



# NEW Lighting source module made by UV-LED supplier Be committed to much safe and secure lighting source for the next generation

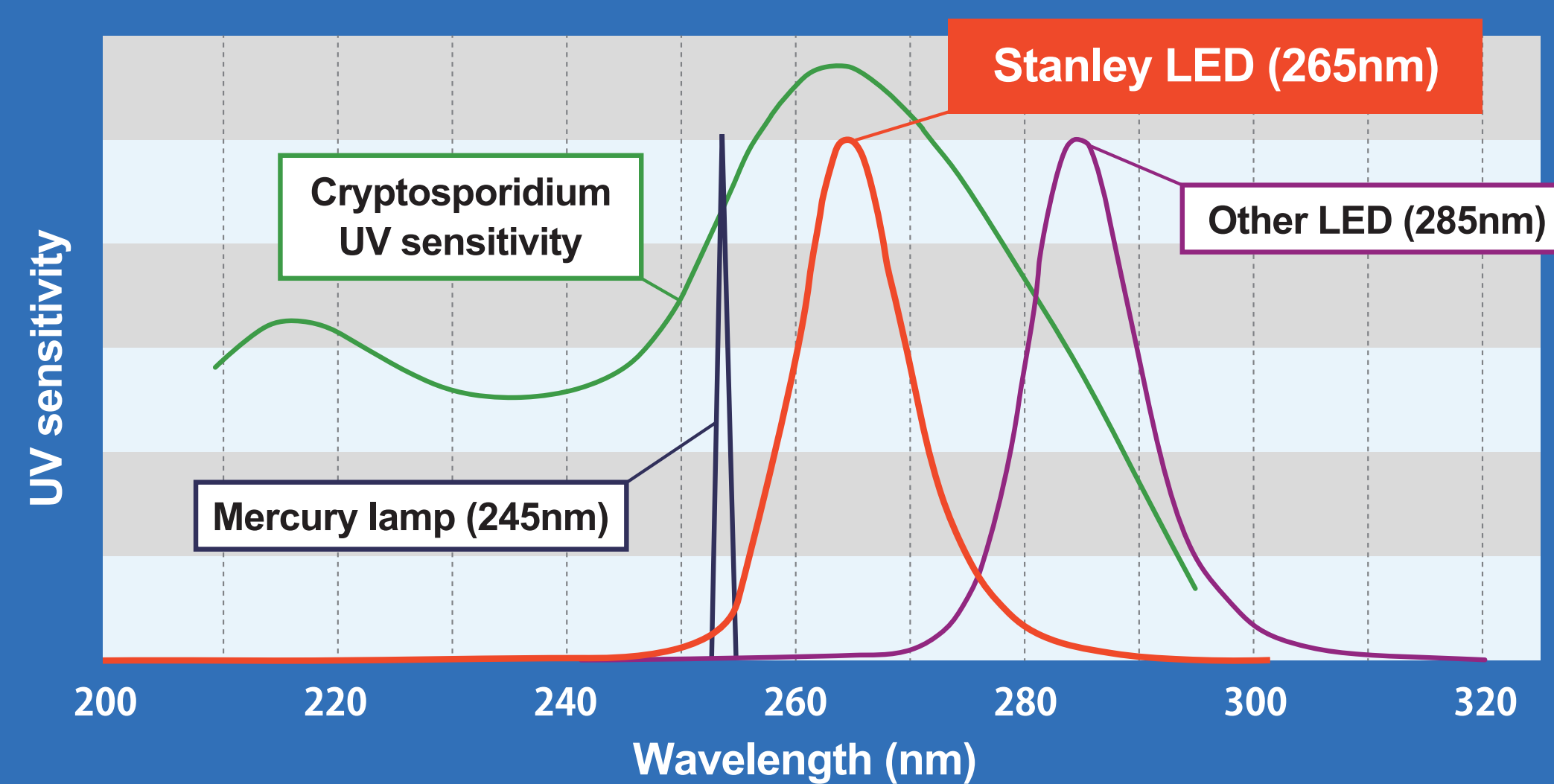
Under Development



## UV-LED Multi Lighting Source Module

- Well designed based on original UV-LED characteristics.
- Environmental friendly mercury free.
- Light distribution is well controlled by reflector.
- Flexible about water flow rate.
- Stronger for intermittent lighting than mercury lamp.
- No need to take stand by mode and instant drive.
- Using compact air/water cooling system.
- Because of multi lighting source, doesn't need to use big and thick quartz window which is strong for high water pressure.

