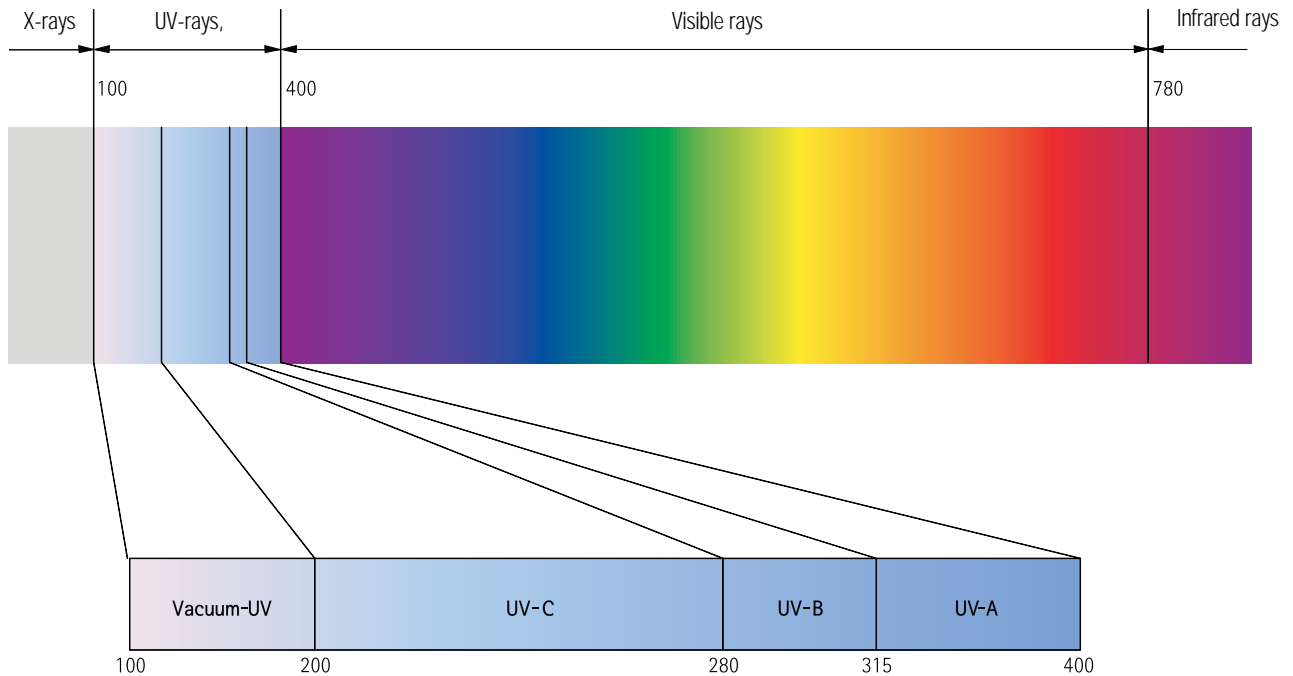

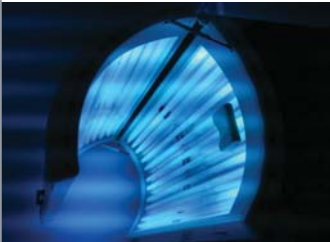



Description of UV LAMP



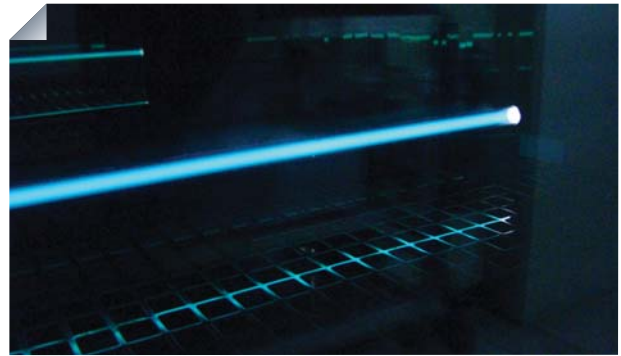
What is UV(Ultraviolet)?

