

Sylvania® Four Foot Bi-Pin T8 Low Dose Hg ECO® Fluorescent Lamps

TCLP TEST RESULTS

Toxicity Characteristic Leaching Procedure

Sylvania Four Foot Bi-Pin T8/ECO Fluorescent lamps

Sylvania T8/ECO fluorescent lamps pass the existing Federal TCLP limits⁴. Test results for mercury and lead are shown in the following table:

Element ⇨	Mercury	Lead	No. of Samples Tested
U.S. Federal Limit ⇨	0.2 mg/l	5.0 mg/l	
Product ⇩			
FO28/8xx/XP/SS/ECO	0.10 ± 0.03	<0.5	9
FO30/8xx/XP/SS/ECO	0.10 ± 0.03	<0.5	9
FO32/7xx/XP/ECO	0.08 ± 0.01	<0.5	9
FO32/8xx/ECO	0.08 ± 0.01	<0.5	9
FO32/8xx/XP/ECO	0.10 ± 0.03	<0.5	9
FO32/8xx/XPS/ECO	0.10 ± 0.03	<0.5	9
xx See Note 7	—	—	—

- Units are in mg/liter.
- Tested in accordance with EPA SW846, "Test Methods for Evaluating Solid Waste (Physical/Chemical Methods)." Lamps were prepared for testing in accordance with NEMA^{*} Standard LL 1^{**} or equivalent protocol designed to reduce test-to-test variability.
- The above values were obtained from results of testing these products at OSRAM SYLVANIA and two independent laboratories. (Laboratory names and specific data available on request.) These values represent the 80% confidence interval of the mean concentration of the analyte as defined in EPA SW846, Chapter Nine.
- Arsenic, barium, cadmium, chromium, selenium, and silver are not present, or are present at such low concentrations that the appropriate regulatory levels could not possibly be exceeded and were therefore not tested.
- It is always the waste generator's responsibility to ensure that lamps are disposed of in accordance with local, state, and federal regulations. Some states and localities have lower limits than the federal TCLP standard and have different statutes and disposal regulations regarding mercury-containing lamps. Therefore, always consult your local and state authorities for disposal information.
- At the time of issue (05/27/2003), the U.S. Federal limits and the product data were accurate as shown.
- The letters "xx" in the product designation represent the first two digits of the color temperature; 3000K, 3500K, 4100K, etc.

^{*} NEMA: National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209.

^{**} LL 1: Procedures for Linear Fluorescent Lamp Sample Preparation and the TCLP

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Document Number	Revision	Title	Release Date	Replaces
DQ5 144 015	New	TCLP Four Foot Bi-Pin T8-low dose Hg ECO FL	12/12/2006	--