

Amalgam Lamp



■ Main Applications:

- Urban drinking water treatment;
- Sewage and wastewater treatment;
- Water treatment processes, ultrapure water treatment and other reduction of organic matter content (ozone lamp);
- Purified water, swimming pool water, ballast water, fish farming water, etc.



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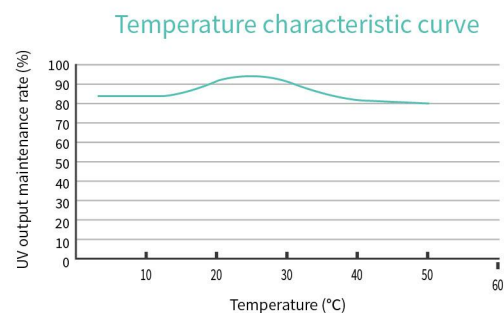
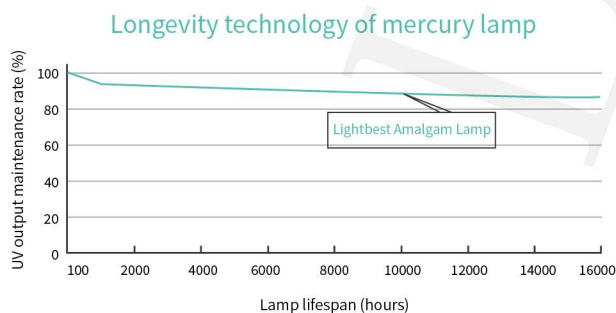


Lightbest provides high-quality low pressure mercury amalgam lamps with good material and advanced process, including pellet amalgam and spot amalgam, from 30W up to 1000W, which is one of leading technology in China and world. Amalgam lamps can be used horizontally and vertically. Special Coating-tech helps amalgam lamps last up to 16,000h, and maintain high UV output up to 85%.

■ Advantages:

- High efficiency:** UVC peak @253.7nm for disinfection.
- Wide application:** Special Pellet Amalgam in over wide temperature from 4 to 60°C.
- Long life:** Special coating for longer life than others.
- Free installation:** Special Amalgam lamps can be used horizontally and vertically.
- Environmental:** Minimized amount of mercury from Light-Best Amalgam.
- Stable UV maintenance:** 80% UV intensity maintainable.

- * Tailor-made or Customized lamps are possible.
- * High-ozone type can be made to reduce TOC.
- * Lamps can be printed by ink or laser (unfading).



Low Pressure Amalgam Lamps

Model No.	Lamp Dimensions(mm)			Power (W)	Current (A)	Voltage at 50/60Hz (V)	UV Output at 1 Meter		Rated Life (h)
	Tube Diam	Length	Base				(μw/cm ²)	(W)	
GPHA212T5L/4P	15	212	G10q	30	1.2	22	42	4	16000
GPHA357T5L/4P	15	357	G10q	42	1.2	36	110	11	16000
GPHA436T5L/4P	15	436	G10q	52	1.2	45	130	13	16000
GPHA550T5L/4P	15	550	G10q	69	1.2	55	160	16	16000
GPHA650T5L/4P	15	650	G10q	75	1.2	68	200	23	16000
GPHA843T5L/4P	15	843	G10q	105	1.2	88	250	35	16000
GPHA1000T5L/4P	15	1000	G10q	127	1.2	107	370	42	16000
GPHA1148T5L/4P	15	1148	G10q	170	1.2	145	465	51	16000
GPHA1554T5L/4P	15	1554	G10q	190	1.2	164	500	68	16000
GPHA357T6L/4P	19	357	G10q	57	1.8	32	130	13	16000
GPHA436T6L/4P	19	436	G10q	72	1.8	40	150	16	16000
GPHA843T6L/4P	19	843	G10q	127	1.8	71	400	42	16000
GPHA1000T6L/4P	19	1000	G10q	150	1.8	84	460	50	16000
GPHA1148T6L/4P	19	1148	G10q	190	1.8	105	500	58	16000
GPHVA1554T6L/4P	19	1554	G10q	240	1.8	134	630	85	16000
GPHHVA1582T6L/4P	19	1582	G10q	305	2.0	158	800	115	16000
GPHHA357T6L/4P	19	357	G10q	65	2.1	32	140	14	16000
GPHHA436T6L/4P	19	436	G10q	85	2.1	42	220	26	16000
GPHHA480T6L/4P	19	480	G10q	90	2.1	48	260	30	16000
GPHHA500T6L/4P	19	500	G10q	100	2.1	50	280	33	16000
GPHHA843T6L/4P	19	843	G10q	172	2.1	80	490	53	16000
GPHHA1032T6L/4P	19	1032	G10q	180	2.1	88	550	61	16000
GPHHA1000T6L/4P	19	1000	G10q	207	2.1	100	570	64	16000
GPHHA1148T6L/4P	19	1148	G10q	215	2.1	105	580	65	16000
GPHHVA1554T6L/4P	19	1554	G10q	320	2.1	154	750	105	16000
GPHHVA1514T8L/4P	24.5	1514	G10q	230	2.6	88	540	76	16000
GPHHVA1880T9L/4P 600W	28	1880	*G10q	600	4.8	126	1300	190	16000
GPHHVA2100T9L/4P 600W	28	2100	*G10q	600	5	120	1200	180	16000
GPHHVA2100T9L/4P 700W	28	2100	*G10q	675	5	135	1500	202	16000
GPHHVA2200T9L/4P 550W	28	2200	*G10q	550	5.1	106	1400	165	16000
GPHHVA1514T10L/4P 260W	32	1514	*G10q	220	3.0	76	550	78	16000
GPHHVA1554T10L/4P 330W	32	1554	*G10q	275	3.6	78	690	96	16000
GPHHVA1514T10L/4P 335W	32	1514	*G10q	293	3.8	77	635	89	16000
GPHHVA1520T10L/4P 500W	32	1520	*G10q	500	5.0	100	1000	150	16000
GPHHVA1554T10L/4P 500W	32	1554	*G10q	500	5.0	100	1100	155	16000
GPHHVA1600T10L/4P 610W	32	1600	*G10q	610	5.5	115	1300	190	16000
GPHHVA1554T10L/4P 800W	32	1554	*G10q	800	7.5	106	1400	220	16000
GPHHVA1600T10L/4P 800W	32	1600	*G10q	750	7.0	107	1600	225	16000
GPHHVA1000T12L/4P 500W	38	1000	*G10q	475	8.0	60	990	185	16000
GPHHVA1554T12L/4P 800W	38	1554	*G10q	800	8.0	100	1700	300	16000
GPHHVA1600T12L/4P 800W	38	1600	*G10q	800	8.0	100	1700	300	16000
GPHHVA1790T12L/4P 800W	38	1790	*G10q	800	8.0	100	1700	300	16000
GPHHVA2000T12L/4P 1000W	38	2000	*G10q	1000	8.0	125	2100	370	16000

*The above UV lamps can be made with high ozone type VH, 185nm+2537nm *Customized specifications are available

*A-Amalgam lamp, including pellet amalgam and spot amalgam; VA-Amalgam lamp that can be installed horizontally and vertically

*G10q means standard single-ended four-pin G10q lamp holder, or other deformed or heterosexual lamp holders

* The lamp life and UV intensity of the above lamps were tested in a laboratory standard environment with reference ballasts or high-quality electronic ballasts required by national standards, which may be different in actual applications. All the terms in the following parameters table in the same, but not indicated again.