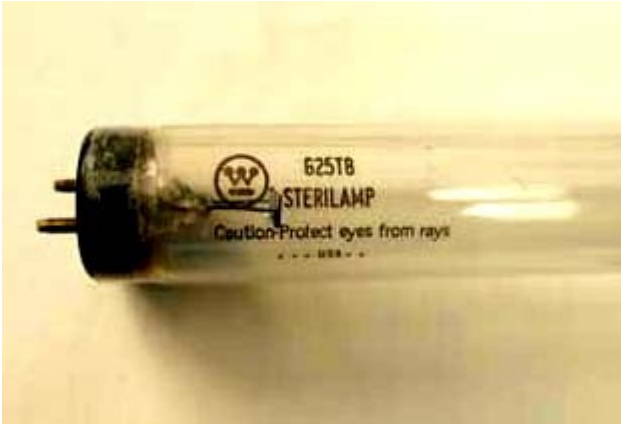


# Lamp LS-25S with Sleeve



This short wave (SW) [also called germicidal or UV-C] lamp is unique. The lamp is brand new and was never used even though it was manufactured over 20 years ago (before Westinghouse was sold to Philips Lighting). The lamp will be tested just before shipping to make sure it works (it was tested previously). The lighting industry number for this lamp is a G25T8, which means it is a germicidal lamp rated at 25 Watts and it is one inch in diameter. What makes this lamp unique is the UV transparent polymer heat-shrink film (Teflon) over the lamp.

## Additional Information

The lamp was originally intended for use in UV water disinfection units and therefore that's the reason for the heat-shrink film. The film has a SW transmission (at 253.7 nm) of approximately 71 to 73%. To obtain the maximum UV output just cut the film off the lamp. Any sharp knife can be used to slit the film such as a box cutter, razor blade cutter, or scalpel. The reason the LS-25S lamp is so inexpensive is because you have to remove the sleeve if you do not want it on (some customers want the protective sleeve left on).

NOTE: a 15 W light assembly will **not** operate the lamp correctly, also the lamp possibly could fail in a short time if a 15 W ballast was used instead of the required 25 W ballast. Some typical 25 W fluorescent lamp ballasts for T8 lamps that are acceptable are as follows:

Manufacturer *	Model number	Input voltage	Comments
Robertson Worldwide 13611 Thornton Rd. Blue Island, IL 60406 1-800 323-5633 708 388 2315 www.robertsonww.com	SS20604	120VAC	No starter required
Robertson Worldwide	S20604	120VAC	Starter required
Robertson Worldwide	PTSS25	120VAC	No starter required
Robertson Worldwide	020604	120VAC	Starter required

\* There may be other ballast manufacturers who also make ballasts for the G25T8 lamp.

**UV SYSTEMS, Inc.**