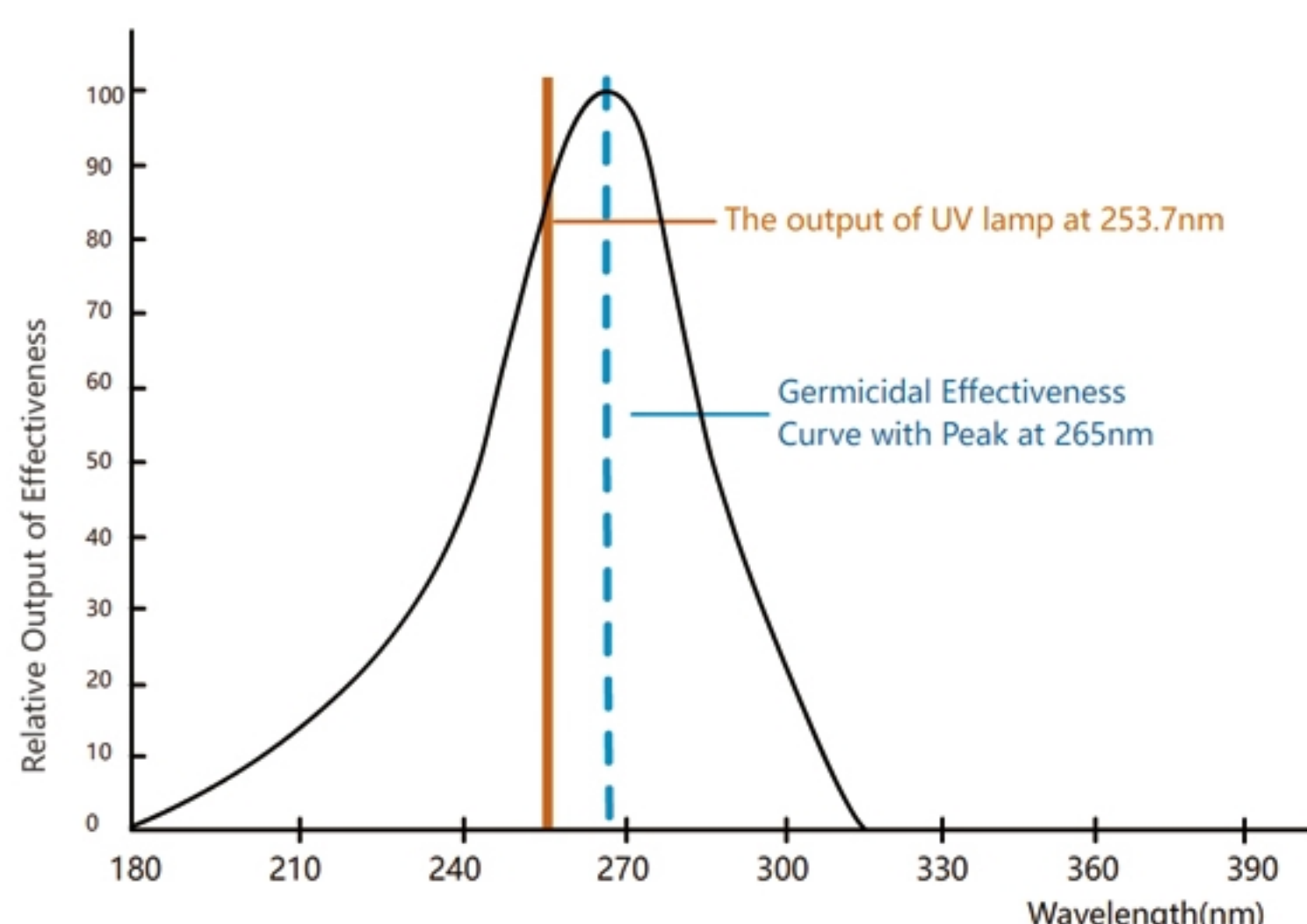


UV Germicidal Lamps

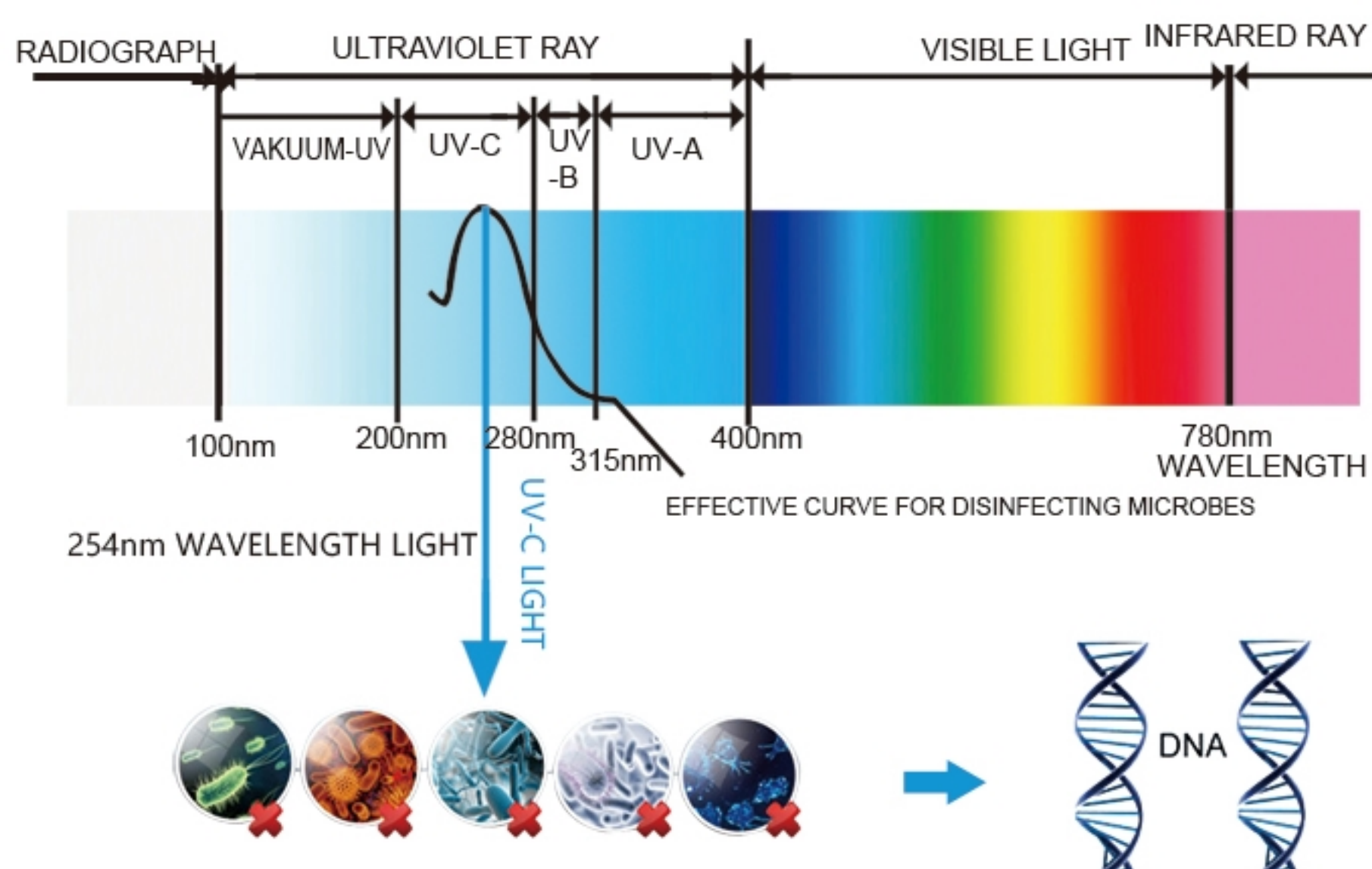
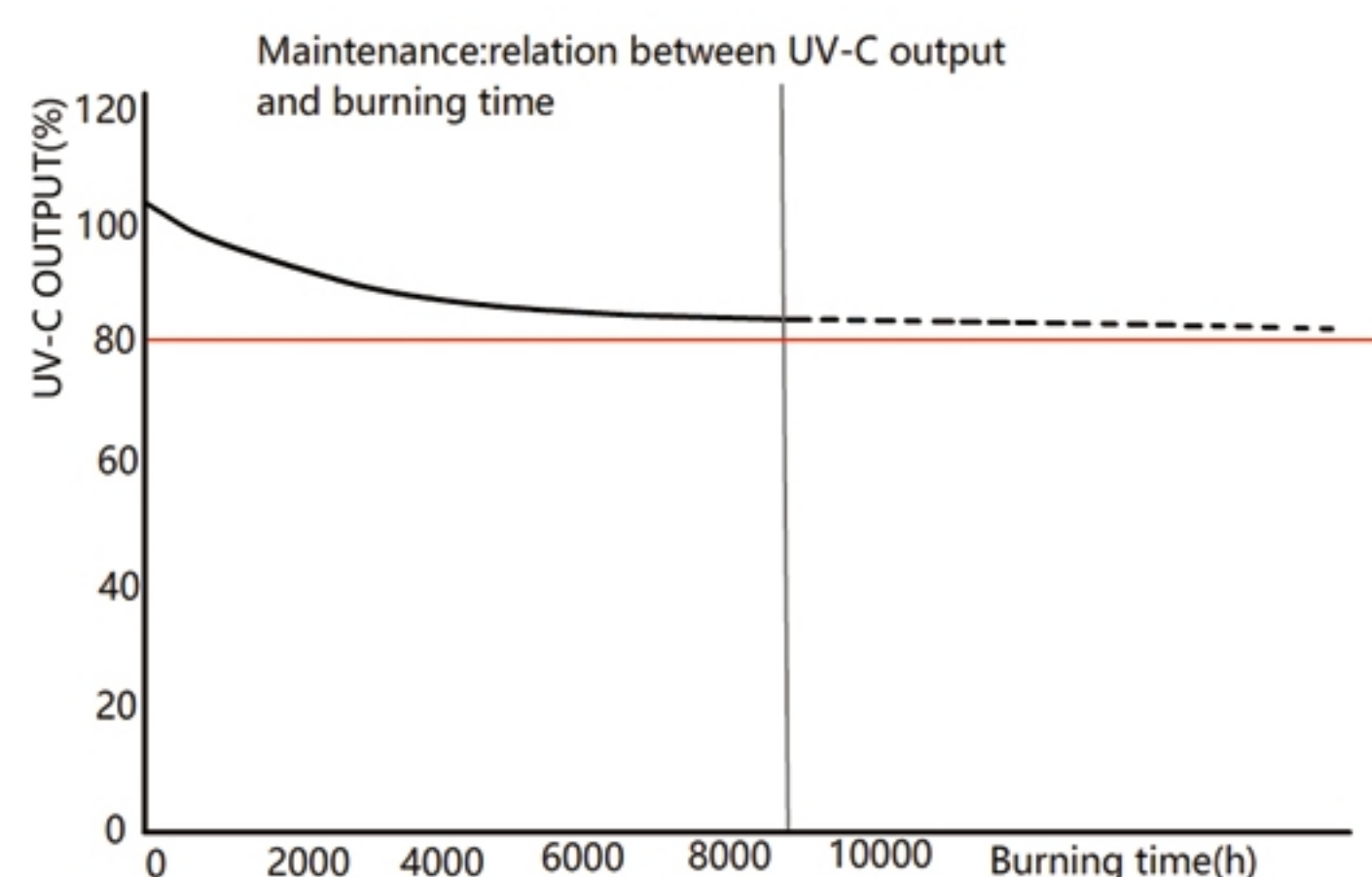
The wavelength of visible light is from 400nm to 780nm. The wavelength of UV (100nm- 400nm) is shorter than visible light. Its spectrum can be divided into three wave bands : UV-A (315nm-400nm), UV-B (280nm-315nm), UV-C (100nm-280nm).



