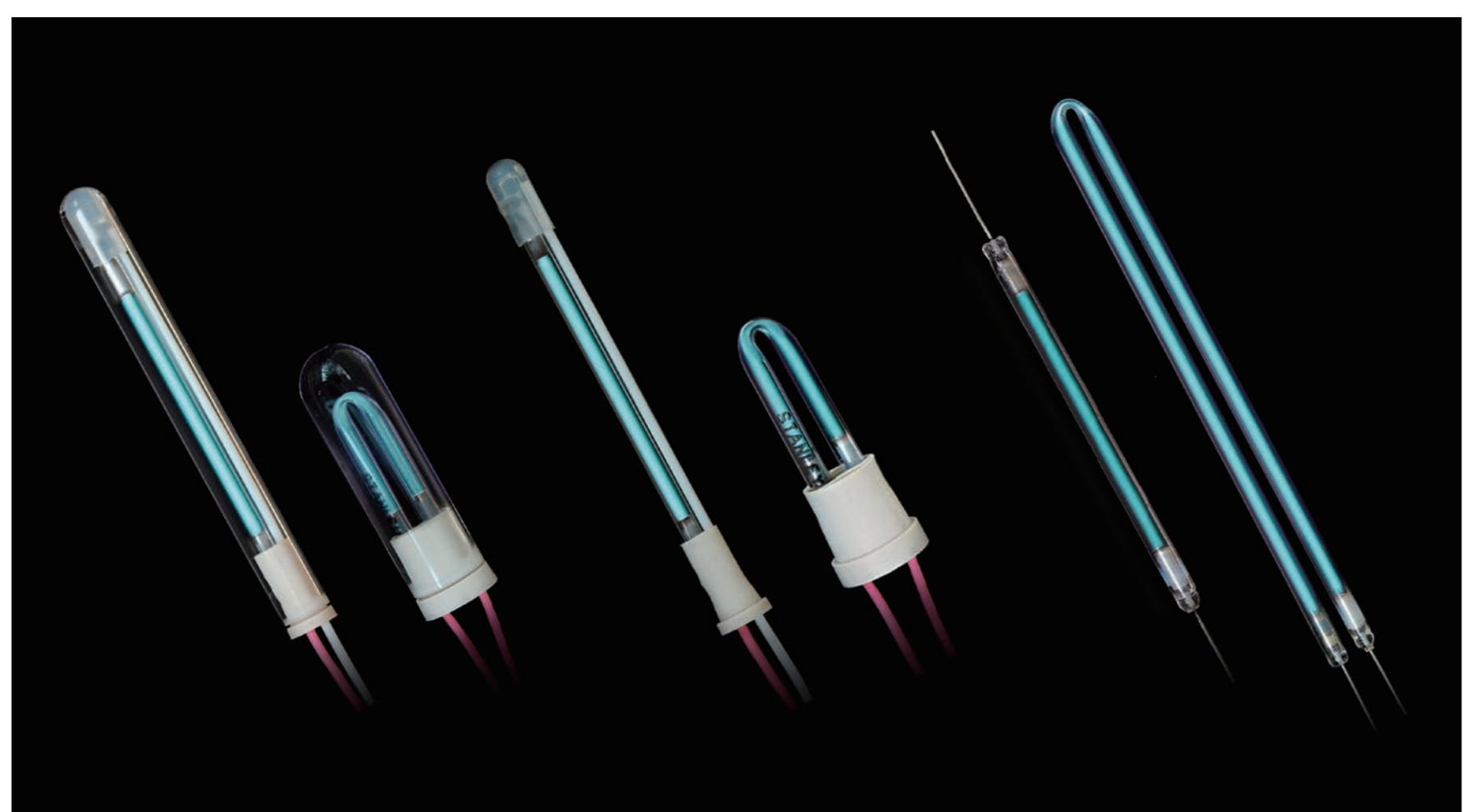


Water  
Disinfection

Already adopted in various scene.  
Provide healthy and rich daily life.



## Cold Cathode UV lamp

- Long lifetime 50000h.
- Compact size comparing with other Hot Cathode UV lamp (UV-HCL).
- High sterilization comparing with other Hot Cathode UV lamp (UV-HCL).
- Long lifetime even if ON/OFF lighting is repeated.

## Water Sterilization Reactor

- Reactor that has full-fledged sterilization function applicable up to 6L/min in a compact size.
- Realize high reliability with long lifetime, compact size and durability.

