

OCTRON® 950

Fluorescent Lamps

SYLVANIA OCTRON 950 lamps are ideal for color critical applications. These full spectrum 5000K, 90CRI OCTRON T8 lamps provide exceptional color rendering properties for display, backlighting and other color matching applications.

Key Features & Benefits

- Full spectrum T8 lamps
- Excellent color rendering – 90 CRI
- 5000K color temperature
- Energy efficient retrofit for T12 lamps
 - Up to 40% energy savings

Application Information

Applications

Color Matching

- Graphic arts
- Textile industry

Backlighting

- Displays
- Signs

Application Notes

1. Lamps starting down to 0°F (dependant 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.



Product Offering

Lamp Types	Wattage	CCT
F032/950/48in	32	5000K



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Information

Item Number	Ordering Abbreviation	Wattage	Initial Lumens	Mean* Lumens	Average Rated Life				Color Temp.	CRI
					Instant Start 3 hrs/start	Instant Start 12 hrs/start	Programmed Rapid Start 3 hrs/start	Programmed Rapid Start 12 hrs/start		
21880	F032/950/48IN	32	1880	1530	15,000	24,000	20,000	28,000	5000K	90

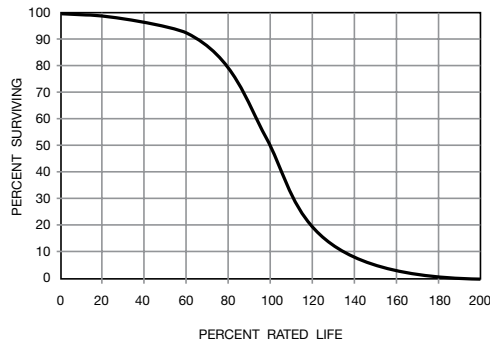
*Measured at 40% of rated life.

Ordering Guide

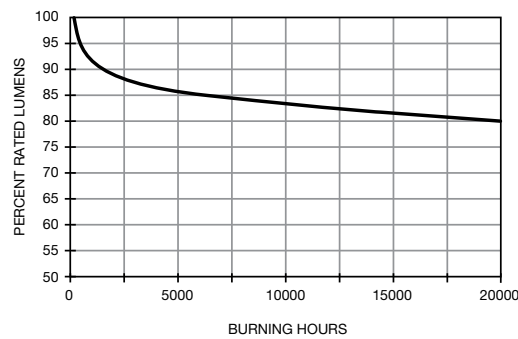
F0	32	/	9	50	/	48
Fluorescent OCTRON®	Wattage:32		9 = 90 CRI	50 = 5000K		Bulb length

Technical Information

Typical Fluorescent Lamp Mortality

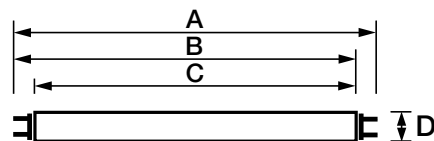


Lumen Maintenance Curve



Lamp Dimensions

Ordering Abbreviation	(A) Max. Overall Length (in.)	(B) Base Face to Opposite Pin (in.)	(C) Base Face to Base Face (in.)	(D) Max. Outside Diameter (in.)
F032/950/48IN	47.78	47.22	47.50	1.1



Sample Specification

Lamp shall be an OCTRON® 950 fluorescent lamp having medium bi-pin bases. Lamp shall have a correlated color temperature of 5000K and a CRI of 90. Lamp length shall be (48"). Lamps shall be operated on a (magnetic rapid start, electronic instant start, electronic rapid start) ballast.

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