

OCTRON® 700 ECOLOGIC®

Fluorescent Lamps



OCTRON 700 ECOLOGIC T8 lamps offer a cost effective solution for general purpose fluorescent lighting applications. These lamps are available in a wide range of color temperatures: 3000K, 3500K and 4100K with good color rendering, lumen maintenance and long life. When paired with OSRAM QUICKTRONIC electronic ballasts, these systems are an economical alternative to T12 fluorescent systems and are covered by the comprehensive QUICK 60+ system warranty.

Key Features & Benefits

- TCLP and RoHS compliant
- OCTRON 700 Series linear 1.5, 2 and 5-foot lamps
- Lead-free glass
- Made in the USA
- Compatible with OSRAM QUICKTRONIC® electronic ballasts
- QUICK 60+® System Warranty

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

* Regulations may vary. Check your local and state regulations.



This light source meets restrictions on hazardous substances.



Product Offering

Ordering Abbreviation	Wattage	CCT
F013/700/ECO	15	3500K
F017/700/ECO	17	3000K, 3500K, 4100K
F025/700/ECO	25	3000K, 3500K, 4100K
F040/700/ECO	40	3000K, 3500K, 4100K

Application Information

Applications

- Cove
- Recessed troffer
- Strip light fixture
- Valance

Application Notes

1. Lamps starting down to -20°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 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 ballast.



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Information

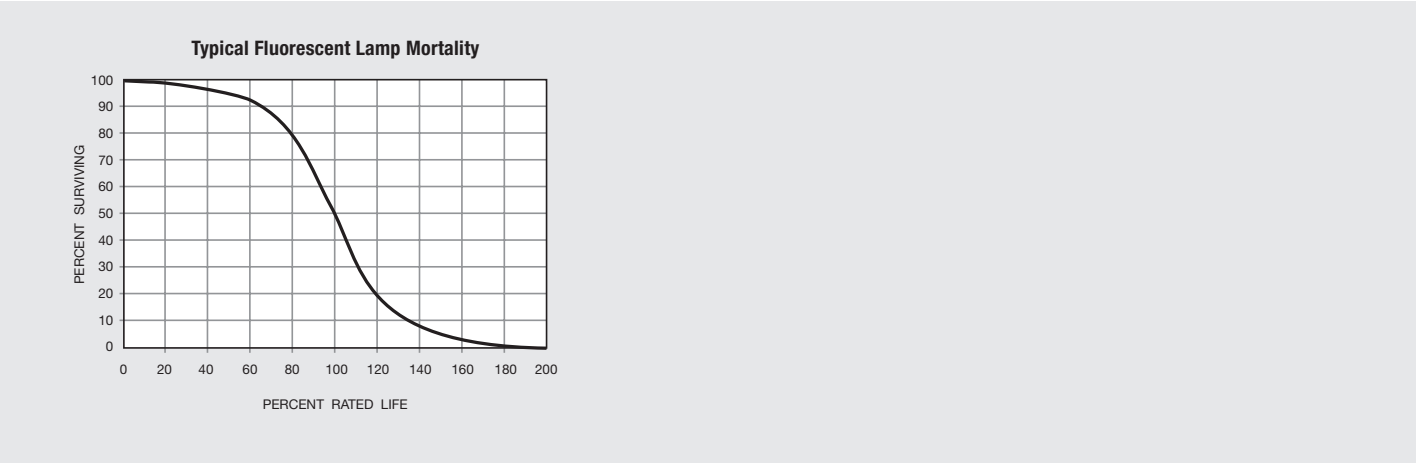
Item Number	Ordering Abbreviation	Nominal Length (in)	Base	Lamp Shape	Average Rated Life				Initial Lumens	Mean Lumens¹	CCT	CRI
					Instant Start		Programmed Rapid Start					
					3 hrs/start	12 hrs/start	3 hrs/start	12 hrs/start				
21666	F013/735/ECO	18	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	830	745	3500K	75
21918	F017/730/ECO	24	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	1,300	1,170	3000K	75
21769	F017/735/ECO	24	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	1,300	1,170	3500K	75
21770	F017/741/ECO	24	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	1,300	1,170	4100K	75
21937	F025/730/ECO	36	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	1,950	1,755	3000K	78
21941	F025/735/ECO	36	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	1,950	1,755	3500K	78
21942	F025/741/ECO	36	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	1,950	1,755	4100K	78
22102	F040/730/ECO	60	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	3,500	3,150	3000K	75
22103	F040/735/ECO	60	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	3,500	3,150	3500K	75
22104	F040/741/ECO	60	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	3,500	3,150	4100K	75

1. Mean lumens measured at 40% of rated life.

Ordering Guide

F0	32	/	7	35	/	ECO®
Fluorescent OCTRON	Wattage: 15, 17, 25 or 40 watts		7 = 75 CRI	30 = 3000K CCT 35 = 3500K CCT 41 = 4100K CCT		ECOLOGIC

Technical Information



Sample Specification

Lamp(s) shall be an OCTRON® ECOLOGIC® lamp(s) (F013/ECO, F017/ECO, F025/ECO, F032/ECO, F040/ECO or F096/ECO) having medium bi-pin or single pin base. Lamp(s) shall be designed to pass the Federal TCLP test in force at the time of manufacture. Lamp(s) shall have a correlated color temperature of (3000K, 3500K, 4100K, 5000K or 6500K) and a CRI of (75 or 78). The OCTRON lamp(s) shall be operated on dedicated OSRAM QUICKTRONIC® ballast(s) with complete system warranty from one manufacturer covering lamp(s) and ballast(s).

Related Literature

For maximum energy savings consider pairing with the following electronic ballast:

OSRAM Ballast Technology Applications & Specification Guide (Literature Code: ECS-SPECGUIDE2013)

QUICK 60+® System Warranty (Literature Code: ECS140)

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