

Linear Fluorescent 2-foot T8 bulbs



Models at the top of the list below are most long-lasting and energy-efficient.

Products below meet these criteria for bulbs SF City staff are required to buy:

1. Run on energy-efficient electronic ballasts.
2. Have 80+ Color Rendering Index for energy efficiency and performance.
3. Have a rated life of at least 18,000 hours (which is when 50% of the bulbs fail when tested on electronic instant start ballasts based on 3-hour start cycles).
4. Have no more than 3.5 mg of toxic mercury. Bulbs complying with European Union's Restriction of Hazardous Substances (RoHS) Directive are lead-free.

Basic info		Buy it (Replacing a bulb? You don't have to use the same brand. Ask vendors if products below can be used.)	Hours it might last	Brightness		Toxicity	Sample Ordering Code for a bulb that helps your eyes see better (cool white / color temperature 4100K)	Notes
Manufacturer	Product line	For SF City depts.: contact approved vendors below. Then check prices here.	Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)*	Energy efficiency (Brightness/ lumens per watt (higher = more efficient))	Maximum mercury		
Philips	17-watt 800 Series PLUS ALTO	Troy.Vaughn@regencylighting.com, 415-845-2269	30,000	1400	82.4	1.7 mg	F17T8/TL841/PLUS/ALTO	
Philips	17-watt Advantage ALTO	Troy.Vaughn@regencylighting.com, 415-845-2269	24,000	1500	88.2	1.7 mg	F17T8/ADV841/ALTO	
Philips	17-watt 800 Series ALTO	Troy.Vaughn@regencylighting.com, 415-845-2269	24,000	1400	82.4	1.7 mg	F17T8/TL841/ALTO	
Sylvania	17-watt OCTRON 800 XPS Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	1400	82.4	2.9 mg	FO17/841/XPS/ECO3	
Sylvania	17-watt OCTRON 800 XP Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	1375	80.9	3.5 mg	FO17/841/XP/ECO3	
GE	15-watt XL SPX Watt-Miser (WM) Ecolux	nsmith@omegapacific.com, 415-642-2195	24,000	1200	80.0	2.95 mg	F17T8XL/XPX41/WM/ECO	
Sylvania	15-watt OCTRON 800 XP SUPERSAVER (SS) Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	1200	80.0	2.9 mg	FO17/15W/841/XP/SS/ECO3	

*Initial lumens may be different for 5000K or 6500K lamps

Basic info		Buy it (Replacing a bulb? You don't have to use the same brand. Ask vendors if products below can be used.)	Hours it might last	Brightness		Toxicity	Sample Ordering Code for a bulb that helps your eyes see better (cool white / color temperature 4100K)	Notes
Manufacturer	Product line	For SF City depts.: contact approved vendors below. Then check prices here.	Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)*	Energy efficiency (Brightness/ lumens per watt (higher = more efficient))	Maximum mercury		
Sylvania	17-watt OCTRON 800 Ecologic	armand@maltbyelectric.com, 415-863-5000	24,000	1350	79.4	3.5 mg	FO17/841/ECO	
GE	17-watt XL SPX Ecolux CVG	nsmith@omegapacific.com, 415-642-2195	18,000	1310	77.1	2.95 mg	F17T8/XL/XPX41/ECO/C VG	CVG = covRguard Shatter resistant coating; only compliant model=5000k

Linear Fluorescent 3-foot T8 bulbs



Models at the top of the list below are most long-lasting and energy-efficient.

Products below meet these criteria for bulbs SF City staff are required to buy:

1. Run on energy-efficient electronic ballasts.
2. Have 80+ Color Rendering Index for energy efficiency and performance.
3. Have a rated life of at least 18,000 hours (which is when 50% of the bulbs fail when tested on electronic instant start ballasts based on 3-hour start cycles).
4. Have no more than 3.5 mg of toxic mercury. Bulbs complying with European Union's Restriction of Hazardous Substances (RoHS) Directive are lead-free.