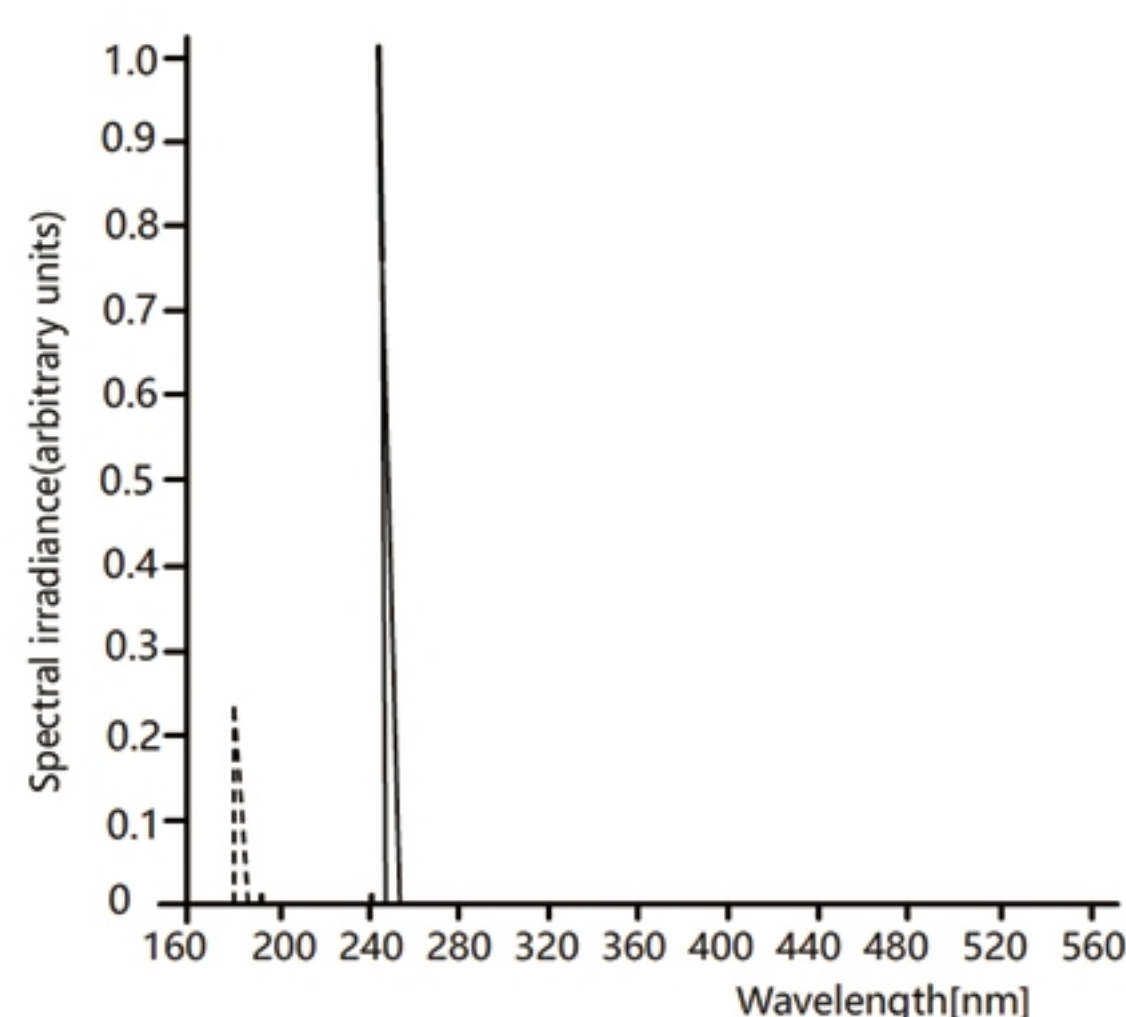
We can produce ozone and ozone free Germicidal Lamp according to customer's requirement.

Ozone Free Germicidal Lamp: mainly radiate the UV ray at 253.7nm which can kill bacteria.

Ozone Germicidal Lamp: mainly radiate UV ray at 253.7nm and 185nm. The UV ray at 185nm can produce ozone by ionizing air. Ozone is a strong oxidizer with the ability of disinfection and deodorization. It can resolve organic substance, lower the contents of organic carbon (TOC) in water, and it is used to produce ultrapure water in semiconductor and electronic industry.



The UV-C is also called germicidal UV which can destroy the DNA of bacteria, virus and other microorganism and their reproductive ability. UV-C ray can kill most of virus and other microorganism in the air and water. Particularly UV ray can kill some virus which are difficult to be killed by normal chemical methods such as chlorination, etc.



