

Halophosphor ECOLOGIC® T8 Fluorescent Lamps



SYLVANIA Halophosphor ECOLOGIC T8 linear fluorescent lamps offer an economical alternative for T8 fluorescent applications where extended life or higher light output are not required and color rendering is not critical, such as industrial environments, storage areas, corridors and stairwells. Constructed without the rare earth containing triphosphors used in premium fluorescent lamps, these options are electrically identical to their counterparts. SYLVANIA Halophosphor ECOLOGIC T8 lamps are compatible with existing ballasts, including dimming and bi-level versions, so may be integrated with energy-saving control strategies.

These lamps pass the Federal TCLP Test, classifying them as non-hazardous waste in most states.*

Key Features & Benefits

- Lower cost alternatives to premium 700 or 800 series T8 lamps
- 30,000 hours rated life at 12hrs/ start for 2, 3, and 4-foot types
- Dimmable (bi-pin base)
- 2', 3' 4' and 8' lengths
- Lead-free
- Made in the USA
- TCLP and RoHS compliant



* ECOLOGIC® is a comprehensive program of OSRAM SYLVANIA focused on addressing environmental issues at all stages of lamp life. Regulations may vary. Check your local & state regulations.

Product Offering

Ordering Abbreviation	Watts	CCT
F17T8/ECO	17	3500K and 4100K
F25T8/ECO	25	3500K and 4100K
F32T8/ECO	32	3500K and 4100K
F96T8/ECO	59	3500K and 4100K

Application Information

Applications

- Industrial/strip lights
- Surface mount luminaires
- Troffers

Application Notes

1. Lamps starting down to 0°F (dependent on ballast)
2. Operation below 50°F may affect lumen output or lamp operation.
3. For cold temperature operation, use in enclosed fixture or tube guards.
4. For maximum lamp life, and especially in occupancy sensor applications, operate on programmed rapid start electronic ballasts. Not applicable to F96T8.



Specification Data

Fixture Description:	Type
Project/Job:	
SYLVANIA lamp:	
SYLVANIA ballast:	
Notes:	

Ordering Information

Item Number	Ordering Abbreviation	Watts	Nominal Length	Initial Lumens	Mean Lumens*	Rated Life Instant Start		Rated Life Programmed Rapid Start		CCT	CRI
						3 hrs./ start	12 hrs./ start	3 hrs./ start	12 hrs./ start		
21439	F17T8/CW/ECO	17	24	1200	865	20,000	25,000	28,000	30,000	4100K	58
21438	F17T8/W/ECO	17	24	1200	865	20,000	25,000	28,000	30,000	3500K	55
21437	F25T8/CW/ECO	25	36	1850	1330	20,000	25,000	28,000	30,000	4100K	58
21436	F25T8/W/ECO	25	36	1850	1330	20,000	25,000	28,000	30,000	3500K	55
21348	F32T8/CW/ECO	32	48	2500	1800	20,000	25,000	28,000	30,000	4100K	58
21347	F32T8/W/ECO	32	48	2500	1800	20,000	25,000	28,000	30,000	3500K	55
21419	F96T8/CW/ECO	59	96	5000	3600	20,000	25,000	N/A	N/A	4100K	58
21418	F96T8/W/ECO	59	96	5000	3600	20,000	25,000	N/A	N/A	3500K	55

* At 40% of Rated Life

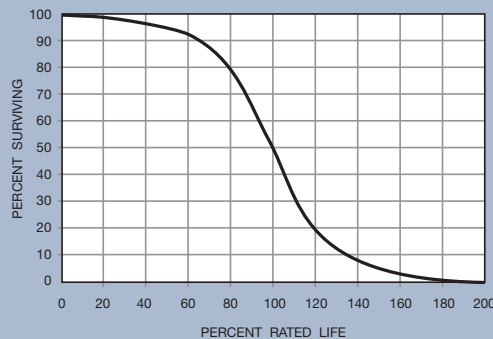
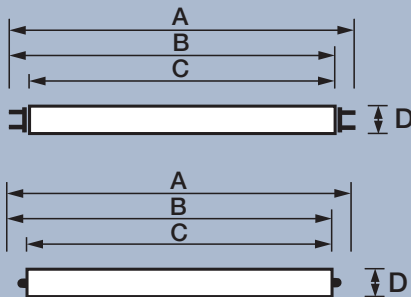
Ordering Guide

F	17	T8	/	CW	/	ECO
Fluorescent	17, 25 or 32 Watts or Length (in.) 96	Bulb Size T8		CW = Cool White W = White		ECOLOGIC

Technical Information

Dimensions

Ordering Abbreviation	(A) Max. Overall Overall Length mm (in.)	(B) Base Face to Opposite Pin mm (in.)	(C) Base Face to Base Face mm (in.)	(D) Max. Outside Diameter mm (in.)
F32T8/CW/ECO	1213.6 (47.78)	Min. 1203.9 (47.4) Max. 1206.5 (47.5)	1199.4 (47.22)	27.9 (1.1)
F96	2387.6 (94.00)	Min. 2372.86 (93.42) Max. 2378.71 (93.65)	2369.82 (93.30)	27.94 (1.1)



Sample Specification

Lamps shall be Halophosphor ECOLOGIC® T8 lamps having a minimum of 62% mean lumens. Lamps shall have a correlated color temperature of (3500K or 4100K) and a CRI of 55 or 58. The Halophosphor ECO lamps shall be operated on QUICKTRONIC® ballasts.

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