

HIGH OUTPUT GERMICIDAL ULTRAVIOLET LAMPS

STER-L-RAY® High Output (HO) germicidal lamps are similar in size and shape to conventional germicidal lamps but are capable of operating at higher input power and current. **STER-L-RAY**® HO germicidal lamps are widely used in forced air duct systems and water disinfection applications. High Output (HO) Ozone producing lamps are often found in odor control and photochemical applications. Available in Low Ozone and Ozone Producing versions.



Lamp Description	Length (mm) Base Face to Face	Arc Length	Lamps (Watts) (1)	Approx. Lamp Current (mA)	UV Output at 254nm		Rated Lamp Life (Hours)
					Watts (2)	μW/cm2 (3)	
GPH436T5L/HO/4PSE	436	360	48	800	13	120	13,000
GPH436T5VH/HO/4PSE	436	360	48	800	13	120	13,000
GHO36T5L/4PSE	843	755	87	800	28	260	13,000
GHO36T5VH/4PSE	843	755	87	800	28	260	13,000
GPH893T5L/HO/4PSE	893	815	95	800	30	270	13,000
GPH893T5VH/HO/4PSE	893	815	95	800	30	270	13,000
GHO64T5L/4PSE	1554	1421	155	800	54	380	13,000
GHO64T5VH/4PSE	1554	1421	155	800	54	380	13,000

Other sizes are readily available. Custom lamp lengths can also be supplied. Please contact us for help with your needs. Those considering the use of HO lamps in a new application are advised to consult one of Atlantic Ultraviolet's Application Engineers for specific recommendations.

ENHANCED OUTPUT (AMALGAM) GERMICIDAL ULTRAVIOLET LAMPS

STER-L-RAY® Enhanced Output (Amalgam) lamps provide germicidal ultraviolet output three or more times that of conventional germicidal lamps of similar length without sacrificing efficiency or lamp life. **STER-L-RAY**® Enhanced Output lamps are the highest expression of ultraviolet lamp technology and as such are the subject of ongoing technical development and improvement. Custom and proprietary designs are available to satisfy specialized needs. Available in Low Ozone and Ozone Producing versions.



Lamp Description	Tube Diameter (mm)	Length (mm) Base Face to Face	Arc Length	Lamps (Watts)(1)	Lamp Current	UV Output Total Watts (2)	UV Output Microwatts at 1 Meter (3)	Rated Lamp Life (Hours)
GPHA843T5L	15	843	764	105	1.2	35	320	13,000
GPHA1554T5L	15	1554	1475	190	1.2	68	500	13,000
GPHA843T6L	19	843	764	127	1.8	43	400	13,000
GPHA1554T6L	19	1554	1475	240	1.8	87	630	13,000
GPHHA843T6L	19	843	764	172	2.1	54	490	13,000
GPHHA1554T6L	19	1554	1475	320	2.1	105	750	13,000

Other sizes are readily available. Custom lamp lengths can also be supplied. Please contact us for help with your needs. Please note that ozone output is subject to considerable variation due to conditions under which the lamp is used; under many conditions, the ozone output may be only a fraction of the specified figure.

- (1) Wattage is lamp watts only and does not include ballast loss.
- (2) Ultraviolet output at 254 nanometers at 100 hours and 80°F (approximate).
- (3) Microwatts per square centimeter at one meter from lamp.