

UV EXCIMER & XEFL LAMPS

Mercury Free VUV & UVC

Designed by experienced engineers, USHIO's 172nm Excimer lamps and 230nm XeFl lamps boast quality materials with a tightly controlled manufacturing process for lamps, free of impurities that maintain a strong and stable output throughout the life of the lamp. These lamps are engineered with TOC monitoring and germicidal applications in mind and are custom built with available customizable power supplies. With options to have the power, length and diameter of the lamp modified to fit present equipment or designed to fit new equipment. Other wavelengths are available by design for the XeFl lamps allowing the end user to pick a wavelength that is most efficient for their applications.

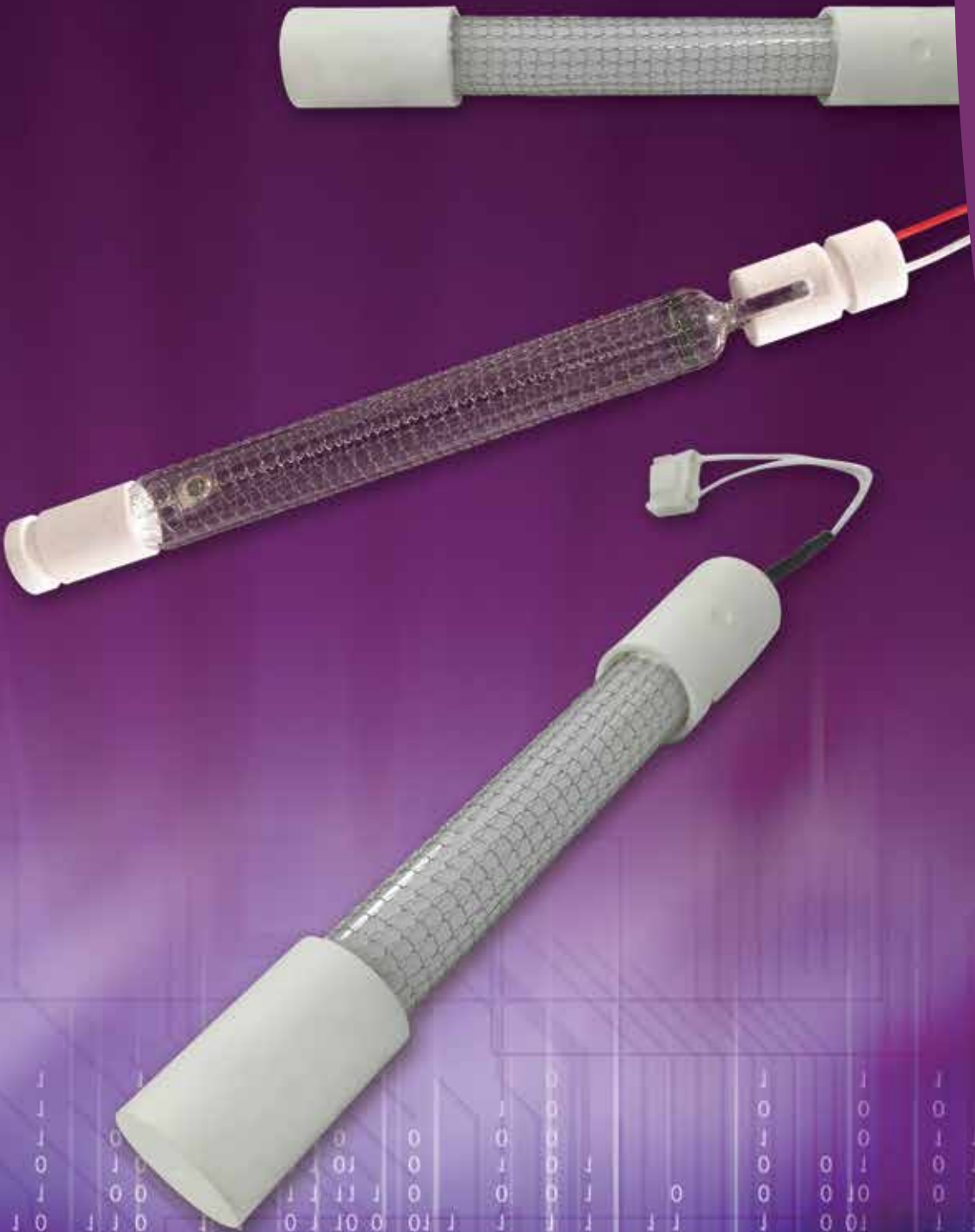


**Excimer
Special Clear Quartz**



**XeFl
Phosphor Coated**

UV EXCIMER & XeFI LAMPS



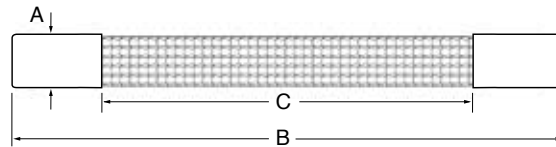
172NM EXCIMER LAMPS

EXCIMER

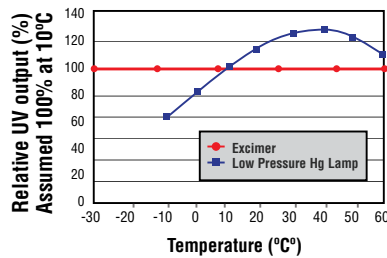
- Mercury Free
- Extremely Energetic Photon Forming Hydroxyl Radicals
- Flexible Design Capability for Custom Lamp Development
- Instant On/Off



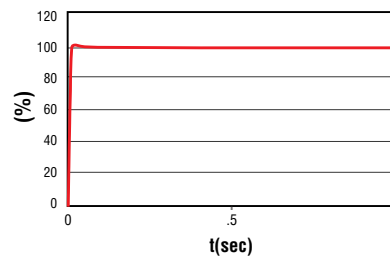
Watts (W)	Lamp Description	Wavelength (nm)	Volts (V)	Lamp Current (A)	Dimensions			Power Supply Dimensions		