Basic info		Buy it (Replacing a bulb? You don't have to use the same brand. Ask vendors if products below can be used.)	Hours it might last	Brightness		Toxicity	Sample Ordering Code for a bulb that helps your eyes see better (cool white / color temperature 4100K)	Notes
Manufacturer	Product line	For SF City depts.: contact approved vendors below. Then check prices here.	Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)*	Energy efficiency (Brightness/ lumens per watt (higher = more efficient))	Maximum mercury		
Philips	25-watt 800 Series PLUS ALTO	Troy.Vaughn@regencylighting.com, 415-845-2269	30,000	2225	89.0	1.7 mg	F25T8/TL841/PLUS/ALTO	
Philips	25-watt Advantage ALTO	Troy.Vaughn@regencylighting.com, 415-845-2270	24,000	2380	95.2	1.7 mg	F25T8/ADV841/ALTO	
Sylvania	21-watt OCTRON 800 XP SUPERSAVER (SS) Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	1925	91.7	2.9 mg	FO25/21W/841/XP/SS/ECO3	
Philips	25-watt 800 Series ALTO	Troy.Vaughn@regencylighting.com, 415-845-2269	24,000	2225	89.0	1.7 mg	F25T8/TL841/ALTO	
Sylvania	25-watt OCTRON 800 XPS Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	2200	88.0	2.9 mg	FO25/841/XPS/ECO3	
GE	22-watt XL SPX Watt-Miser (WM) Ecolux	nsmith@omegapacific.com, 415-642-2195	24,000	1925	87.5	2.95	F25T8/XL/XPX41/WM/ECO	

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Manufacturer	Product line	For SF City depts.: contact approved vendors below. Then check prices here.	Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)*	Energy efficiency (Brightness/ lumens per watt (higher = more efficient))	Maximum mercury		
Sylvania	25-watt OCTRON 800 XP Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	2175	87.0	3.5 mg	FO25/841/XP/ECO3	
Sylvania	25-watt OCTRON 800 Ecologic	armand@maltbyelectric.com, 415-863-5001	24,000	2150	86.0	3.5 mg	FO25/841/ECO	
GE	25-watt XL SPX Ecolux	nsmith@omegapacific.com, 415-642-2195	18,000	2150	86.0	2.95	F25T8/XL/XPX41/ECO	
GE	25-watt XL SPX Ecolux CVG	nsmith@omegapacific.com, 415-642-2196	18,000	2080	83.2	2.95	F25T8/XL/XPX41/ECO/CVG	CVG= covRguard Shatter resistant coating; only compliant model=5000k

Linear Fluorescent 5-foot T8 bulbs



Products below meet these criteria for bulbs SF City staff are required to buy:

1. Run on energy-efficient electronic ballasts.
2. Have 80+ Color Rendering Index for energy efficiency and performance.
3. Have a rated life of at least 18,000 hours (which is when 50% of the bulbs fail when tested on electronic instant start ballasts based on 3-hour start cycles).
4. Have no more than 10 mg of toxic mercury. Bulbs complying with European Union's Restriction of Hazardous Substances (RoHS) Directive are lead-free.

Basic info		Buy it (Replacing a bulb? You don't have to use the same brand. Ask vendors if products below can be used.)	Hours it might last	Brightness		Toxicity	Sample Ordering Code for a bulb that helps your eyes see better (cool white / color temperature 4100K)
Manufacturer	Product line	For SF City depts.: contact approved vendors below. Then check prices here.	Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)	Energy efficiency (Brightness/ lumens per watt (higher = more efficient))	Maximum mercury	
Sylvania	40-watt OCTRON 800 XP Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	3750	93.8	3.5 mg	FO40/841/XP/ECO3
Philips	40-watt 800 ALTO	Troy.Vaughn@regencylighting.com, 415-845-2269	24,000	3725	93.125	3.5 mg	F40T8/TL841/ALTO
Sylvania	40-watt OCTRON 800 Ecologic	armand@maltbyelectric.com, 415-863-5000	24,000	3650	91.3	3.5 mg	FO40/841/ECO

Linear Fluorescent 6-foot T8 bulbs



Products below meet these criteria for bulbs SF City staff are required to buy:

1. Run on energy-efficient electronic ballasts.
2. Have 80+ Color Rendering Index for energy efficiency and performance.
3. Have a rated life of at least 18,000 hours (which is when 50% of the bulbs fail when tested on electronic instant start ballasts based on 3-hour start cycles).
4. Have no more than 10 mg of toxic mercury. Bulbs complying with European Union's Restriction of Hazardous Substances (RoHS) Directive are lead-free.

