



High efficiency | Wide range of power | Compact size

Safe 222™ 222nm EXCIMER LAMP

Unilam is proud to introduce the Safe 222™ series, a new line of far UV-C excimer lamps for microbial reduction. For Many years of experience, Unilam can provide you OEM based lamp designs for the customers.

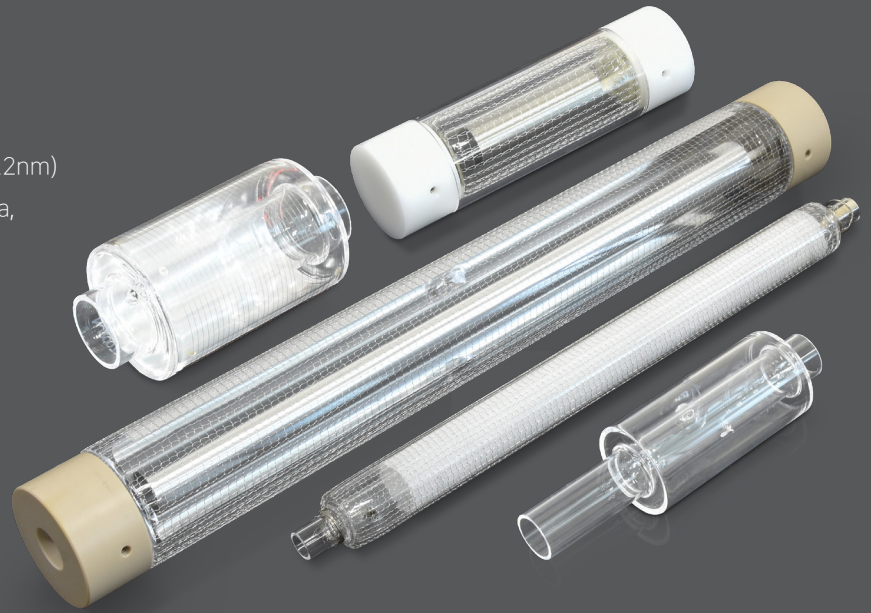
www.unilam.co.kr E-mail : sales@unilam.co.kr

FEATURES & BENEFITS

- Mercury Free
- Environmental Friendly
- Effective Germicidal Wavelength (Peak at 222nm)
- More Effective Reduction of Viruses, Bacteria, and Spores than 254nm
- Wide Operating Temperature (Not affected by ambient temperature)
- Instant On/Off at Full Output Power
- Various Product Lineup (12~40W, 100W, 240W and more)

APPLICATION

- Air / Surface / Water Disinfection

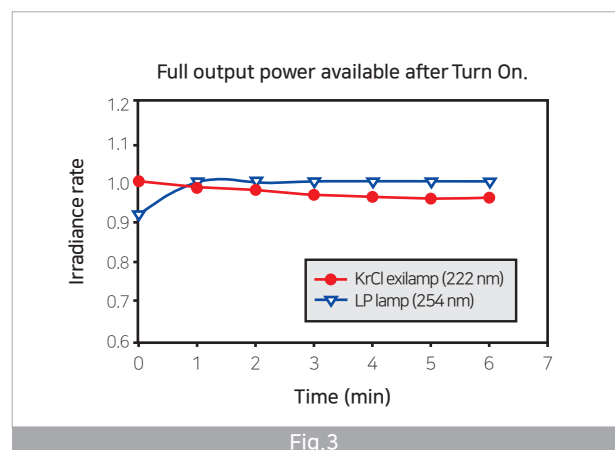
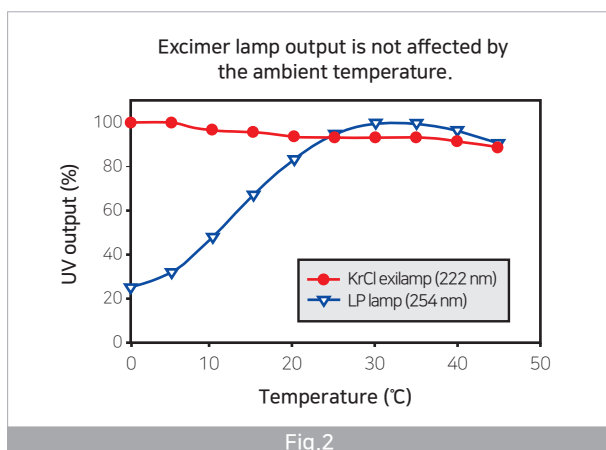
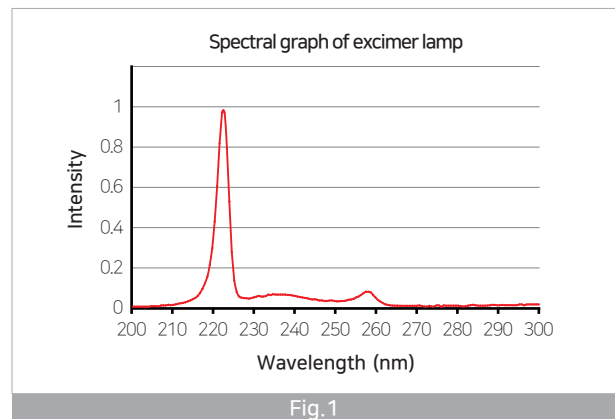