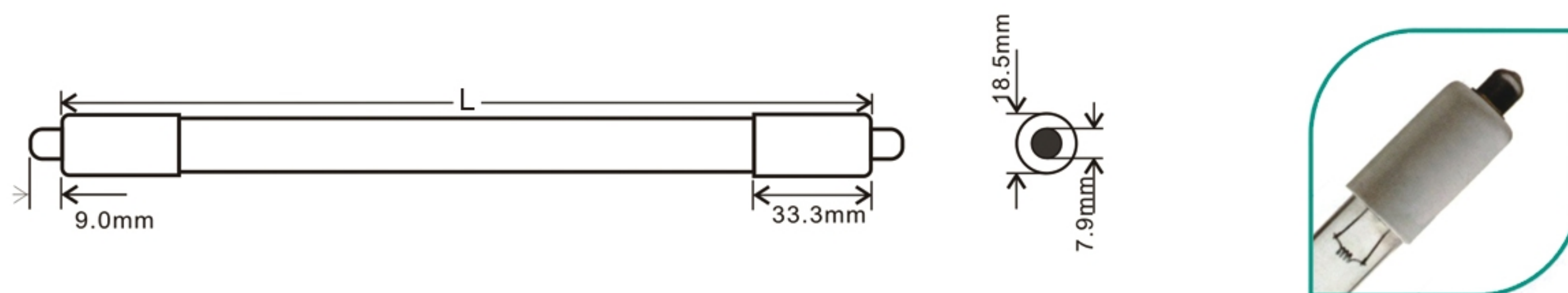
Advantage of our UV products:

- * Long working life
Working life of our products can reach over 10000 hours.
- * Strong UV output
We use high purity and high transmittance quartz glass and advanced production process to make UV output more than 10% higher than average products.
- * Low UV light attenuation
UV light attenuation of our lamp is as low as 10-15%.
- * Excellent cost efficiency



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UV Germicidal Lamps (Double Ends ,Single Pin)



Type	Tube Diameter	Length	Power	Current	Voltage at		UV Output at		Life
	mm	mm	W	mA	50/60Hz	High Freq	254nm		
					V	V	uw/cm ²	W	h
G10T5L	15	357	17	425	51	42	57	5.7	10000
G36T5L	15	843	40	425	120	98	130	15	10000
G48T5L	15	1148	55	425	165	135	170	20	10000
G64T5L	15	1554	75	425	220	179	220	30	10000
G67T5L	15	1630	79	425	231	189	255	32	10000

The advantage of Ultraviolet disinfection:

High efficiency sterilizing rate up to 99.9% within 1 to several seconds.

Environmental protection, harmless to human body.

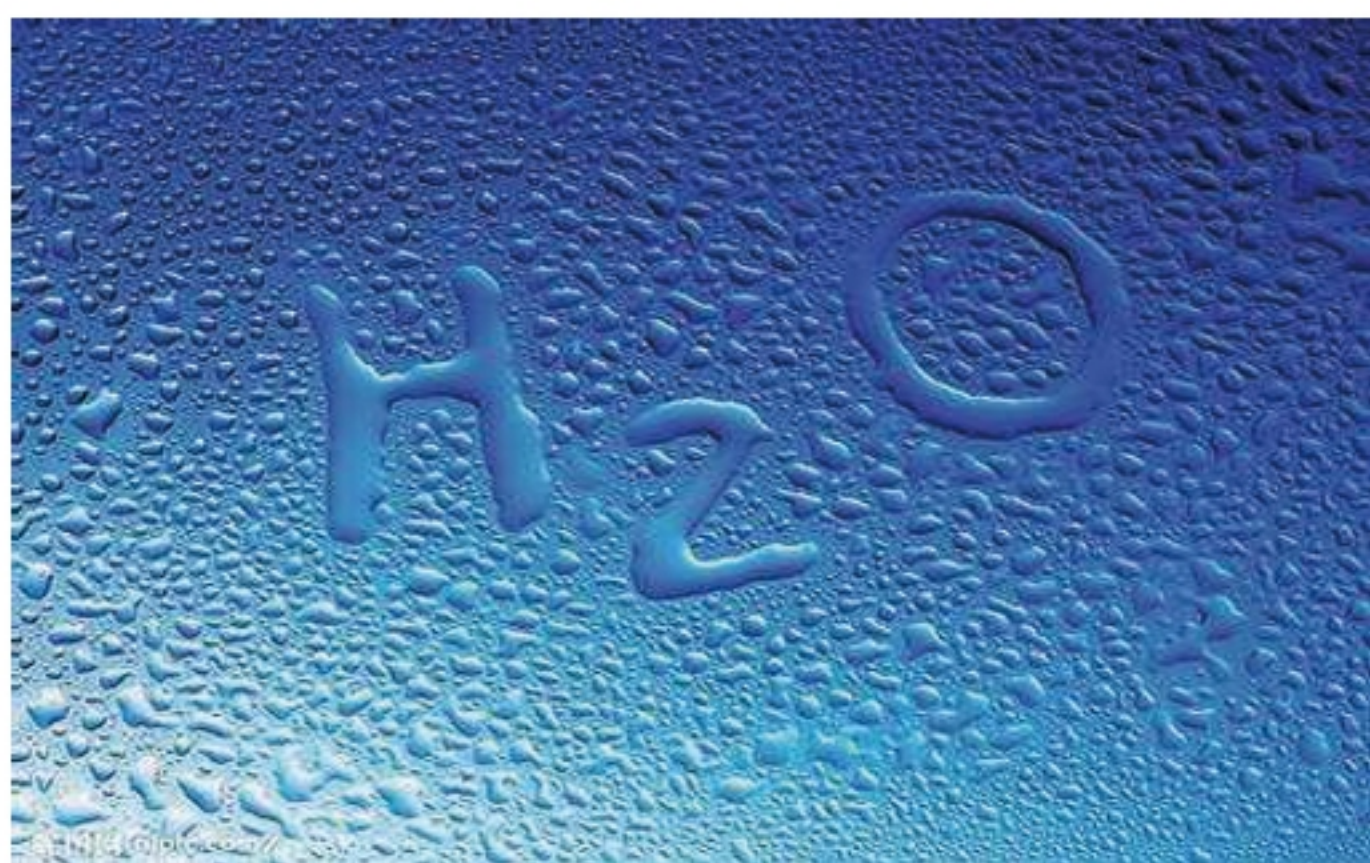
Easy and safe maintaining, low cost.