### Emission spectra and UV sensitivity

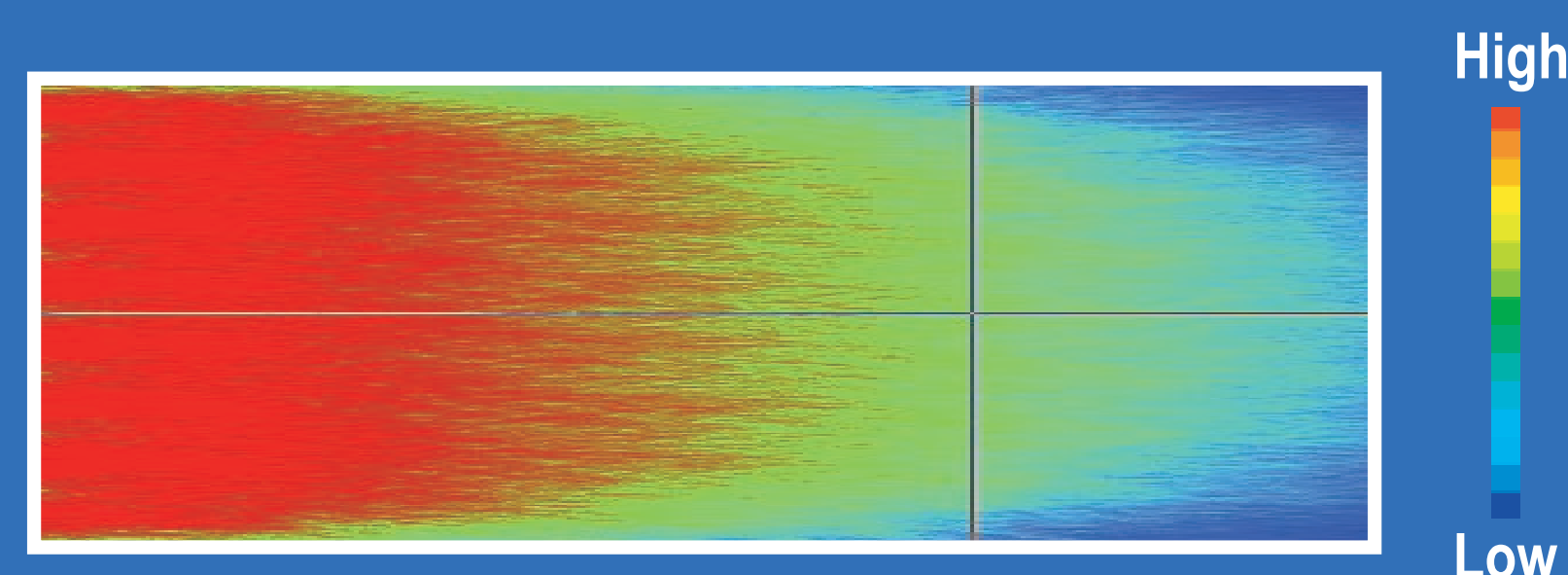


**265nm** is the most effective wave length to deactivate DNA of bacteria.

※Based on our test results

### Light distribution technology

Uniformed irradiation of Deep-UV light enable by light distribution technology



Except for the reflector, the light distribute is design so that the LED light does not hit the tube wall. (light intensity distribution)

### Product line up

LED pcs	7p	19p	37p	55p
LED placement				
Light source diameter	ca.Φ42mm	ca.Φ80mm	ca.Φ100mm	ca.Φ120mm
Reactor tube inside diameter	Φ47.8mm (2S)	Φ72.3mm (3S)	Φ85.1mm or Φ97.6mm (3.5S or 4S)	Φ108.3mm or Φ133.8mm (4.5S or 5S)
UV output	0.35W	0.95W	1.85W	2.5W
Flow rate	3-10L/min	12-40L/min	30-100/min	50-160/min
Estimated RED	16-40 ml/cm <sup>2</sup>			
Cooling method	Forced air cooling		Water cooling	

### Usage

