

OCTRON® 800 ECOLOGIC® Fluorescent Lamps



OCTRON 800 ECOLOGIC T8 lamps offer a high quality solution for general purpose fluorescent lighting applications where color is important. These lamps are available in a wide range of color temperatures: 3000K, 3500K, 4100K and 5000K that feature improved color rendering and lumen maintenance when compared to 700 series lamps. When paired with QUICKTRONIC electronic ballasts, these systems are a good alternative to T12 fluorescent systems and are covered by the comprehensive QUICK 60+ system warranty.

Key Features & Benefits

- Passes Federal TCLP test*
- Energy efficient T8 lamp
- Made in the USA
- Lead free
- RoHS compliant
- 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.



Product Offering

Ordering Abbreviation	Wattage	Lumens	CRI
F017/800/ECO	17	1350	82
F025/800/ECO	25	2150	82
F032/800/ECO	32	2950	85
F040/800/ECO	40	3650	82
F096/800/ECO	96	5900	82

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.



Ordering Information

Item Number	Ordering Abbreviation	Nominal Length	Initial Lumens	Mean Lumens ¹	Rated Life				CCT	CRI
					Instant Start		Programmed Rapid Start			
					3 hrs/ start	12 hrs/ start	3 hrs/ start	12 hrs/ start		
22135	F017/830/ECO	24	1,350	1,269	24,000	28,000	30,000	36,000	3000K	82
22136	F017/835/ECO	24	1,350	1,269	24,000	28,000	30,000	36,000	3500K	82
22137	F017/841/ECO	24	1,350	1,269	24,000	28,000	30,000	36,000	4100K	82
22138	F025/830/ECO	36	2,150	2,021	24,000	28,000	30,000	36,000	3000K	82
22139	F025/835/ECO	36	2,150	2,021	24,000	28,000	30,000	36,000	3500K	82
22140	F025/841/ECO	36	2,150	2,021	24,000	28,000	30,000	36,000	4100K	82
21777	F032/830/ECO	48	2,950	2,773	24,000	28,000	30,000	36,000	3000K	85
21779	F032/835/ECO	48	2,950	2,773	24,000	28,000	30,000	36,000	3500K	85
21781	F032/841/ECO	48	2,950	2,773	24,000	28,000	30,000	36,000	4100K	85
22143	F032/850/ECO	48	2,950	2,773	24,000	28,000	30,000	36,000	5000K	80
22144	F040/830/ECO	60	3,650	3,431	24,000	28,000	30,000	36,000	3000K	82
22145	F040/835/ECO	60	3,650	3,431	24,000	28,000	30,000	36,000	3500K	82
22146	F040/841/ECO	60	3,650	3,431	24,000	28,000	30,000	36,000	4100K	82
22147	F096/830/ECO	96	5,900	5,428	18,000	24,000			3000K	82
22148	F096/835/ECO	96	5,900	5,428	18,000	24,000			3500K	82
22149	F096/841/ECO	96	5,900	5,428	18,000	24,000			4100K	82
22173	F096/850/ECO	96	5,900	5,428	18,000	24,000			5000K	82

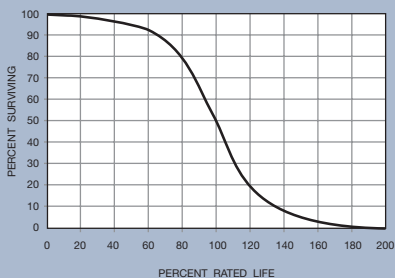
1. Mean lumens measured at 40% of rated life.

Ordering Guide

FO	32	/	8	35	/	ECO
Fluorescent OCTRON	Wattage: 17, 25, 32, 40 or 96 watts		8 = 80–85 CRI	30 = 3000K CCT 35 = 3500K CCT 41 = 4100K CCT 50 = 5000K CCT		ECOLOGIC

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-Electronic2009)

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

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QUICKTRONIC is a registered trademark of OSRAM GmbH.

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Specification Data

Catalog #	
Type	
Project	
Comments	
Prepared by	
Date	

Sample Specification

Lamp(s) shall be an OCTRON[®] ECOLOGIC[®] lamp(s) (F017/ECO, F025/ECO, F032/ECO, F040/ECO and F096/ECO) 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 a correlated color temperature of (3000K, 3500K, 4100K or 5000K) and a CRI of (80, 82 or 85). 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).

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