



ECOLOGIC™ is a comprehensive program focused on addressing environmental issues at various stages of lamp life.



ECOLOGIC lamps are identified by green colored ink on the brand information ID near the end of the

OCTRON[®] ECOLOGIC™ Fluorescent Lamps

- Designed to pass Federal TCLP¹ test
- Energy efficient T8 lamp
- OCTRON 700 & 800 Series linear 2, 3 & 4' lamps
- Same performance as standard Octron lamps.
- Compatible with QUICKTRONIC² SYSTEM 32, 32PLUS and 32LP
- Available in 3000K, 3500K & 4100K
- FO32 available with 75 or 82 CRI
- FO17 & FO25 available with 75 CRI
- 20,000 hours average rated life

SYLVANIA OCTRON[®] T8 ECOLOGIC™ fluorescent lamps are designed to pass the Federal Toxic Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states³.

1: TCLP test results are available upon request.

2: QUICKTRONIC is registered trademark of OSRAM GmbH, Germany, used under license by OSRAM SYLVANIA Inc.

3: Lamp disposal regulations may vary, check your local & state regulations.

PRODUCT AVAILABILITY

Lamp Type	Wattage	Lumens	CRI
FO17/700/ECO	17	1325	75
FO25/700/ECO	25	2050	75
FO32/700/ECO	32	2800	75
FO32/800/ECO	32	2950	82

2 LAMP SYSTEM COMPARISONS

Lamp Type	Lamp Lumens	Ballast	Ballast Factor	System Wattage	System Lumens	Mean System Lumens	LPW	% Energy Savings
F40/D41	3200	Magnetic	0.95	86	6080	5290	62	0%
F40/CW/SS	2700	Magnetic	0.88	72	4750	4040	56	16%
FO32/800/ECO	2950	System 32	0.90	59	5310	4890	83	31%
FO32/800/ECO	2950	System 32 PLUS	1.20	78	7080	6510	83	9%
FO32/800/ECO	2950	System 32 LP	0.77	51	4240	4100	92	11%

APPLICATION INFORMATION

Applications

- Office
- Schools
- Retail
- Other general lighting

Application Notes

- Lamps starting down to 0° F (dependant on ballast). Operation below 50°F may effect lumen output or lamp operation.
- For cold temperature applications use in enclosed fixture or use tube to maximize lamp performance.
- For RS operation, check with ballast manufacturer for ground plane requirement.
- For maximum energy savings operate on electronic instant start ballast.

ORDERING AND SPECIFICATION INFORMATION
ECOLOGIC OCTRON 700 & 800 Series Linear T8 Fluorescent Lamps

Item Number	Ordering Abbreviation	Nominal Length (in)	Base	Bulb	Average Rated Life (Hours)*	Initial Lumens	Mean Lumens	Color Temp.	CRI
21918	FO17/730/ECO	24	Medium Bi-Pin	T8	20,000	1325	1193	3000K	75
21769	FO17/735/ECO	24	Medium Bi-Pin	T8	20,000	1325	1193	3500K	75
21770	FO17/741/ECO	24	Medium Bi-Pin	T8	20,000	1325	1193	4100K	75
21937	FO25/730/ECO	36	Medium Bi-Pin	T8	20,000	2050	1845	3000K	75
21941	FO25/735/ECO	36	Medium Bi-Pin	T8	20,000	2050	1845	3500K	75
21942	FO25/741/ECO	36	Medium Bi-Pin	T8	20,000	2050	1845	4100K	75
21997	FO32/730/ECO	48	Medium Bi-Pin	T8	20,000	2800	2520	3000K	75
21998	FO32/735/ECO	48	Medium Bi-Pin	T8	20,000	2800	2520	3500K	75
21999	FO32/741/ECO	48	Medium Bi-Pin	T8	20,000	2800	2520	4100K	75
21777	FO32/830/ECO	48	Medium Bi-Pin	T8	20,000	2950	2710	3000K	82
21779	FO32/835/ECO	48	Medium Bi-Pin	T8	20,000	2950	2710	3500K	82

