

## UV AMALGAM

### Low Pressure UV Amalgam Lamps

Ushio America offers two types of low pressure Amalgam lamps. These lamps have a special coating that allows for transmission at 254nm only or 254nm and 185nm for ozone production.

The low pressure Amalgam lamps 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 the Amalgam lamps allows less lamps per system or lower wattage lamps in the system while achieving the same results as standard low pressure Mercury lamps.

Amalgam lamps use less mercury than standard low pressure mercury lamps and are RoHS compliant. Life time of the Amalgam lamps are in excess of 16,000 hours with only a 20% degradation in output.

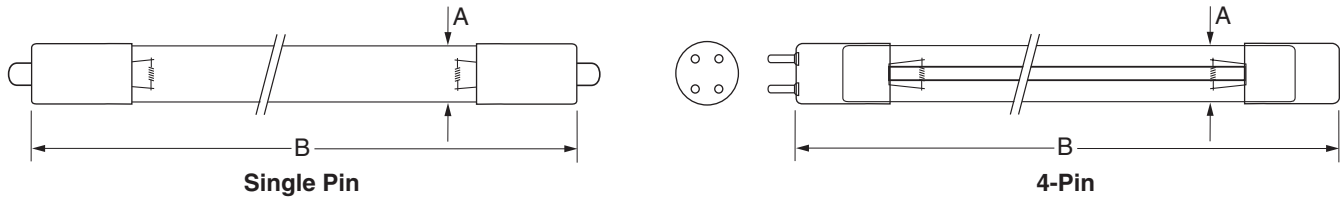
### FEATURES & BENEFITS

- 254nm UVC Output
- 254nm and 185nm Output for Ozone Production
- Low Mercury Dose for RoHS Compliance
- Long Life - Up to 16,000 Hours
- Flexible Designs
- Increased Operating Temperature Range
- Short Warm-Up Time
- High Lamp Efficiency

### APPLICATIONS

- Industrial Water Treatment
- Commercial Water Treatment
- Cooling Tower Water Conditioning
- Air Disinfection
- Sewage Treatment

# SPECIFICATIONS



Customer specified length and base available.  
Available in ozone (185nm output) and non-ozone (254nm output) versions.

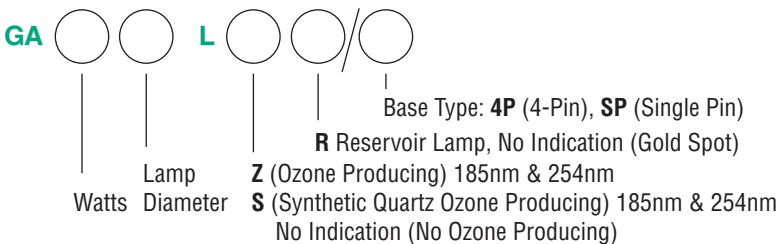
Watts (W)	Lamp Description	Lamp Current (A)	Dimensions		UV Output Total Watt @ 254nm	Average* Rated Life (h)
			Dia (A) (mm)	Length (B) (mm)		
<b>T5</b>						
80	GA80T5L	1.50	15	559	24	16,000
100	GA100T5L	1.50	15	711	30	16,000
120	GA120T5L	1.50	15	860	35	16,000
130	GA130T5L	1.50	15	965	38	16,000
200	GA200T5L	1.50	15	1553	72	16,000
215	GA215T5L	1.55	15	1524	61	16,000
260	GA250T5L	1.55	15	1829	70	16,000
<b>T6</b>						
170	GA170T6L	2.00	19	1120	60	16,000
320	GA320T6L	2.00	19	1554	108	16,000
<b>T8</b>						
350	GA350T8L	2.90	25	1554	132	16,000
<b>T10</b>						
400	GA400T10L	3.50	28	1539	140	16,000

\*Lamp lifetime based on 1 start per day using UV Technik pre-heat ballast.

contains mercury  
contient du mercure

Manage in Accord with Disposal Laws  
[www.lamprecycle.org](http://www.lamprecycle.org) 1-800-895-8842

## AMALGAM PART# REFERENCE GUIDE



	BALLASTS			
	Watts (W)	Ballast Type	Lamp Type	Lamp Current (A)
UV TECHNIK	<b>FEATURES: Adjustable Output, Preheat</b>			
	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	<b>FEATURES: Instant Start</b>			
	200 - 400	Sunhorse	T5	1.5

\*Dimming

# USHIO