

# OCTRON® 700 XP® ECOLOGIC®

## EXtended Performance Fluorescent Lamps



SYLVANIA OCTRON® 700XP® ECOLOGIC® fluorescent lamps last up to 50% longer than standard 700 series T8 lamps. Longer life 700 XP series lamps reduce lamp maintenance cost by extending the re-lamp cycle.

OCTRON 700 XP ECO lamps deliver higher initial and maintained light levels and improved CRI over OCTRON 700 series lamps. For optimal performance and system warranty pair with QUICKTRONIC® electronic ballast systems.

### Key Features & Benefits

- Superior performance lamps for existing 700 series T8 instant start systems
  - Higher initial and mean lumens
  - 36,000 hours average life @ 12 hrs/start
  - Extend relamp cycles
  - Reduce lighting maintenance costs
- Longer life on programmed rapid start ballasts
  - 42,000 hours average life @ 12 hrs/start
- Comply with Department of Energy 2012 Efficacy Standards
- RoHS compliant
- Lead free glass
- Made in the USA
- QUICK 60+® system warranty when paired with QUICKTRONIC® electronic ballasts



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



### Product Offering

Lamp Type	Wattage	CCT
F032700XP/ECO	32	3000K, 3500K, 4100K

### Application Information

#### Applications

- Healthcare
- Industrial
- Office
- Retail
- Schools

#### 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 maximum energy savings, operate on electronic instant start ballasts.
5. For maximum lamp life in occupancy sensor applications, operate on programmed rapid start ballasts.



## Ordering Information

Item Number	Ordering Abbreviation	Watts	Nominal Length (in)	Initial Lumens	Mean Lumens	Lumens' per Watt	Average Rated Life				CCT	CRI
							Instant Start 3 hrs/ start	Instant Start 12 hrs/ start	Prog. Rapid Start 3 hrs/ start	Prog. Rapid Start 12 hrs/ start		
21711	F032/730/XP/ECO3	32	48	2850	2679	89	24,000	36,000	40,000	42,000	3000K	78
22044	F032/735/XP/ECO3	32	48	2850	2679	89	24,000	36,000	40,000	42,000	3500K	78
21712	F032/741/XP/ECO3	32	48	2850	2679	89	24,000	36,000	40,000	42,000	4100K	78

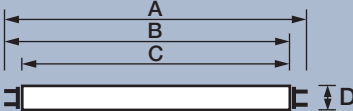
1. Measured at 40% of rated life.

## Ordering Guide

F0	32	/	7	30	XP	/	ECO
Fluorescent OCTRON	Wattage = 32		CRI = 78	Color Temperature 30 = 3000K CCT 35 = 3500K CCT 41 = 4100K CCT	EXtended Performance		ECOLOGIC

## 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. 47.70 Max. 47.50	47.22	1.1



## Related Literature

### For maximum energy savings consider pairing with the following electronic ballasts:

Ballast Technology Applications & Specification Guide (ECS-Electronic2009)  
 QUICK 60+® System Warranty (Literature code: ECS140)

## Specification Data

Fixture Description

Type

Project/Job

SYLVANIA lamp

SYLVANIA ballast

Notes

## Sample Specification

Lamp(s) shall be (a) SYLVANIA OCTRON® F032/700XP®/ECO® lamp(s) having medium bi-pin bases. Lamp shall pass the existing Federal TCLP limits. Lamps shall have an average rated life of (24,000, 36,000, 40,000) hours on (instant start, programmed rapid start ballasts), 2850 initial lumens, 2679 mean lumens, a correlated color temperature of (3000K, 3500K or 4100K) and a CRI of 78. The OCTRON lamps shall be operated on QUICKTRONIC® ballasts with complete system warranty from the manufacturer covering lamps and ballasts.

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