

OCTRON® Four Foot FO30 XP® SUPERSAVER® ECOLOGIC® Fluorescent Lamps



- 30 Watt, 4-foot, SUPERSAVER energy saving, T8 lamp
- 6% energy savings compared to standard 32W T8 lamp
- ECOLOGIC – Designed to pass TCLP¹
- 94% lumen maintenance at 9600 hours
- 3000K, 3500K, 4100K & 5000K
- 85 CRI
- Retrofit lamp for existing T8 instant start systems
 - 18,000 hours average rated life @ 3 hours per start
 - 26,000 hours average rated life @ 12 hours per start
- Approved on OSRAM SYLVANIA QUICKTRONIC® PSX and PSN ballasts.
 - 24,000 hours average rated life at 3 hours per start
 - 30,000 hours average rated life @ 12 hours per start
- Minimum starting temperature: 60°F
- Not dimmable

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 states²



SYLVANIA 30 Watt OCTRON FO30 XP SUPERSAVER ECOLOGIC lamps operate on standard T8 instant start systems and provide 6% energy savings over standard 32 Watt OCTRON lamps. At \$.10 per kWh and 4000 hours of operation per year, the 6% energy savings translates to a savings of \$2.80 per fixture per year for a 4-lamp fixture with a normal ballast factor, instant start ballast. The initial lumen output and 94% lumen maintenance of the OCTRON FO30 XP SUPERSAVER ECOLOGIC lamp help assure that light levels are maintained while energy is saved. These lamps pass the Federal TCLP test, classifying them as non-hazardous waste in most states. Group relamp to realize the benefits of these OCTRON lamps in your facility.

1. TCLP test results are based on NEMA LL Series standards and are available on request.
2. Lamp disposal regulations may vary; check your local & state regulations.

Product Availability

Lamp Type	Wattage	Color Temperature	CRI
FO30/830XP/SS/ECO	30	3000K	85
FO30/835XP/SS/ECO	30	3500K	85
FO30/841XP/SS/ECO	30	4100K	85
FO30/850XP/SS/ECO	30	5000K	85

Application Information

Applications

Retail
Office
Schools
Hospitals
Industrial
Many applications with T8 instant start ballasts currently using 32W T8 lamps

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. Recommended to be used on T8 F32 Instant Start circuit with minimum starting voltage of 550V rms.
2. Not recommended to be used: (1) with Rapid Start circuits unless the open circuit voltage is greater than 550V, (2) at lamp ambient temperatures below 60°F or in drafty locations, (3) on low power factor ballasts or (4) dimming ballasts, unless the above equipment is specifically listed for 30W lamps. Any of the above situations could result in lamp starting and stabilization problems.
3. Can operate on QUICKTRONIC® PSX and PSN ballasts. 24,000 hours average rated life at 3 hours per start, 30,000 hours average rated life at 12 hours per start.
4. Fixture must conform to ANSI C78.1 – 1991 requirements for luminaire design.



Sample Specification

Lamp(s) shall be OCTRON® F030 XP® SUPERSAVER ECOLOGIC lamp(s) having medium bi-pin bases. Lamp(s) shall be designed to pass the Federal TCLP test in force at the time of manufacture. Lamp(s) shall have an average rated life of 18,000 hours at 3 hours per start when operated on T8 instant start ballasts, 2850 initial lumens, 94% lumen maintenance at 9600 hours, a correlated color temperature of (3000K, 3500K, 4100K or 5000K) and a CRI of 85. The OCTRON XP SUPERSAVER ECOLOGIC lamp(s) shall be operated on QUICKTRONIC® electronic, high frequency ballasts with complete system warranty from the manufacturer covering lamps and ballast.

Warranty Information

QUICK 60+® warranty for OSRAM SYLVANIA lamp and ballast combination
 Limited 36 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 and restrictions.