- It refers to electromagnetic waves that are just shorter than those of violet light in the spectrum and that cannot be seen.
- Based on the wavelength, divided into long-wavelength (UV-A), medium-wavelength (UV-B), and short-wavelength (UV-C) type
- UV-rays generated by the sun may mostly be shut off by the ozone layer surrounding the earth, whereas some part of the long or medium-wavelength UV-rays can penetrate through the atmosphere to reach the earth surface.
- Since UV-rays have shorter wavelength and stronger energy than visible rays, they can raise various types of chemical and sterilizing

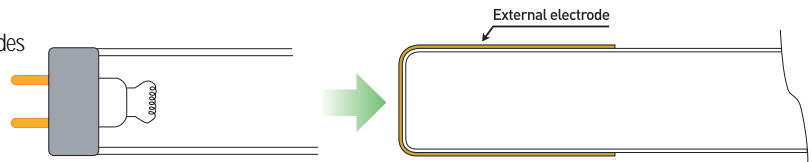
Types	UV-A	UV-B	UV-C
Wavelength(nm)	315~400 For use in the textile industry, distinguishing counterfeits, special lighting, etc.	280~315 For cosmetic sun-tan, treatment of a skin disease and other medical uses	200~280 For sterilizing air, water, etc.
Purpose of use	 Counterfeit detectors	 Sun-tan systems	 Cup sterilizers

UV LAMP

The ultra long lifespan UV lamps for sterilization

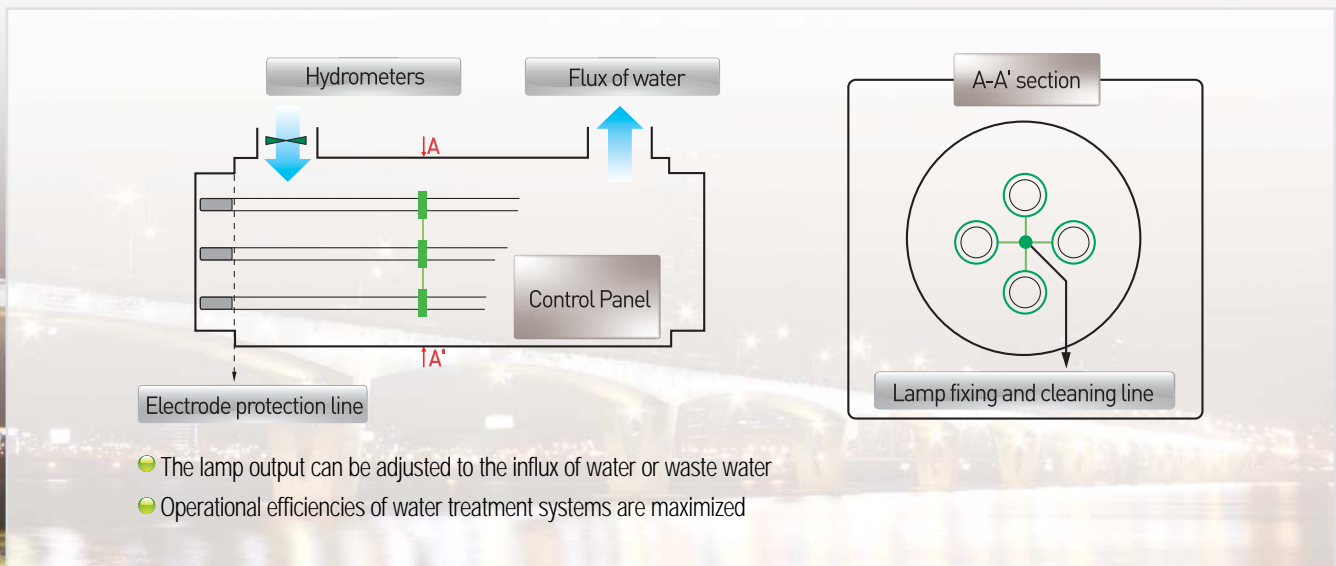


- No deterioration of life from degradation on the part of electrodes
- Life cycle 4 times longer than other UV lamps
- Applications: For treatment of water and waste water, water purifiers, cup sterilizers, etc.



Type	Diameter (mm)	Length (mm)	Power (W)	Output Power (W)	Lifetime (Hr)
EDU100CC100S	15	1,000	100	30	30,000

Water treatment unit



- The lamp output can be adjusted to the influx of water or waste water
- Operational efficiencies of water treatment systems are maximized

Division	Power(W)	Capacity(ton/day)	Dimming
Unit	100	200	20 ~ 100%