					Dia (A) (mm)	MOL (B) (mm)	LCL (C) (mm)	Length (mm)	Width (mm)	Height (mm)
9	UXFL-UST10L70-01A	172	15	—	10	80	70	—	—	—
16	UXFL-UST16L100-01A	172	24	—	16	135	100	—	—	—
25	UXFL-UST16L160-01A	172	24	—	16	195	160	—	—	—
Power Supply										
12	PXZ100E3-A	—	14.6	0.6	—	—	—	108	38	27.6 max.
25	PXZ380J7-A	—	24	0.7	—	—	—	135	40	29.5 max.



Excimer is not affected by the ambient temperature.



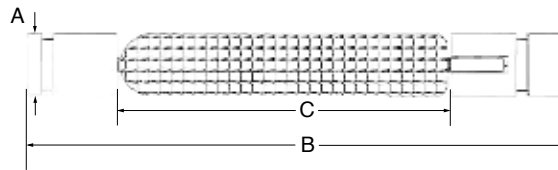
Takes effect as soon as the power is turned on. Can be used only when desired.



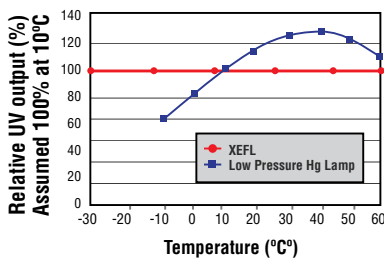
XEFL

- Effective Germicidal UV Wavelength
- Mercury Free
- Instant ON/OFF
- Compact Size
- Easy to Install
- Functions in Hot or Cold Temperatures

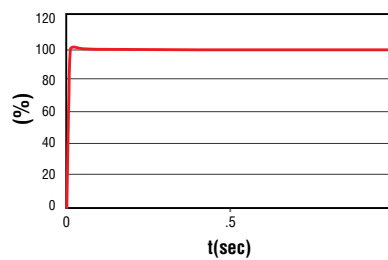
Watts (W)	Lamp Description	Wavelength (nm)	Volts (V)	Lamp Current (A)	Dimensions			Power Supply Dimensions		
					Dia (A) (mm)	MOL (B) (mm)	LCL (C) (mm)	Length (mm)	Width (mm)	Height (mm)
9	UXFL-UST10L70-13A	230	15	—	10	80	70	—	—	—
Power Supply										
12	PXZ100E3-A	—	14.6	0.6	—	—	—	108	38	27.6 max.



XeFl is not affected by the ambient temperature.



Takes effect as soon as the power is turned on. Can be used only when desired.



Two wavelength types available. Selectable to suit organism. Sterilizing capability equivalent to or better than conventional low-pressure mercury lamps.