System Comparison

4-Lamp Instant Start Systems: F032/700/SS/ECO vs F032/700/ECO

Lamp Type	Initial Lumens	Average Rated Life (hrs.)	Ballast	Ballast Factor	System Watts	System Lumens @ 8000 hrs	Relative Lumens	Relative Lamp Life	% Energy Savings	LPW
F032/741/ECO	2800	15,000	4-lamp IS	.90	114	9070	100%	100%	-	80
F030/841XP/SS/ECO	2850	18,000	4-lamp IS	.90	107	9747	106%	120%	6%	91
F032/741/ECO	2800	15,000	4-lamp IS-L	.77	98	7761	100%	100%	-	79
F030/841XP/SS/ECO	2850	18,000	4-lamp IS-L	.77	92	8339	107%	120%	6%	91
F030/841XP/SS/ECO	2850	24,000	4-lamp PSX	.71	86	7689	99%	160%	12%	89

IS = Instant start, normal ballast factor

IS-L = Instant start, low ballast factor

Ordering and Specification Information

Item Number	Ordering Abbreviation	Watts	Bulb	Base	Initial Lumens	Mean Lumens ¹	Avg. Rated Life (hrs.) ²	CCT	CRI
22063	F030/830XP/SS/ECO	30	T8	Medium bi-pin	2850	2680	18,000	3000K	85
22060	F030/835XP/SS/ECO	30	T8	Medium bi-pin	2850	2680	18,000	3500K	85
22062	F030/841XP/SS/ECO	30	T8	Medium bi-pin	2850	2680	18,000	4100K	85
22202	F030/850XP/SS/ECO	30	T8	Medium bi-pin	2800	2630	18,000	5000K	85

1. Measured @ 9600 hours, 95% of initial lumens at 8000 hours.

2. Based on 3 hours per start on instant start ballasts. At 12 hours per start, average rated life = 26,000 hours on instant start ballasts.

Ordering Guide

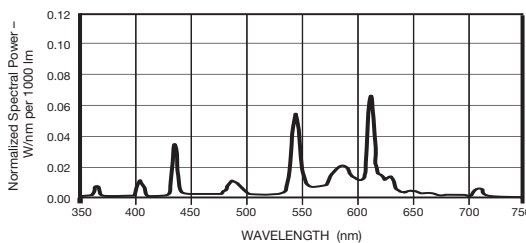
F0	30	/	8	35	XP	/	SS	/	ECO
Fluorescent OCTRON	Actual Wattage = 30		Actual CRI = 85	Color Temperature 30 = 3000K 35 = 3500K 41 = 4100K 50 = 5000K	EXtended Performance		SUPERSAVER Actual wattage = 30		ECOLOGIC

Dimensions

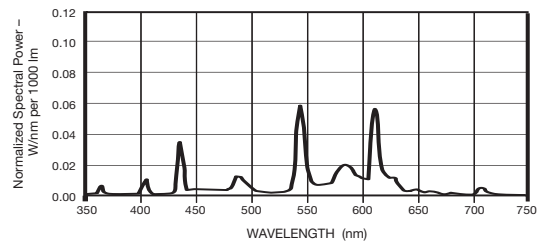
	(A) Maximum Overall Length (in.)	(B) Base Face to Opposite Pin (in.)	(C) Max. Base Face to Base Face (in.)	(D) Max. Outside Diameter (in.)
F030	47.78"	Min. 47.41" Max. 47.50"	47.22"	1.1"

Technical Information

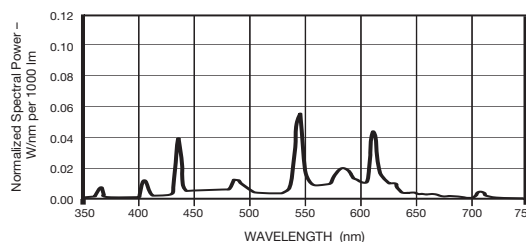
OCTRON 830



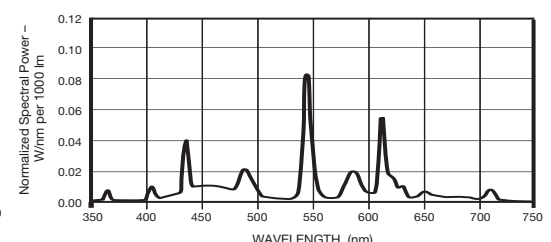
OCTRON 835



OCTRON 841



OCTRON 850



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