

STER-L-RAY™

GERMICIDAL LAMPS

HIGH OUTPUT LAMPS

High Output (HO) germicidal lamps yield 1/3 to 2/3 more ultraviolet output than standard lamps of the same length. Ballasting is available in 120v and 220v. Custom designed lengths can also be supplied.

The unique single-ended design is suited for test tube-shaped quartz sleeve application. The end of the lamp with the pins is positioned at the open end of the sleeve at the top.

This reduces electrical problems associated with condensation at the bottom of vertical units. Electrical continuity is accomplished through the use of two external Teflon coated wires. Longer lengths employ spacing rings. The 4-pin single ended design permits the use of standard Steadfast™ sockets. The lamps are supplied with ceramic bases, which are resistant to ultraviolet and ozone. They will not burn or deteriorate, and they eliminate quartz sleeve fogging.



Lamp Catalog Number	Base Face Length		Arc Length		Watts ^①	Current mA	Voltage 50/60Hz	UV Output at 254nm	
	Inches	mm	Inches	mm				Watts	μW/cm ²
05-0331 - GPH436T5L/HO/4PSE	17.2	436.0	14.2	360	48	800	70	13	120
05-0332 - GPH436T5/VH/HO/4PSE	17.2	436.0	14.2	360	48	800	70	13	120
05-0264 - GHO36T5/L/4PSE	33.2	842.4	29.7	755	87	800	125	28	260
05-0265 - GHO36T5/VH/4PSE	33.2	842.4	29.7	755	87	800	125	28	260
05-0333 - GPH846T5/L/HO/4PSE	33.3	846.0	30.2	767	90	800	127	29	265
05-0334 - GPH846T5/VH/HO/4PSE	33.3	846.0	30.2	767	90	800	127	29	265
05-0335 - GPH893T5/L/HO/4PSE	35.2	893.0	32.1	815	95	800	135	30	270
05-0336 - GPH893T5/VH/HO/4PSE	35.2	893.0	32.1	815	95	800	135	30	270
05-0337 - GHO64T5/L/4PSE	61.2	1553.6	55.9	1421	155	800	220	45	380
05-0338 - GHO64T5/VH/4PSE	61.2	1553.6	55.9	1421	155	800	220	45	380

① At line frequencies (50 or 60Hz) the lamp wattage is not simply the product of the lamp voltage and current. This product must be multiplied by the apparent power factor (approximately 0.8) to determine the true wattage. At high frequency (>10Khz) the power factor is one and the wattage is obtained as the product of voltage and current.