Extensive disinfection, kill special virus which could not be killed by other sterilize method.

Substantial continuous disinfection.

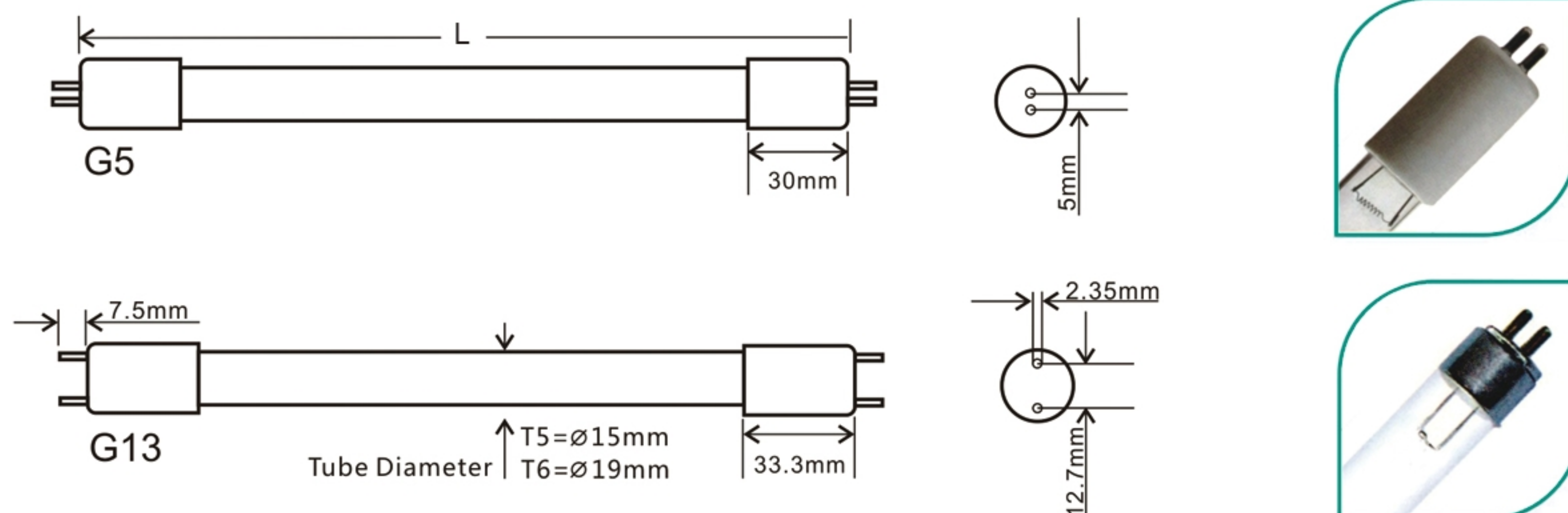
Application

Aquarium disinfection, Pool water disinfection, Air treatment, Drinking water disinfection, Purifier, Medical



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UV Germicidal Lamps (Double Ends ,Double Pins)



Type	Length	Power	Current	Voltage at		UV Output at		Base	Life
				50/60Hz	High Freq	254nm			
	mm	W	mA	V	V	uw/cm ²	W		h
UVC 4W	135	4	170	28	23	9	0.9	G5	9000
UVC 6W	212	6	160	42	34	16	1.6	G5	10000
UVC 8W	288	8	150	56	45	21	2.1	G5	10000
UVC 11W	212	11	330	49	40	22	2.2	G5	10000
UVC 16W	288	16	350	54	44	36	3.6	G5	10000
UVC 10W	331	10	230	46	36	23	2.3	G13	10000
UVC 15W	437	15	340	51	44	47	4.7	G13	10000
UVC 20W	589	20	360	60	50	65	6.2	G13	10000
UVC 25W	437	25	600	43	41	70	7	G13	10000
UVC 30W	894	30	370	100	80	100	11.2	G13	10000
UVC 36W	1199	36	440	103	87	145	15.5	G13	10000
UVC 55W	894	55	780	87	70	160	17	G13	10000
UVC 75W	1199	75	850	110	85	220	26	G13	10000

Different diameter (T5, T6, T8) for choosing. Ceramic base and aluminum base for choosing.

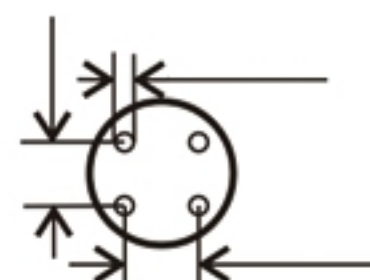
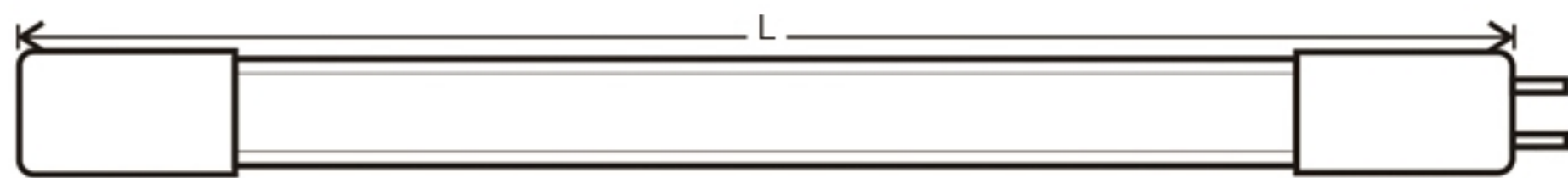
Application

Aquarium disinfection, Pool water disinfection, Air treatment, Drinking water disinfection, Purifier, Medical



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High Output UV Germicidal Lamps



The UV output is 40%-60% more than other same size UV lamps.

