

OCTRON® 32 WATT 800XP® XL ECOLOGIC®

EXtended Performance, EXtended Life Fluorescent Lamps



SYLVANIA OCTRON® XP® XL ECOLOGIC® fluorescent lamps last 50% longer than conventional T8 lamps. Because lamp life is longer, re-lamp cycles are extended and lamp maintenance costs are reduced.

In addition to longer life, the OCTRON 800 XP XL ECO lamps deliver higher initial and maintained light levels and improved CRI over the OCTRON 700 series lamps. Higher maintained light levels allow the user more system choices: higher light levels, lower wattage systems or 2-lamp instead of 3-lamp systems. These lamps pass the Federal TCLP test, classifying them as non-hazardous waste in most states.

Key Features & Benefits

- A member of the OSRAM SYLVANIA ECOLOGIC®3 family of lamps
- Average rated life of 40,000 hours
 - Extended re-lamp cycles
- Available in 4' length
- Higher initial lumens than OCTRON 700 Series
 - 2950 vs 2800 for 3500K and 4100K
 - 2950 vs 2650 for 5000K
- 96% lumen maintenance at 40% of rated life
- Improved CRI over OCTRON 700 series
 - 85 vs 78 for 3500K and 4100K
 - 80 vs 78 for 5000K
- Color temperatures: 3500K, 4100K and 5000K
- QUICK 60+® system warranty when paired with QUICKTRONIC® electronic ballasts

SYLVANIA OCTRON T8 ECOLOGIC fluorescent lamps are designed to pass the Federal Toxicity Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states.

ECOLOGIC3 represents a more comprehensive approach to sustainability encompassing high efficiency, long life and RoHS/TCLP compliance.



Product Offering

Lamp Type	Wattage	CCT	CRI
F032/835XP/XL/ECO	32	3500K	85
F032/841XP/XL/ECO	32	4100K	85
F032/850XP/XL/ECO	32	5000K	80

Application Information

Applications

- General Lighting
- Industrial
- Office
- Retail
- Schools

Fixtures

Contact your local fixture agent for available fixtures.

Ballast Information

Contact your OSRAM SYLVANIA representative for a list of compatible electronic operating systems.

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 applications, use in enclosed fixture or use tube guards to maximize lamp performance
4. For rapid start operation, check with ballast manufacturer for ground plane requirement
5. For maximum energy savings, operate on electronic instant start ballasts
6. For maximum lamp life in occupancy sensor applications, operate on programmed rapid start ballast
7. These lamps may help facilitate compliance with national energy codes such as ASHRAE/IES 90.1 or IECC and state energy codes such as California Title 24. For more information contact your local building inspection office



Specification Data

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

Ordering Information

Item Number	Ordering Abbreviation	Watts	Bulb	Base	Nominal Length	Avg. Rated Life (hrs.) ¹	Initial Lumens	Mean Lumens ²	CCT	CRI
21576	F032/835XP/XL/ECO	32	T8	Med Bi-pin	48"	40,000	2950	2832	3500K	85
21577	F032/841XP/XL/ECO	32	T8	Med Bi-pin	48"	40,000	2950	2832	4100K	85
22002	F032/850XP/XL/ECO	32	T8	Med Bi-pin	48"	40,000	2950	2832	5000K	80

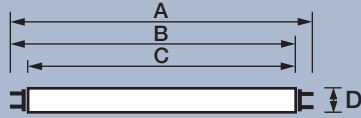
- Based on 3 hours per start on programmed rapid start ballasts. 12 hour per start life is 46,000 hours.
Life on instant start ballasts is 36,000 hours at 3 hours per start and 40,000 hours at 12 hours per start.
- 96% lumen maintenance at 40% of rated life.

Ordering Guide

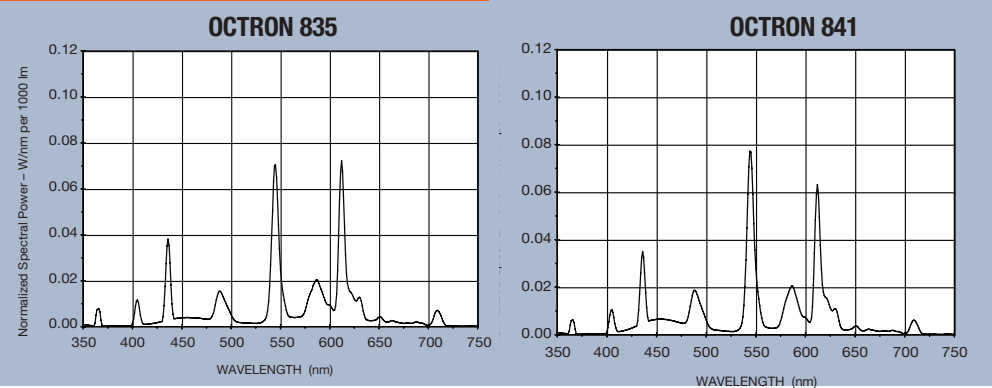
FO	32	/	835	XP / XL	/	ECO
Fluorescent	Wattage		≥80 CRI	Extended		ECOLOGIC
OCTRON	32		35 = 3500K 41 = 4100K 50 = 5000K	Performance Extended Life		

Lamp Dimensions

Lamp Type	(A) Max. Overall Length (in.)	(B) Base Face to Opposite Pin (in.)	(C) Max. Base Face to Base Face (in.)	(D) Max. Outside Diameter (in.)
F032	47.78"	Min. 47.40" Max. 47.50"	47.22"	1.1"



Technical Information



Sample Specification

Lamp(s) shall be (a) SYLVANIA OCTRON® F032/800XP®/XL/ECO® lamp(s) having medium bi-pin bases. Lamp shall pass the existing Federal TCLP limits. Lamp(s) shall have an average rated life of 40,000 hours, 2950 initial lumens, 2832 mean lumens at 8000 hours, a correlated color temperature of (3500K, 4100K or 5000K) and a CRI of (80, 85).

The OCTRON® lamps shall be operated on dedicated QUICKTRONIC® ballasts with complete system warranty from the manufacturer covering lamps and ballasts.

United States
OSRAM SYLVANIA
 100 Endicott Street
 Danvers, MA 01923

Trade
 Phone: 1-800-255-5042
 Fax: 1-800-255-5043

National Accounts
 Phone: 1-800-562-4671
 Fax: 1-800-562-4674

OEM/Special Markets
 Phone: 1-800-762-7191
 Fax: 1-800-762-7192

Display/Optic
 Phone: 1-888-677-2627
 Fax: 1-800-762-7192

Canada
OSRAM SYLVANIA LTD.
 2001 Drew Road
 Mississauga, ON L5S 1S4

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

OEM/Special Markets/Display/Optic
 Phone: 1-800-265-2852
 Fax: 1-800-667-6772

www.sylvania.com