Safe 222™, UNILAM EXCIMER LAMP SERIES

It is well-known that the radiant power of general mercury lamps (Low pressure mercury lamp) is very sensitive to ambient thermal changes.

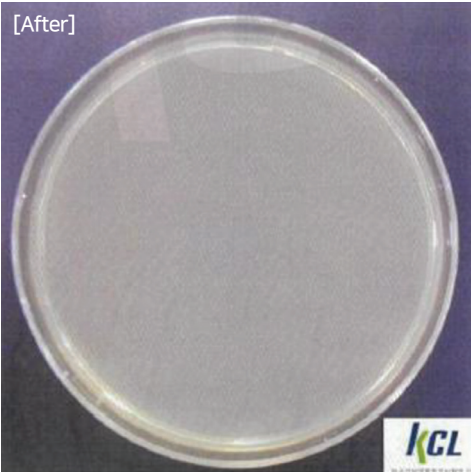
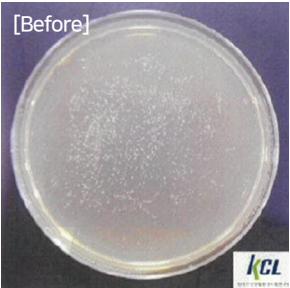
Fig.2 shows the temperature stability of a Unilam Safe 222™ excimer lamp compared to that of a low pressure mercury Lamp (LP lamp)

Unilam Safe 222™ Excimer lamp needs no warm-up time and radiant power was maintained within a range of 96% to 100%, while conventional germicidal UVC lamp needs enough time to reach maximum irradiance.





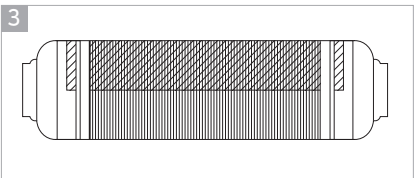
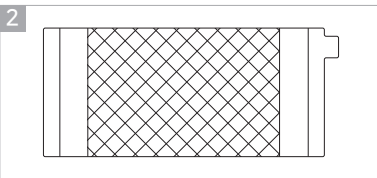
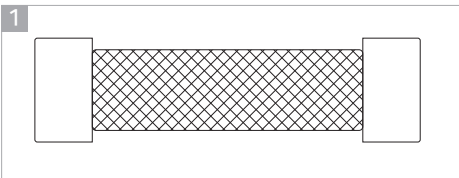
DISINFECTION EFFICACY



*Data verified by in-house testing.

LAMP SPECIFICATION

Mode	Wattage (VA)	Arc Length (mm)	Total Length (mm)	Diameter (mm)	Fig. Type No.
EX 100R02-222/L	20	100	158	43	3
EX 45S09-222/T	40(Max)	45	107	30	2
EX 80S10-222	80	80	134	28	1
EX 150S07-222	100	150	210	32	1
EX 85S20-222	170	85	122	36	2
EX 240R10-222	350	240	300	36	1
EX 240S10-222	350(Max)	240	300	36	1



Warning

- Do not touch bulb with bare hands.
- When handling the module, be sure to wear protective gloves.
- Never touch the module when it is on, or soon after it has been turned off, as it is hot and may cause burns.
- When you operate lamp, please follow detailed safety instructions provided by Unilam.
- FDA disclaimer – Food and drug administration statement. This is not evaluated by the U.S Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.