

UV AMALGAM

Low Pressure UV Amalgam Lamps

USHIO's low pressure Amalgam lamps are designed with a special coating for longer life. Amalgam lamps are able to achieve ten times the UV power density of standard low pressure lamps and five times more ozone production while operating at a higher temperature than conventional low pressure mercury lamps. The higher efficiency of these Amalgam lamps also allows for less lamps per system or lower wattage lamps in the system while achieving the same results as standard low pressure mercury lamps. Thanks to these dynamic features, USHIO's UV Amalgam lamps are able to thrive in water treatment and conditioning and disinfection applications.



**UV Amalgam
Single & 4-Pin Base**



**UV Amalgam
Ballast**

UV AMALGAM



UV AMALGAM LAMPS

T5, T6, T8 & T10

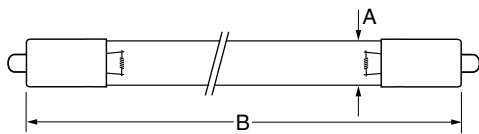
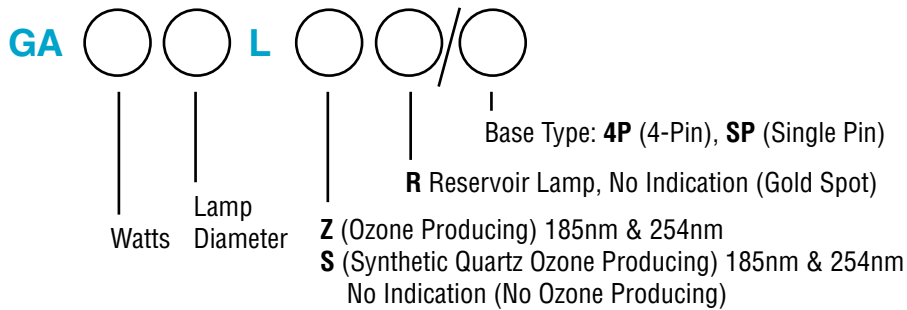
- Low Mercury Dose for RoHS Compliance
- Increased Operating Temperature Range
- High Lamp Efficiency
- Offered with Different Base Configurations
- Ozone Producing or Ozone Free

Watts (W)	Lamp Description	Lamp Current (A)	Dimensions		UV Output Total Watt @ 254nm	Avg* Life (h)
			Dia (A) (mm)	Length (B) (mm)		
T5						
80	GA80T5L	1.50	15	559	24	10000
100	GA100T5L	1.50	15	711	30	10000
120	GA120T5L	1.50	15	860	35	10000
130	GA130T5L	1.50	15	965	38	10000
200	GA200T5L	1.50	15	1553	72	12000
215	GA215T5L	1.55	15	1524	61	12000
260	GA250T5L	1.55	15	1829	70	12000
T6						
170	GA170T6L	2.00	19	1120	60	12000
320	GA320T6L	2.00	19	1554	108	12000
T8						
350	GA350T8L	2.90	25	1554	132	12000
T10						
400	GA400T10L	3.50	28	1539	140	12000

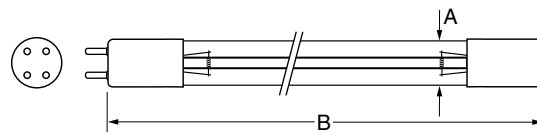
*Based on maximum 1 cycle per day using Fulham ballast for SP lamps and maximum 1 cycle per day using UV-Technik ballast with pre-heat for 4-Pin lamps.

15mm "T5" lamps available in single pin (instant start) version.
Lamp lifetime is based on 80% of initial output at stated average life.

AMALGAM PART# REFERENCE GUIDE



Single Pin



4-Pin

Hg - LAMP CONTAINS MERCURY

Manage in Accord with Disposal Laws. Visit www.lamprecycle.org or call 800.895.8842.

BALLASTS



	BALLASTS			
	Wattage (W)	Ballast Type	Lamp Type	Lamp Current (A)
UV TECHNIK	FEATURES: Adjustable Output, Preheat			
	40-150	EVG UVT*	T5	0.8-1.5
	40-200	DVG200	T5 / T6	1.5-2
	80-200	EVG UVT*	T5	1.2-2.1
	100-200	EVG UVT2X*	T5	1.2-2.1
	150-320	DVG500-2	T8	2.9
	230-500	DVG500-1	T10	3.8
FULHAM	FEATURES: Instant Start			
	200-400	Sunhorse	T5	1.5

*Dimming