

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, 4100K, 5000K and 6500K with good color rendering, lumen maintenance and long life. When paired with 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, 3, 4, 5 and 8-foot lamps
- Lead-free glass
- Made in the USA
- F032 available with 78 CRI and 6500K color temperature
- Compatible with QUICKTRONIC® electronic ballasts
- QUICK 60+® System Warranty

ECOLOGIC® is a comprehensive program of OSRAM 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
F032/700/ECO	32	3000K, 3500K, 4100K, 5000K, 6500K
F040/700/ECO	40	3000K, 3500K, 4100K
F096/700/ECO	59	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	Base	Lamp Shape	Rated Life				Initial Lumens	Mean Lumens ¹	CCT	CRI
					Instant Start 3 hrs/ start	12 hrs/ start	Programmed Rapid 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
21997	F032/730/ECO	48	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	2,600	2,390	3000K	78
21998	F032/735/ECO	48	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	2,600	2,390	3500K	78
21999	F032/741/ECO	48	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	2,600	2,390	4100K	78
22141	F032/750/ECO	48	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	2,550	2,345	5000K	78
22175	F032/765/ECO	48	Medium Bi-Pin	T8	24,000	28,000	30,000	35,000	2,550	2,345	6500K	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
22030	F096/730/ECO	96	Single Pin	T8	24,000	30,000			5,700	5,130	3000K	75
21737	F096/735/ECO	96	Single Pin	T8	24,000	30,000			5,700	5,130	3500K	75
21736	F096/741/ECO	96	Single Pin	T8	24,000	30,000			5,700	5,130	4100K	75

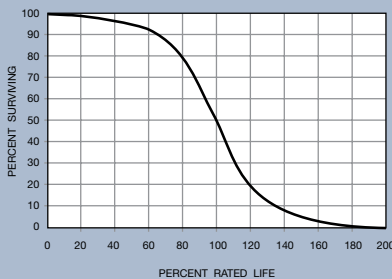
1. Mean lumens measured at 40% of rated life.

Ordering Guide

FO	32	/	7	35	/	ECO
Fluorescent	Wattage:		7 = 75-78 CRI	30 = 3000K CCT, 35 = 3500K CCT		ECOLOGIC
OCTRON	15, 17, 25, 32, 40 or 59 watts			41 = 4100K CCT, 50 = 5000K CCT 65 = 6500K CCT		

Technical Information

Typical Fluorescent Lamp Mortality



Related Literature

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

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

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

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 QUICKTRONIC® ballast(s) with complete system warranty from one manufacturer covering lamp(s) and ballast(s).

United States

OSRAM SYLVANIA
100 Endicott Street
Danvers, MA 01923
1-800-LIGHTBULB

Trade

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

National Accounts

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

OEM/Special Markets

Phone: 800-762-7191
Fax: 800-762-7192

Retail

Phone: 800-842-7010
Fax: 800-842-7011

SYLVANIA Lighting Services

Phone: 800-323-0572
Fax: 800-537-0784

Display/Optic

Phone: 888-677-2627
Fax: 855-543-1043

Canada

OSRAM SYLVANIA LTD.
2001 Drew Road
Mississauga, ON L5S 1S4
1-800-LIGHTBULB

Trade

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

OEM/Special Markets/Display/Optic

Phone: 800-265-2852
Fax: 800-667-6772

Retail

Phone: 800-720-2852
Fax: 800-667-6772

SYLVANIA Lighting Services

Phone: 800-663-4268
Fax: 866-239-1278

Mexico

OSRAM MEXICO

Tultitlan/Edo de Mexico
Phone: 011-52-55-58-99-18-50

ENCELIUM Technologies

United States

Phone: 201-928-2400
Fax: 201-928-4028

Canada

Phone: 905-731-7678
Fax: 905-731-1401

www.sylvania.com

/sylvania

/sylvania

SYLVANIA, OCTRON, ECOLOGIC and QUICK 60+ are registered trademarks of OSRAM SYLVANIA Inc.

SEE THE WORLD IN A NEW LIGHT is a registered trademark of OSRAM SYLVANIA Inc.

QUICKTRONIC is a registered trademark of OSRAM AG.

Specifications are subject to change without notice.