

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 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.

Benefits and Features

- Passes Federal TCLP test*
- Energy efficient T8 lamp
- Lead free
- RoHS compliant
- Compatible with QUICKTRONIC® electronic ballasts

Application Usage

- Cove
- Recessed troffer
- Strip light fixture
- Valance



Product Offering

Ordering Abbreviation	Watts	Lumens	CRI
FO17/800/ECO	17	1350	82
FO25/800/ECO	25	2150	82
FO32/800/ECO	32	2925	85
FO40/800/ECO	40	3650	82
FO96/800/ECO	59	5900	82

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

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



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

F0	32	/	8	35	/	ECO
Fluorescent OCTRON®	Wattage: 17, 25, 32, 40 or 59 watts		8 = 80-85 CRI	30 = 3000K 35 = 3500K 41 = 4100K 50 = 5000K 65 = 6500K		ECOLOGIC

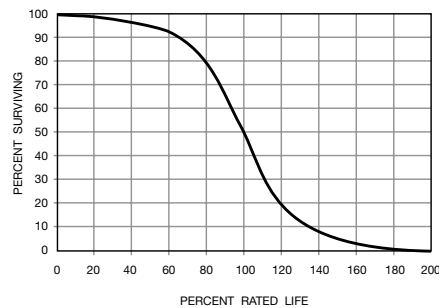
Ordering Information

Item Number	Ordering Abbreviation	Nominal Length (in)	Initial Lumens	Mean Lumens ¹	Average Rated Life				CCT	CRI
					Instant Start 3 hrs/start	12 hrs/start	Programmed 3 hrs/start	Rapid Start 12 hrs/start		
22135	F017/830/ECO	24	1,350	1,270	24,000	28,000	30,000	36,000	3000K	82
22136	F017/835/ECO	24	1,350	1,270	24,000	28,000	30,000	36,000	3500K	82
22137	F017/841/ECO	24	1,350	1,270	24,000	28,000	30,000	36,000	4100K	82
22138	F025/830/ECO	36	2,150	2,020	24,000	28,000	30,000	36,000	3000K	82
22139	F025/835/ECO	36	2,150	2,020	24,000	28,000	30,000	36,000	3500K	82
22140	F025/841/ECO	36	2,150	2,020	24,000	28,000	30,000	36,000	4100K	82
21777	F032/830/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	3000K	85
21779	F032/835/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	3500K	85
21781	F032/841/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	4100K	85
22143	F032/850/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	5000K	80
24811	F032/865/ECO	48	2,850	2,680	21,000	30,000	30,000	36,000	6500K	80
22144	F040/830/ECO	60	3,650	3,430	24,000	28,000	30,000	36,000	3000K	82
22145	F040/835/ECO	60	3,650	3,430	24,000	28,000	30,000	36,000	3500K	82
22146	F040/841/ECO	60	3,650	3,430	24,000	28,000	30,000	36,000	4100K	82
22148	F096/835/ECO	96	5,900	5,430	18,000	24,000			3500K	82
22149	F096/841/ECO	96	5,900	5,430	18,000	24,000			4100K	82
22173	F096/850/ECO	96	5,900	5,430	18,000	24,000			5000K	82

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

Technical Information

Typical Fluorescent Lamp Mortality



Sample Specification

Lamp(s) shall be an OCTRON® ECOLOGIC® lamp(s) (FO17/ECO, FO25/ECO, FO32/ECO, FO40/ECO and FO96/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, 5000K or 6500K) and a CRI of (80, 82 or 85). The OCTRON lamp(s) shall be operated on dedicated QUICKTRONIC® ballast(s).

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 guard 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.

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