No GE or Philips 6-foot T8 models were found.

Basic info		Buy it (Replacing a bulb? You don't have to use the same brand. Ask vendors if products below can be used.)	Hours it might last	Brightness		Toxicity	Sample Ordering Code for a bulb that helps your eyes see better (cool white / color temperature 4100K)	Notes
Manufacturer	Product line	For SF City depts.: contact approved vendors below. Then check prices here.	Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)	Energy efficiency (Brightness/ lumens per watt (higher = more efficient))	Maximum mercury		
Sylvania	44-watt OCTRON 800 XP Ecologic	armand@maltbyelectric.com, 415-863-5000	24,000	4650	105.7	3.5 mg	FO72/841/XP/ECO	These lamps run on instant start ballasts only.

Linear Fluorescent 8-foot T8 bulbs



Models at the top of this table are most long-lasting and energy-efficient.

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2. Have 80+ Color Rendering Index for energy efficiency and performance.
3. Have a rated life of at least 18,000 hours (which is when 50% of the bulbs fail when tested on electronic instant start ballasts based on 3-hour start cycles).
4. Have no more than 10 mg of toxic mercury. Bulbs complying with European Union's Restriction of Hazardous Substances (RoHS) Directive are lead-free.

None of the 8-foot GE T8s meet both the SFApproved energy efficiency/CRI AND low-mercury criteria.

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Manufacturer	Product line			Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)*			
Sylvania	50-watt OCTRON 800 XP SUPERSAVER (SS) Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	5400	108.0	8.5 mg	FO96/50W/841/XP/SS/ECO3	
Sylvania	54-watt OCTRON 800 XP SUPERSAVER (SS) Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	5700	105.6	8.5 mg	FO96/54W/841/XP/SS/ECO3	
Philips	51-watt Energy Advantage ALTO Slimline	Troy.Vaughn@regencylighting.com, 415-845-2269	24,000	5300	103.9	4.4 mg	F96T8/ADV841/XEW/AL TO 51W	
Sylvania	59-watt OCTRON 800 XP Ecologic3	armand@maltbyelectric.com, 415-863-5000	24,000	6100	103.4	8.5 mg	FO96/841/XP/ECO3	

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Manufacturer	Product line	For SF City depts.: contact approved vendors below. Then check prices here.	Rated Life (When tested on Instant Start Ballasts with 3-hour starts)	Lumens: Initial (Brightness when first installed)*	Energy efficiency (Brightness/ lumens per watt (higher = more efficient))	Maximum mercury		
Sylvania	50-watt OCTRON 800 XV Ecologic	armand@maltbyelectric.com, 415-863-5000	24,000	5100	102.0	8.5 mg	FO96/50W/841/XV/SS/ECO	OCTRON 800 XV (Extended Value) Ecologic T8 lamps are less bright than equivalent wattage 800 XP SUPERSAVER models but avoid expensive rare earth phosphors.
Sylvania	54-watt OCTRON 800 XV Ecologic	armand@maltbyelectric.com, 415-863-5000	24,000	5400	100.0	8.5 mg	FO96/54W/841/XV/SS/ECO	OCTRON 800 XV (Extended Value) Ecologic T8 lamps are less bright than equivalent wattage 800 XP SUPERSAVER models but avoid expensive rare earth phosphors.
Philips	59-watt 800 PLUS ALTO Slimline	Troy.Vaughn@regencylighting.com, 415-845-2269	24,000	5900	100.0	4.4 mg	F96T8/TL841/PLUS/ALTO	
Philips	86-watt 800 PLUS High-Output (HO) ALTO	Troy.Vaughn@regencylighting.com, 415-845-2269	24,000	8200	95.3	4.4 mg	F96T8/TL841/HO/PLUS/ALTO	
Sylvania	59-watt OCTRON 800 Ecologic	armand@maltbyelectric.com, 415-863-5000	18,000	5900	100.0	8.5 mg	FO96/841/ECO	
Sylvania	86-watt OCTRON 800 High-output (HO) Ecologic	armand@maltbyelectric.com, 415-863-5000	18,000	8200	95.3	9.6 mg	FO96/841/HO/ECO	

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