Energy saving and reduce the capacity of the product and quantity of the lamp.

Suitable for low temperature such as water cooling and air conditioner environment. Low temperature will not affect the UV output. On the contrary, UV output will be stronger in low temperature environment.

Type	Tube	Length	Power	Current	Voltage at		UV Output at		Life
	Diameter				50/60Hz	High Freq	254nm		
	mm	mm	W	mA	V	V	uw/cm ²	W	h
T5 High Output									
GPH212T5L/HO	15	212	18	800	23	19	50	5.0	10000
GPH287T5L/HO	15	287	27	800	34	24	75	7.5	10000
GPH357T5L/HO	15	357	32	800	40	30	95	10	10000
GPH436T5L/HO	15	436	48	800	70	60	120	13	10000
GPH793T5L/HO	15	793	72	800	90	76	210	24	10000
GPH846T5L/HO	15	843	80	800	127	113	260	28	10000
GPH893T5L/HO	15	893	90	800	135	120	270	30	10000
GPH1554T5L/HO	15	1554	150	800	220	195	400	45	10000
T6 High Output									
GPS846T6L/HO	19	846	80	1000	130	115	280	30	10000
GPS1148T6L/HO	19	1148	120	1000	185	170	340	38	10000
GPS1554T6L/HO	19	1554	150	1000	230	200	400	45	10000

Working with electronic ballast.

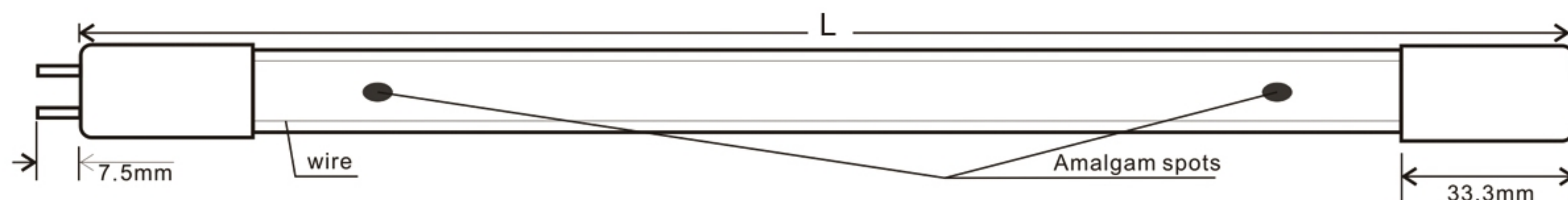
Application

Small scale municipal sewage treatment, Swimming pool water disinfection, Air purifying system, Drinking water disinfection, Air conditioner pipe disinfection, Aquarium



