SAFELINE®

Shatter-Resistant Coated Fluorescent Lamps

Key Features & Benefits

- SAFELINE – shatter-resistant coated lamps:
  - Help contain glass and other lamp components in case of breakage

SYLVANIA SAFELINE fluorescent lamps have a shatter-resistant coating to help contain glass and other lamp components should the lamps be accidentally broken. The coating helps prevent glass and other lamp components from contaminating product and is easily cleaned with standard cleaning products. Applications for SAFELINE fluorescent lamps include food processing, preparation and serving areas, hospitals, gymnasiums, elevators, manufacturing plants and other applications where it may be desirable to use coated lamps.

Product Offering

OCTRON® ECOLOGIC®
OCTRON® XP®, XV®, XPS, XP/SUPERSAVER® ECOLOGIC
PENTRON®
PENTRON High Output
T12

Application Information

Applications where coated lamps are used:

- Bakeries
- Cafeterias
- Dairies
- Elevators
- Food processing plants
- Grocery stores
- Gymnasiums
- Hospitals
- Manufacturing plants
- Restaurants
- Schools

Application Notes

1. Lamp starting down to 0°F possible (ballast dependent). Operation below 50°F may affect lumen output or lamp operation.
2. Average rated lamp life and rated lumens based on operation on ANSI reference ballasts.
3. Lamps must be used in ambient temperatures below 135°F.
4. For use in open fixtures.
5. Lamps satisfy the criteria of having a non-shattering covering for prevention of glass and other lamp components in your product by containing them within the safety coating material. The covering must remain intact or the lamp must be replaced to be in compliance. An onsite inspector will require correction if the lamps are not installed or maintained properly.
6. Lamps must not be used with defective ballasts, sockets or improperly wired fixtures.
7. Lamps must be used with sockets that provide adequate lamp pin to socket contact.
8. Intended for indoor use only.

SYLVANIA

Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Information

Item Number	Ordering Abbreviation	Watts	Bulb	Base	Nominal Length	Rated Life: Instant Start 3 hrs/start	Rated Life: Instant Start 12 hrs/start	Rated Life: Programmed Rapid Start 3 hrs/start	Rated Life: Programmed Rapid Start 12 hrs/start	Initial Lumens	Mean Lumens	CCT	CRI
OCTRON®													
22271	FO17/835/XP/ECO3/SL	17	T8	Medium Bi-Pin	24"	24,000	40,000	40,000	42,000	1350	1270	3500K	85
22273	FO25/835/XP/ECO3/SL	25	T8	Medium Bi-Pin	36"	24,000	40,000	40,000	42,000	2130	2025	3500K	85
22279	FO28/835/XP/SS/ECO3/SL	28	T8	Medium Bi-Pin	48"	24,000	40,000	40,000	42,000	2670	2535	3500K	85
21948	FO28/841/XP/SS/ECO3/SL	28	T8	Medium Bi-Pin	48"	24,000	40,000	40,000	42,000	2670	2535	4100K	85
21430	FO32/835/XV/ECO/SL	32	T8	Medium Bi-Pin	48"	24,000	40,000	40,000	42,000	2850	2680	3500K	83
22387	FO32/841/XPS/ECO3/SL	32	T8	Medium Bi-Pin	48"	24,000	40,000	40,000	42,000	3040	2885	4100K	85
22278	FO32/841/XP/ECO3/SL	32	T8	Medium Bi-Pin	48"	24,000	40,000	40,000	42,000	2940	2790	4100K	85
22389	FO32/850/XPS/ECO3/SL	32	T8	Medium Bi-Pin	48"	24,000	40,000	40,000	42,000	3040	2885	5000K	81
22142	FO32/850/XP/ECO/SL	32	T8	Medium Bi-Pin	48"	24,000	40,000	40,000	42,000	2940	2790	5000K	85
22281	FO40/835/XP/ECO3/SL	40	T8	Medium Bi-Pin	60"	24,000	40,000	40,000	42,000	3675	3455	3500K	85

Item Number	Ordering Abbreviation	Watts	Bulb	Base	Nominal Length	Rated Life: Programmed Rapid Start 3 hrs/start	Rated Life: Programmed Rapid Start 12 hrs/start	Initial Lumens	Mean Lumens	CCT	CRI
PENTRON®											
21027	FP21/835/ECO/SL	21	T5	Miniature Bi-Pin	36"	25,000		1860	1730	3500K	85
21034	FP28/835/ECO/SL	28	T5	Miniature Bi-Pin	48"	30,000		2550	2370	3500K	85
20051	FP54/50W/841/HO/SS/ECO/SL	50	T5	Miniature Bi-Pin	48"	30,000	40,000	4850	4510	4100K	85
21020	FP54/835/HO/ECO/SL	54	T5	Miniature Bi-Pin	48"	30,000	40,000	4850	4510	3500K	85
21021	FP54/841/HO/ECO/SL	54	T5	Miniature Bi-Pin	48"	30,000	40,000	4850	4510	4100K	85
21022	FP54/850/HO/ECO/SL	54	T5	Miniature Bi-Pin	48"	30,000	40,000	4755	4420	5000K	85

Item Number	Ordering Abbreviation	Watts	Bulb	Base	Nominal Length	Rated Life 3 hrs/start	Initial Lumens	Mean Lumens	CCT	CRI
T12										
25283	F72T12/D835/HO/SL	85	T12	Recessed DC	72"	10,000	6620	6090	3500K	80

Ordering Guide

FO	32	/	7	35	/	HO	/	/ ECO3	ECO SL
F = Fluorescent	Length (") for F72		7 = 75 CRI 8 ≥ 85 CRI	30 = 3000K 35 = 3500K 41 = 4100K 50 = 5000K		(if present) HO = High Output		(if present) TCLP compliant ECOLOGIC® or ECOLOGIC3	SAFELINE – coated lamp
FO = Fluorescent OCTRON	Wattage for OCTRON T8 Types								
FP = Fluorescent PENTRON	Wattage for PENTRON T5 Types								

Sample Specification

Lamp(s) shall be SYLVANIA SAFELINE® coated lamp(s) with (medium bi-pin, single pin, recessed double contact, miniature bi-pin) bases. Lamp(s) shall have a color temperature of (3500K, 4100K or 5000K) and a CRI of (80 or 85). Lamp(s) shall have shatter-resistant coating to help contain glass and other lamp components within the safety coating material in the event a lamp is accidentally broken. The coating product shall meet UL standards for impact and flammability.

Related Literature

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

OSRAM Ballast Technology Applications & Specification Guide (Literature Code: ECS-SPECGUIDE2013)
LEDVANCE warranties the SYLVANIA lamp for the life of the lamp. No warranty is offered on the coating.

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SYLVANIA