

Product Description

Amalgam Lamps

The amalgam lamp is CE and RoHS approved, and it mainly includes spot amalgam type and pellet amalgam type with power range of 30W-800W. These products are fabricated from high quality raw materials and through leading-edge manufacturing techniques, and they are highly appreciated by worldwide customers due to their superior quality and short delivery time.

Advantage

1. High Efficiency

This low pressure UV lamp gives out UV light with peak wavelength of 253.7nm which is inside the germicidal action spectrum. So, it is more efficient for germicidal disinfection.

2. Long Life

Our amalgam lamp has a special chemical coating that extends its service life up to 16000 hours, and this is twice as much as that of common low pressure amalgam lamps (8000-9000 hours).

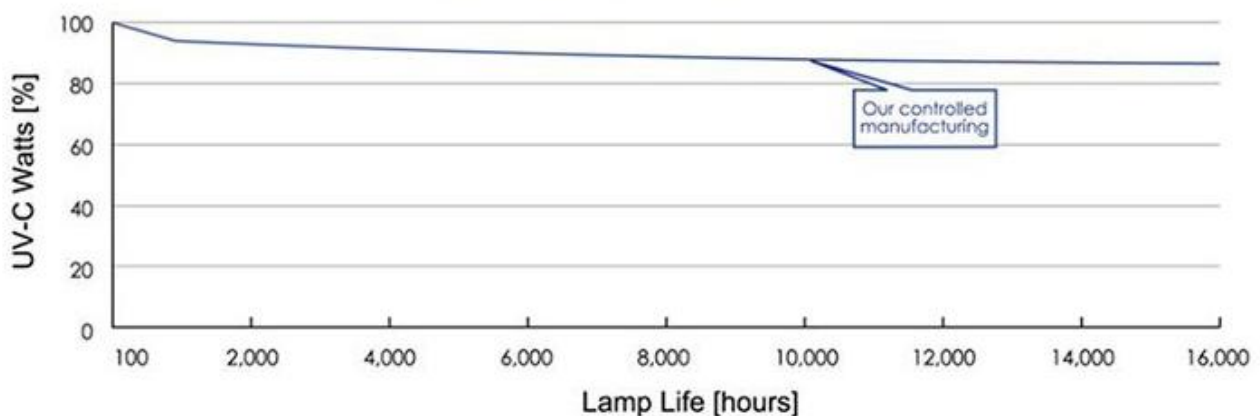
3. Convenient Installation

Both horizontal and vertical installation methods are acceptable.

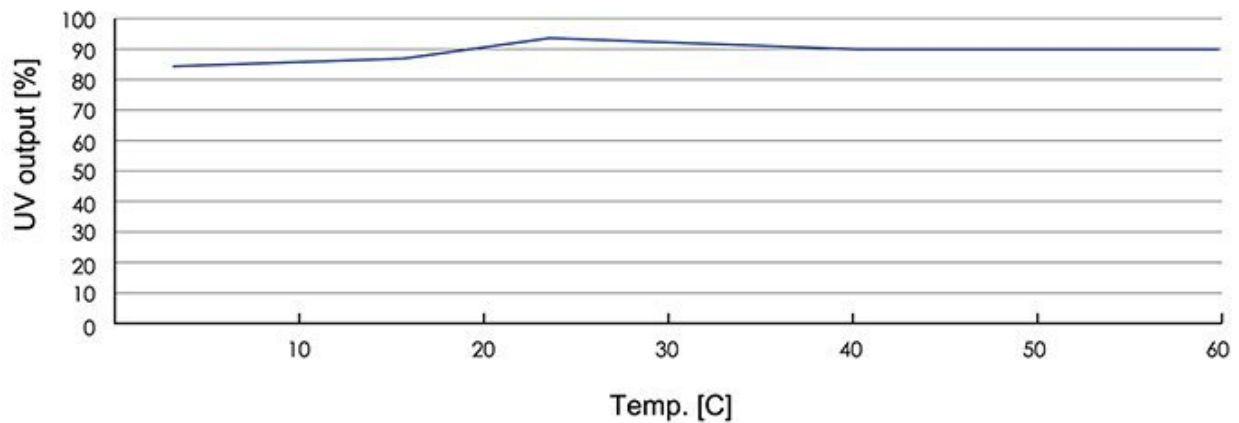
4. Stable Output

Our UVC lamp outputs UV light in a stable way, and the end-of-life UVC output is maintained at 85%.

Maintenance of Amalgam Lamps Controlled Manufacturing Process



Temperature Characteristics Curve



6. Low Cost

When compared with other germicidal lamps, fewer amalgam lamps will be enough for the same water treatment job, thus greatly reducing the initial purchase cost and following maintenance cost.

7. Eco-friendly

There is an ultra-small amount of mercury inside the glass envelope, so our product has little impact on the environment after it is used up.

8. Customizable Model

Lamp tubes in different specifications are provided upon request, and tubes with different lamp bases are also available.

Application

Owing to the abovementioned properties, the amalgam lamp is commonly seen in various water treatment systems to deal with sewage, waste water, drinking water, ultrapure water, purified water, ballast water, swimming pool water, fish tank water and more.



Technical Data

Table 1: Horizontal Installation

Model	Lamp dimensions (mm)			Lamp power (W)	Lamp current (A)	Lamp voltage at 50/60Hz (V)	UV output at 1 meter		Rated life (h)
	Tube diameter	Length	Lamp base				$\mu\text{W}/\text{cm}^2$	W	
GA212T5L	15	212	G10q	30	1.2	22	42	4	16000
GA357T5L	15	357	G10q	42	1.2	36	110	11	16000
GA436T5L	15	436	G10q	52	1.2	45	130	13	16000
GA650T5L	15	650	G10q	75	1.2	68	200	23	16000
GA843T5L	15	843	G10q	105	1.2	88	250	35	16000
GA1000T5L	15	1000	G10q	127	1.2	107	370	42	16000
GA1554T5L	15	1554	G10q	190	1.2	164	500	68	16000
GA357T6L	19	357	G10q	57	1.8	32	130	13	16000
GA436T6L	19	436	G10q	72	1.8	40	150	16	16000
GA843T6L	19	843	G10q	127	1.8	71	400	42	16000
GA1000T6L	19	1000	G10q	150	1.8	84	460	50	16000
GA1554T6L	19	1554	G10q	240	1.8	134	630	85	16000
GHA357T6L	19	357	G10q	65	2.1	32	140	14	16000
GHA843T6L	19	843	G10q	172	2.1	80	490	53	16000
GHA1000T6L	19	1000	G10q	207	2.1	100	570	64	16000
GHA1148T6L	19	1148	G10q	200	2.1	95	610	60	16000
GHA1554T6L	19	1554	G10q	320	2.1	154	750	105	16000
GHA1554T10L	32	1554	G10q	471	5	96	1100	155	16000
GHA1554T10L	32	1554	G10q	800	7	115	1396	170	16000
GHA1790T12L	38	1790	G10q	800	8	100	1710	240	16000