OCTRON® 800 ECOLOGIC®

Fluorescent Lamps

Key Features & Benefits

- Passes Federal TCLP test*
- Energy efficient T8 lamp
- Lead free
- RoHS compliant
- 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.

RoHS compliant
This light source meets restrictions on hazardous substances consistent with CA AB1109.

ECOLOGIC®

LEAD-FREE

MADE IN USA
with US and imported parts

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 OSRAM QUICKTRONIC electronic ballasts, these systems are a good alternative to T12 fluorescent systems and are covered by the comprehensive QUICK 60+ system warranty.

Product Offering

Ordering Abbreviation	Watts	Lumens	CRI
F017/800/ECO	17	1350	82
F025/800/ECO	25	2150	82
F032/800/ECO	32	2925	85
F040/800/ECO	40	3650	82
F096/800/ECO	59	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 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.

SYLVANIA

Specification Data

Fixture Description	Type
Project/Job	
SYLVANIA lamp	
OSRAM ballast	
Notes	

Ordering Information

Item Number	Ordering Abbreviation	Nominal Length (in)	Initial Lumens	Mean Lumens[1]	Average Rated Life: Instant Start 3 hrs/start	Instant Start 12 hrs/start	Programmed Rapid Start 3 hrs/start	Programmed Rapid Start 12 hrs/start	CCT	CRI
22135	FO17/830/ECO	24	1,350	1,270	24,000	28,000	30,000	36,000	3000K	82
22136	FO17/835/ECO	24	1,350	1,270	24,000	28,000	30,000	36,000	3500K	82
22137	FO17/841/ECO	24	1,350	1,270	24,000	28,000	30,000	36,000	4100K	82
22138	FO25/830/ECO	36	2,150	2,020	24,000	28,000	30,000	36,000	3000K	82
22139	FO25/835/ECO	36	2,150	2,020	24,000	28,000	30,000	36,000	3500K	82
22140	FO25/841/ECO	36	2,150	2,020	24,000	28,000	30,000	36,000	4100K	82
21777	FO32/830/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	3000K	85
21779	FO32/835/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	3500K	85
21781	FO32/841/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	4100K	85
22143	FO32/850/ECO	48	2,925	2,750	21,000	30,000	30,000	36,000	5000K	80
24811	FO32/865/ECO	48	2,850	2,680	21,000	30,000	30,000	36,000	6500K	80
22144	FO40/830/ECO	60	3,650	3,430	24,000	28,000	30,000	36,000	3000K	82
22145	FO40/835/ECO	60	3,650	3,430	24,000	28,000	30,000	36,000	3500K	82
22146	FO40/841/ECO	60	3,650	3,430	24,000	28,000	30,000	36,000	4100K	82
22147	FO96/830/ECO	96	5,900	5,430	18,000	24,000			3000K	82
22148	FO96/835/ECO	96	5,900	5,430	18,000	24,000			3500K	82
22149	FO96/841/ECO	96	5,900	5,430	18,000	24,000			4100K	82
22173	FO96/850/ECO	96	5,900	5,430	18,000	24,000			5000K	82

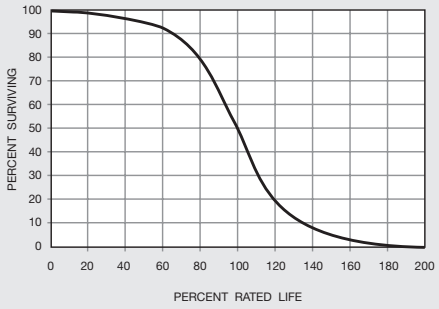
1. Mean Lumens measured at 40% of rated life.

Ordering Guide

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

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 OSRAM QUICKTRONIC® ballast(s) with complete system warranty covering lamp(s) and ballast(s).

Related Literature

For optimum system performance and warranty pair with these QUICKTRONIC Ballast Systems:

OSRAM Ballast Technology Applications & Specification Guide (Literature Code: ECS-ELECTRONIC2013)

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

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