

HIGH INTENSITY GERMICIDAL ULTRAVIOLET LAMPS

STER-L-RAY® High Intensity germicidal lamps are manufactured with a unique structure and large diameter quartz envelope which translates to more than twice the amount of ultraviolet output when compared to standard germicidal lamps of the same length. Available in Low Ozone and Ozone Producing versions.



Lamp Description		Length (mm) Base Face to Face	Lamps (Watts) (1)	Approx. Lamp Current (mA)	UV Output Total Watts (2)	UV Output Microwatts at 1 Meter (3)	Rated Lamp Life (Hours)
Low Ozone	Ozone Producing						
GX48L	GX48VZ	1146	110	1500	48	420	10,000
GX48L/4	GX48VZ/4	1146	110	1500	48	420	10,000

Other sizes are readily available. Custom lamp lengths can also be supplied. Please contact us for help with your needs.

PREHEAT GERMICIDAL ULTRAVIOLET LAMPS

STER-L-RAY® Preheat germicidal lamps are operated by a preheat start circuit that employs a relatively compact and economical ballast. The preheat circuit requires four electrical connections per lamp and a slight to moderate delay is needed to start the lamp. Some modern electronic ballasts are capable of instant starting a Preheat lamp. Available in Low Ozone and Ozone Producing versions.



Lamp Description		Length (mm) Base Face to Face	Lamps (Watts) (1)	Approx. Lamp Current (mA)	UV Output Total Watts (2)	UV Output Microwatts at 1 Meter (3)	Ozone Output (4)	Rated Lamp Life (Hours)
Low Ozone	Ozone Producing							
GPH212T5L*	GPH212T5VH*	212	10	425	2.7	26	0.6	10,000
GPH238T5L/4	GPH238T5VH/4	238	11	425	3.0	30	0.65	10,000
GPH250T5L/4	GPH250T5VH/4	250	12	425	3.2	32	0.7	10,000
GPH254T5L*	GPH254T5VH*	254	12	425	3.3	33	0.71	10,000
GPH275T5L/4	GPH275T5VH/4	275	13	425	3.5	35	0.76	10,000
GPH287T5L*	GPH287T5VH*	287	14	425	4	40	0.9	10,000
GPH303T5L/4	GPH303T5VH/4	303	15	425	4.3	43	0.94	10,000
GPH330T5L/4	GPH330T5VH/4	330	16	425	4.6	46	1.0	10,000
GPH357T5L*	GPH357T5VH*	357	17	425	5.7	58	1.25	10,000
GPH436T5L*	GPH436T5VH*	436	21	425	7.3	72	1.6	10,000
GPH450T5L/4	GPH450T5VH/4	450	22	425	7.5	75	1.6	10,000
GPH463T5L*	GPH463T5VH*	463	23	425	8.0	78	1.7	10,000
GPH620T5L/4	GPH620T5VH/4	620	30	425	10.4	104	2.2	10,000
GPH650T5L/4	GPH650T5VH/4	650	34	425	11.0	109	2.4	10,000
GPH793T5L*	GPH793T5VH*	793	38	425	13.5	125	2.9	10,000
GPH810T5L/4	GPH810T5VH/4	810	39	425	13.8	130	3.0	10,000
GPH843T5L*	GPH843T5VH*	843	41	425	15	136	3.3	10,000

*Also available in 4-pin single ended configurations.

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.

(4) Approximate ozone output in grams per hour under favorable conditions. Figures apply only to ozone producing types.