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Amalgam Germicidal Lamps



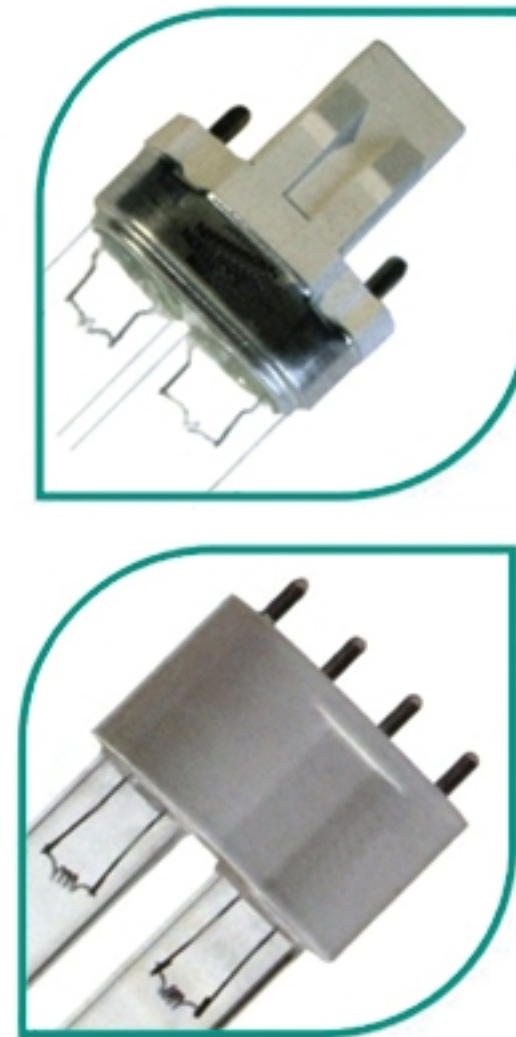
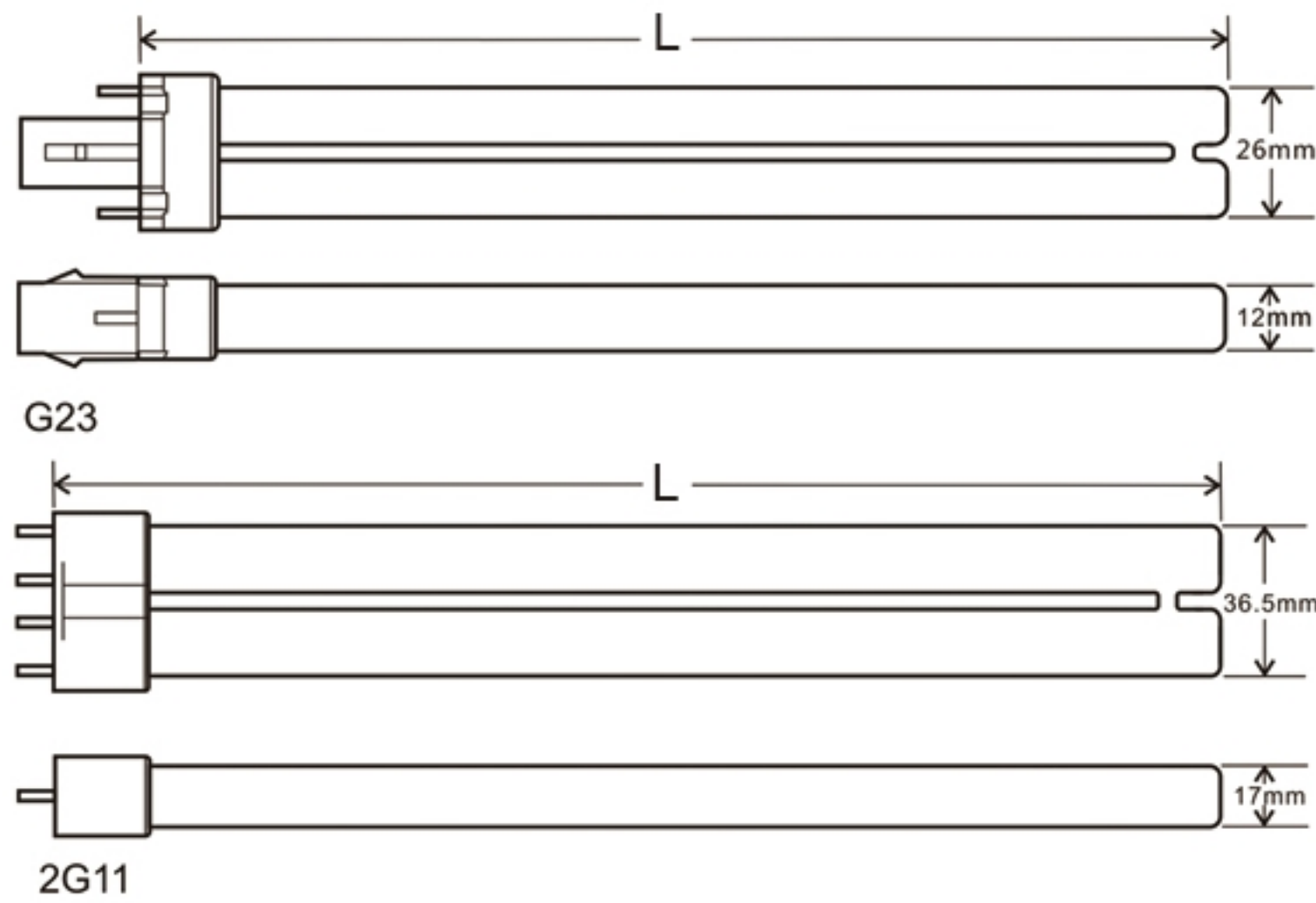
Type	Tube Diameter	Length	Power	Current	Voltage at	UV Output at 254nm		Life
	mm	mm	W	mA	V	uw/cm ²	W	h
T5 Dia								
GPHA357T5L	15	357	42	1.2	36	110	11	13000
GPHA843T5L	15	843	105	1.2	88	320	35	13000
GPHA1000T5L	15	1000	127	1.2	107	370	42	13000
GPHA1554T5L	15	1554	190	1.2	164	500	68	13000
T6 Dia								
GPHA357T6L	19	357	57	1.8	32	130	13	13000
GPHA843T6L	19	843	130	1.8	71	400	43	13000
GPHA1000T6L	19	1000	150	1.8	84	460	52	13000
GPHA1554T6L	19	1554	240	1.8	134	600	84	13000
GPHHA357T6L	19	357	65	2.1	32	140	12	13000
GPHHA843T6L	19	843	172	2.1	82	490	54	13000
GPHHA1000T6L	19	1000	207	2.1	99	570	65	13000
GPHHA1554T6L	19	1554	320	2.1	154	750	105	13000
T6 Dia								
GPHHA1510T8L	25	1510	250	3.1	83	650	90	13000
T10 Dia								
GXA1500T10L	32	1500	270	3.8	75	650	93	13000
GPHHA1310T10L	32	1500	400	5	82	1050	130	13000
GPHHA1554T10L	32	1500	470	5	95	1160	157	13000
GPHHA1554T10L	32	1500	500	5.5	90	1300	165	13000

Application

Drinking water system, Municipal sewage treatment, Swimming pool, Air conditioner pipe, Kitchen lampblack purifying system, Ultrapure water degradation TOC system, Aquarium breeding



UV Germicidal Lamps (H-shaped)



Type	Tube Diameter	Length	Power	Current	Voltage at	UV Output at 254nm		Base	Life
	mm	mm	W	mA	V	uw/cm ²	W		h
CUH5L	12	85	5	180	34	12	1.1	G23/2G7	9000
CUH7L	12	115	7	175	47	20	1.5	G23/2G7	10000
CUH9L	12	145	9	170	60	23	2.4	G23/2G7	10000
CUH11L	12	214	11	160	89	33	3.6	G23/2G7	10000
CUH13L	12	165	13	290	60	31	3.4	GX23/2GX7	10000
CUH18L	17	217	18	370	60	60	5.8	2G11	10000
CUH24L	17	317	24	350	87	90	7	2G11	10000
CUH35L*	17	217	35	850	40	105	11	2G11	10000
CUH36L	17	410	36	440	105	120	12	2G11	10000
CUH55L*	17	530	55	540	103	170	18	2G11	10000
CUH60L*	17	410	60	670	118	170	18	2G11	10000
CUH95L*	17	530	95	950	100	305	33	2G11	10000