ORDERING GUIDE

FO32/735/ECO

FO 32 / 7 35 / ECO
 Fluorescent 32 watts 7= 75 CRI, 30=3000K ECOLOGIC
 OCTRON 35=3500K
 41=4100K

FO32/841/ECO

FO 32 / 8 41 / ECO
 Fluorescent 32 watts 8= 82 CRI 30= 3000K ECOLOGIC
 Octron 35= 3500K
 41= 4100K

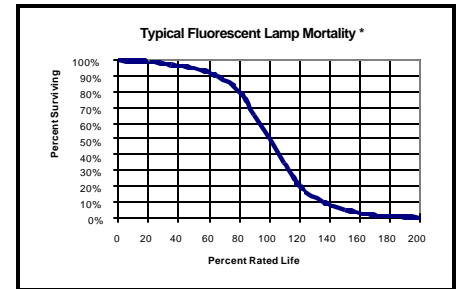
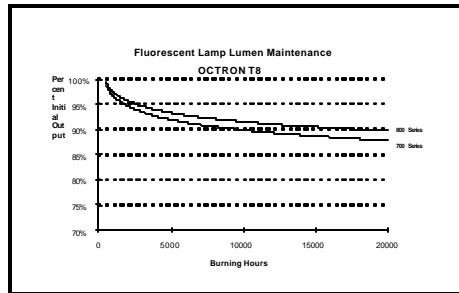
SAMPLE SPECIFICATION

Lamps shall be OCTRON ECOLOGIC (FO17/ECO, FO25/ECO, FO32/ECO) having medium bi-pin bases. Lamp shall be designed to pass the Federal TCLP test in force at the time of manufacture. Lamps shall have a correlated color temperature of (3000K, 3500K, or 4100K) and a CRI of (75 or 82). The OCTRON lamps shall be operated on dedicated QUICKTRONIC (System 32, 32LP or 32 PLUS) with complete system warranty from the manufacturer covering lamps and ballast.

TECHNICAL INFORMATION

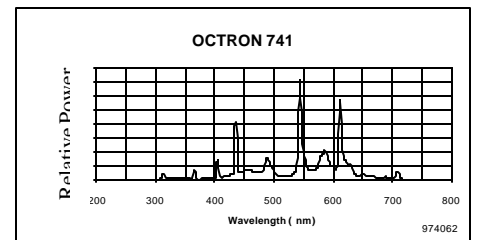
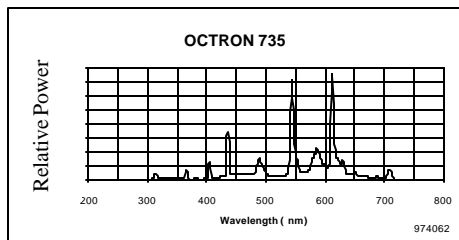
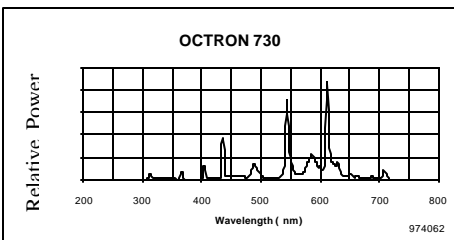
WARRANTY INFO

Quick 60+ OSRAM SYLVANIA lamp and ballast combination – Limited 30 month lamp warranty and a five year ballast warranty is possible if both lamps and ballast are provided by OSRAM SYLVANIA. See the Quick 60+ warranty for details.



* Source: IES Lighting Book

Spectral Power Distributions



FOR ORDERS AND GENERAL INFORMATION

OSRAM SYLVANIA National Customer Support Center, 18725 N. Union Street, Westfield, IN 46074

Industrial/Commercial

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

National Accounts

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

