

ECOLOGIC® T12 HO AND HO SUPERSAVER® Fluorescent Lamps



- ECOLOGIC – Designed to pass Federal TCLP test¹
- Full Wattage, SUPERSAVER, and Cold Temperature
- 4-foot, 6-foot and 8-foot lengths
- Same performance as non-ECOLOGIC lamps
- SUPERSAVER
 - Operate in the same fixtures with same ballasts as full wattage lamps
 - 14% Energy Savings on magnetic energy saving ballasts

¹ Regulations may vary. Check your local and state regulations

ECOLOGIC® is a comprehensive program of OSRAM SYLVANIA focused on addressing environmental issues at all stages of lamp life.



SYLVANIA ECOLOGIC fluorescent lamps are designed to satisfy the Federal Toxicity Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states¹.

SUPERSAVER lamps provide energy savings of 14% over full wattage lamps. Just change the lamps to start reducing lighting energy costs.

Select SYLVANIA T12 HO and HO SUPERSAVER lamps such as the F96T12/CW/HO/SS/ECO that incorporate all these features to maximize the benefits.

Product Availability

Lamp Description	Rated Lumens
F48T12/CW/HO/ECO	4050
F72T12/CW/HO/ECO	6250
F96T12/CW/HO/SS/ECO	8000
F96T12/CW/HO/CT/ECO	8600

Application Information

Applications

Mass Merchandising
Supermarkets
Industrial
Warehouses

Application Notes

1. SUPERSAVER lamps should not be operated under the following conditions:
 - Do not operate below 60°F or in drafty conditions
 - Do not operate on low power factor ballasts
 - Do not operate on dimming ballasts
 - Do not operate on electronic ballasts unless so labeled.
2. The F96T12/CW/HO/CT/ECO lamp is intended for use in applications where the F96T12/CW/HO/SUPERSAVER/ECO cannot be used.
3. For cold temperature applications use full wattage lamps such as F96T12/CW/HO/CT/ECO in enclosed fixtures or use tube guards to maximize lamp performance.



Sample Specification

Lamp(s) shall be SYLVANIA HO (F48T12, F72T12, or F96T12) or SYLVANIA HO SUPERSAVER (F96T12) ECOLOGIC lamp having recessed double contact bases for 800mA operation. Lamps(s) shall be designed to pass the Federal TCLP in force at the time of manufacture. Lamp(s) shall have a correlated color temperature of 4200K and a CRI of 62.

Ordering and Specification Information

ECOLOGIC Fluorescent HO (800mA) lamps

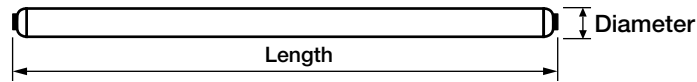
Item Number	Ordering Abbreviation	Watts	Bulb	Base	Avg. Rated Life (hrs.) ¹	Initial Lumens	Mean Lumens	CCT	CRI
25122	F48T12/CW/HO/ECO	60	T12	RDC	12000	4050	3281	4200K	62
25171	F72T12/CW/HO/ECO	85	T12	RDC	12000	6250	5063	4200K	62
25001	F96T12/CW/HO/SS/ECO	95	T12	RDC	12000	8000	6480	4200K	62
25129	F96T12/CW/HO/CT/ECO	110	T12	RDC	12000	8600	6966	4200K	62

1. Based on 3 hours per start on magnetic HO ballasts.

Ordering Guide

F	96	T12	/	CW	/	HO	/	SS	/	ECO
Fluorescent	96 = 96" lamp	T = Tubular 12 = 12 eighths inch diameter		Cool White		High Output (800 mA)		SUPERSAVER		ECOLOGIC

Dimensions



Lamp	Length End of Base to End of Opposite Base		Bulb Diameter	
	Min.	Max.	Min.	Max.
F48T12/HO	45.72"	45.91"	1.41"	1.59"
F72T12/HO	69.72"	69.91"	1.41"	1.59"
F96T12/HO	93.72"	93.91"	1.41"	1.59"

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Phone: 1-800-762-7191
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Photo-Optic

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Industrial & Commercial

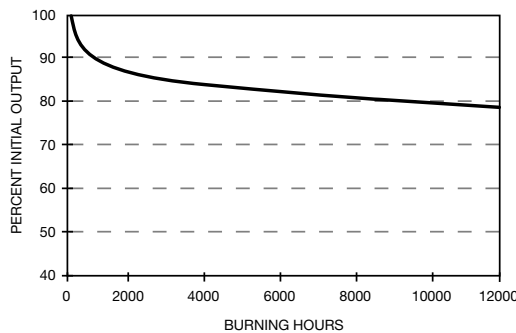
Phone: 1-800-263-2852
Fax: 1-800-667-6772

Special Markets

Phone: 1-800-265-2852
Fax: 1-800-667-6772

Technical Information

Cool White HO Lumen Maintenance



Typical Fluorescent Lamp Mortality