The type with indication "*"need to use electronic ballast

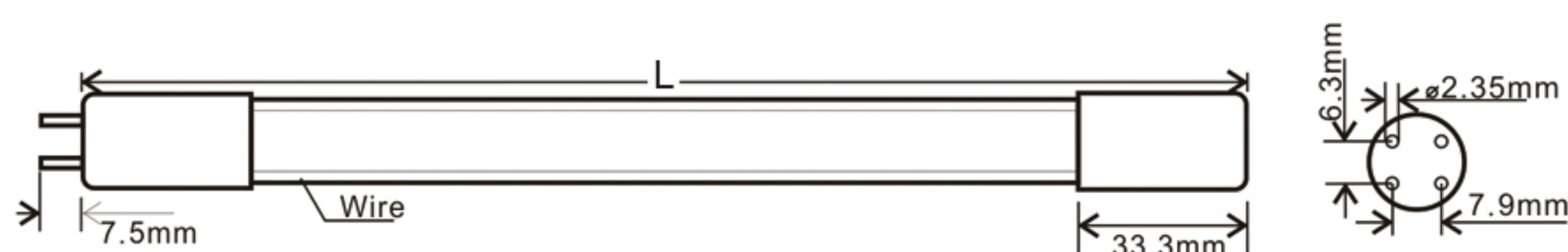
Application

Aquarium disinfection.,Pool disinfection, Air treatment and disinfection, Drinking water disinfection, Purifier



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UV Germicidal Lamps (Single End ,4-Pins)



Type	Tube	Length	Power	Current	Voltage at		UV Output at		Life
	Diameter				50/60Hz	High Freq	254nm		
	mm	mm	W	mA	V	V	uw/cm ²	W	h
GPH118T5L	15	118	6	425	25	21	13	1.4	10000
GPH150T5L	15	150	8	425	27	22	20	1.7	10000
GPH212T5L	15	212	10	425	30	25	26	2.7	10000
GPH287T5L	15	287	14	425	41	34	40	4	10000
GPH303T5L	15	303	15	425	43	35	43	4.3	10000
GPH357T5L	15	357	17	425	51	42	57	5.7	10000
GPH436T5L	15	436	21	425	62	51	72	7.3	10000
GPH550T5L	15	550	28	425	69	60	85	8.5	10000
GPH793T5L	15	793	37	425	112	92	120	13	10000
GPH843T5L	15	843	40	425	120	98	135	15	10000
GPH1148T5L	15	1148	55	425	165	135	170	20	10000
GPH1554T5L	15	1554	75	425	220	179	220	30	10000
GPH1630T5L	15	1630	79	425	231	189	228	32	10000

Working with electronic ballast.

Application

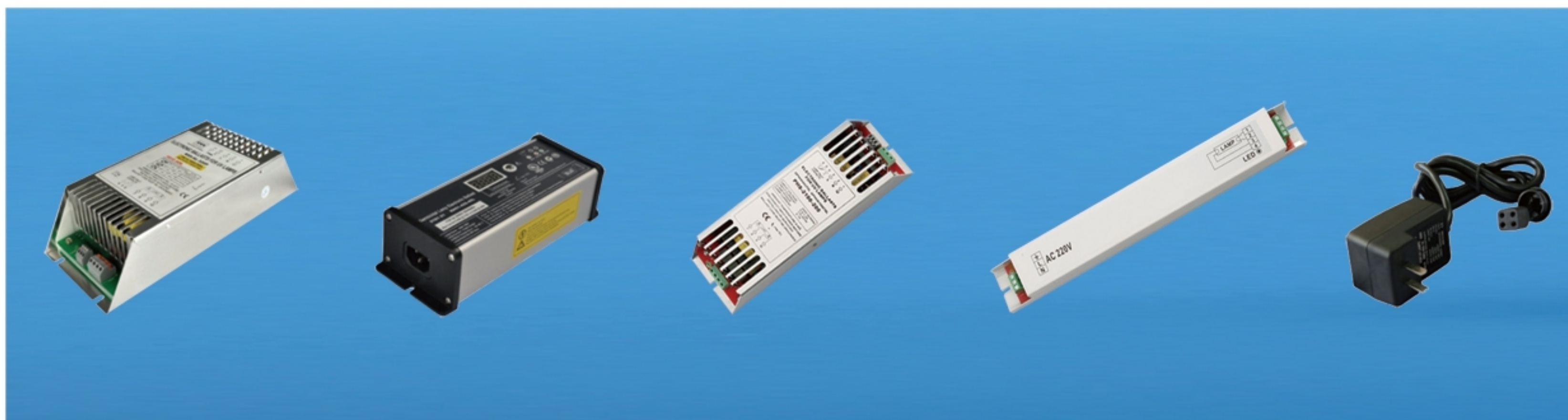
Swimming pool water treatment, Industry water treatment, Air treatment, Drinking water treatment, Pipes of air conditioner disinfection, Breeding



Spare Parts

Electronic Ballasts

Preheat start, Good for prolonging the lamp's life. Strong impetus make the UV output stronger. Warning function by special voice and light. We can increase the self-regulation function of UV output control.



Spare Parts

* 2G11/G23 Base

* Teflon O-ring

* Lamp connector

* UV monitor

* Shockproof silica gel gasket

* Lamp clamp



Products naming rules

4P=4-Pins

SE=Single End

DE=Double Ends

SP=Single Pin

L=Ozone free

VH=Ozone

GPH=Germicidal Pre Heat

GPHA=Germicidal Pre Heat Horizontal Amalgam

GPHHA=Germicidal Pre Heat Horizontal High Output Amalgam



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