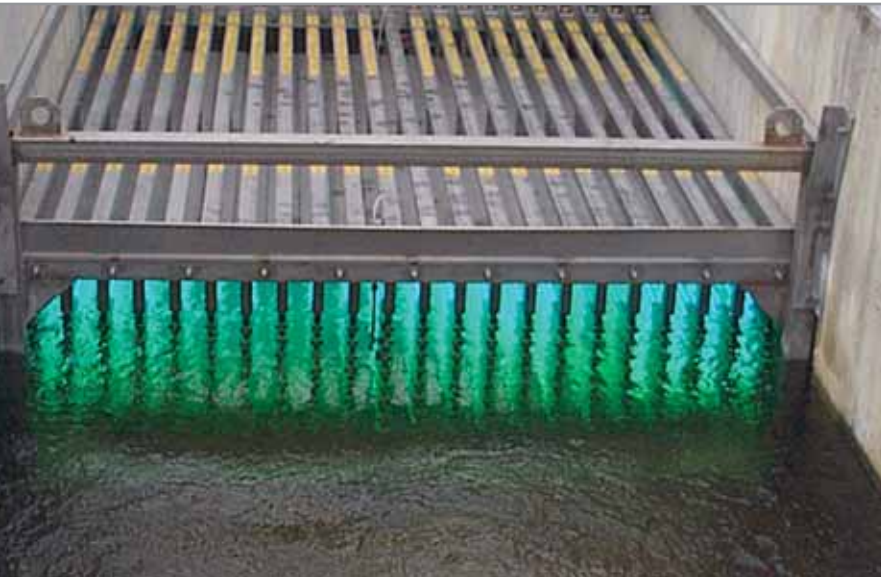


Philips Germicidal T5 Sterilamp®

featuring ALTO® Lamp Technology

TCLP¹-Compliant, Low Mercury Level Technology



Actual photo of Ojai Waste Water Treatment Plant—Ojai, CA.
Photography courtesy of UVDI of Valencia, CA.

Ideal for waste water treatment

Fast, Effective Disinfection

UVC 254 nm output

Long, Useful Life

9000 hour rated average life²

Special Inner Bulb Coating

Maintains 85% of UVC output over life

TCLP¹-Compliant

- Cost-effective and environmentally responsible disinfection alternative to chemical treatment
- Philips supports the EPA's commitment to reduce, reuse and recycle

1) The TCLP is the US EPA's Toxicity Characteristic Leaching Procedure.

2) Rated average life when burned at 8 hours per start and under IES/ANSI test conditions.



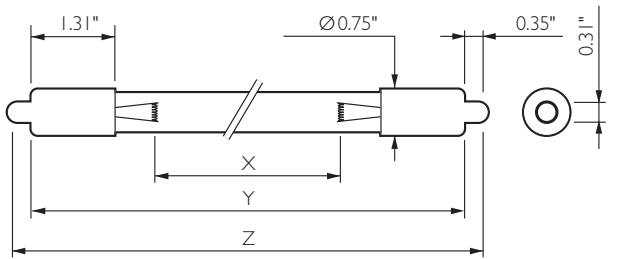
PHILIPS

Philips Germicidal T5 Sterilamp® Featuring ALTO® Lamp Technology
 Electrical, Technical and Ordering Data (Subject to change without notice)

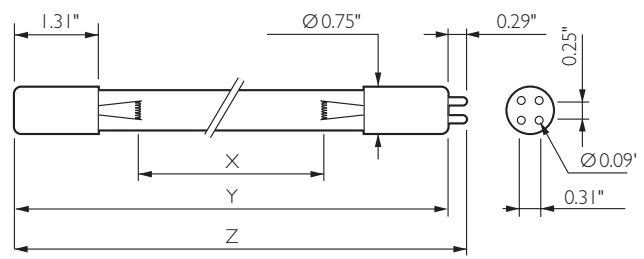
Product Number	Type	Base	Lamp Diameter (mm)	Volts	Lamp Current (mA)	Watts	UV-C 100h W	Depreciation 9000h (%)	Rated Avg. Life (Hrs.) ¹
29269-8	TUV 64 T5 SP	Single-Pin	16	176*	425*	75*	31	15	9000
36217-8	TUV 64 T5 4P-SE	4-Pin Single-Ended	16	176*	425*	75*	31	15	9000

1) Rated average life when burned at 8 hours per start and under IES/ANSI test conditions.
 *These results are based upon operation on 25kHz HF electronic ballast.
 (Hg) LAMP CONTAINS MERCURY, Manage in Accord with Disposal Laws, See: www.lamprecycle.org or call 1-800-555-0050.

Lamp Dimensions



Type	X	Y	Z
single-pin			
TUV 64 T5 SP	57.99"	61.17" ± .12"	61.87" ± .14"

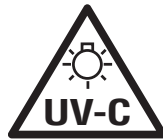


Type	X	Y	Z
4-pin single-ended			
TUV 64 T5 4P-SE	57.99"	61.17" ± .12"	61.46" ± .14"

Recommended Warnings, Cautions and Operating Instructions

WARNING: "These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation. Radiation from these lamps is harmful to the eyes and skin. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used.

The UV-C radiation output of these lamps is indicated by the following warning sign:



CAUTION: To reduce the risk of personal injury, wear protective eyewear when you are in close proximity to these lamps. Failure to do so may result in severe burns and long-term injury to eyes.

Installations with these lamps are to be screened off completely.

Philips Germicidal T5 Sterilamp® TCLP-Compliant, Featuring ALTO® Lamp Technology

The Philips Germicidal T5 G64 Sterilamp is the first germicidal lamp in the industry to pass the federal EPA's TCLP test for low mercury level and can be characterized as non-hazardous waste.

Philips pioneered the low mercury technology for general lighting T8 fluorescent lamps under the designation of ALTO. As an ongoing initiative to reduce mercury levels in arc-discharge lamps, Philips has expanded the ALTO family of lamps to include the popular low pressure G64 T5 germicidal types commonly used in air and water disinfection applications.