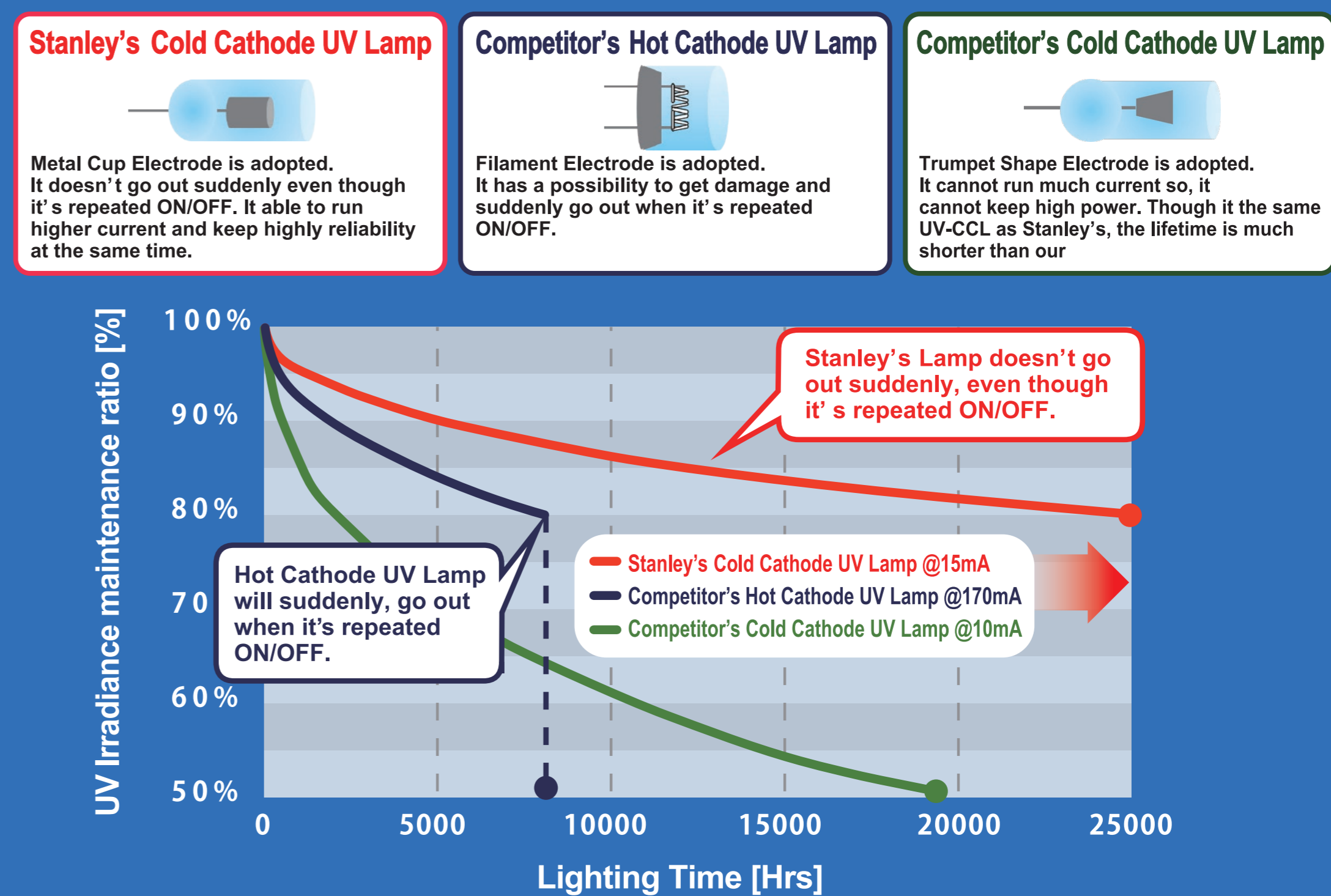


### Water sterilization reactor comparison

	Competitor (HCL) reactor	Stanley (CCL) reactor
Diameter	Φ 50mm	Φ 30mm
Length	275mm	150mm
Lifetime	8,000h	20,000h

Reactor that has full fledged sterilization function [E.Coli 99.9999% sterilization (6log)], even in a compact size which can contribute to a safe, secure, and comfortable life.

### UV irradiance maintenance ratio comparison (Continuous lighting Ta=25°C)



- Overwhelming long lifetime comparing with existing UV-HCL and UV-CCL.
- High UV irradiance maintenance ratio comparing with existing UV-HCL and UV-CCL.
- Even though it repeats ON/OFF lighting, the lifetime would be same as continuous lighting.

For Zhejiang Xingxing Bian jie Co.,Ltd.

#### Warm water washing toilet seat Disinfect water to clean private area

Our UV cold cathode lamp is installed to toilet to disinfect water to clean private area, and provide safe water. It prevents health injury by disinfecting water.

- General house hold, Hotel, Office, School, Hospital and restaurant etc.



For VIOMI Technology

#### Disinfect drinking water Water purifier + faucet

After filtering, disinfect bacteria and pathogen in water by our UV cold cathode lamp which installed to faucet. Our lamp can prevent rise water temp. and disinfect E.coli 99.9999% at 1.5L/min. By using this water purifier and faucet, it's able to drink safe water.

- General house hold



For SMARTMI Co.,Ltd.

#### Disinfect steam from humidifier

Before making steam by ultrasonic wave, bacteria and pathogen in water are disinfect by our UV cold cathode lamp. Water in ultrasonic humidifier has a risk to diffuse bacteria around the room because bacteria increase in tap water cleared chlorine

Choline in tap water decrease as time advances.

- General house hold, Hotel, Office, School Hospital and restaurant etc.

