

SYLVANIA Micro-Mini Twist

Electronic Compact Fluorescent Lamps



SYLVANIA self-ballasted medium, GU24, and candelabra base Micro-Mini Twist compact fluorescent lamps are energy saving alternatives to incandescent and halogen lamps delivering higher efficacy and longer life. Due to their reduced T2 tube diameter design, Micro-Mini Twists are the smallest CFL lamps available making them suitable for use in more luminaires. Unlike warm incandescent sources, they are available in a variety of color temperatures from warm (2700K) to daylight (6500K) choices with excellent color rendition.

Key Features & Benefits

- Energy savings up to 78% compared to similar lumen output incandescent
- Compact T2 tube design with maximum overall length less than 4.5 inches (114 mm)
- Long life: 10,000 -15,000 hours average rated life
- Instant on, flicker-free
- Multiple color temperatures, 80-82 CRI
- Living spaces versions (LS) have enhanced rendition of the strong red (CIE-R9) generating richer, warmer red color tones closely matching incandescent
- TCLP-compliant to meet sustainability objectives

Product Offering

Base	Wattage	Replaces Incandescent	CCT
Medium	5W	25W	2700K
	10W	40W	2700K
	13W	60W	2700K, 3000K, 4100K, 5000K, 6500K
	20W	75W	2700K, 3000K
	23W	100W	2700K, 3000K, 4100K, 5000K, 6500K
GU-24	13W	60W	2700K
	23W	100W	2700K
Candelabra	13W	60W	2700K, 3500K, 6500K
	23W	100W	2700K

Application Information

Applications

- Chandeliers
- Decorative fixtures
- Floor lamps
- Sconces
- Table lamps
- Vanity lights

Application Notes

1. Do not install on dimming circuits.
2. Outdoor – use only in enclosed fixtures to avoid exposure to weather.
3. Do not use in emergency exit fixtures.
4. Meets CSA, FCC and UL requirements.
5. Use only 120V AC, 60Hz circuit.
6. Install and remove lamps from fixture by handling plastic base, not lamp glass.
7. Best performance achieved at 77°F/25°C.

Specification Data

Ordering Information

Item Number	Ordering Abbreviation	Base	Incandescent Wattage	Nominal Wattage	Initial Lumens	Average Rated Life (hrs.)	CCT	CRI	Packaging
Micro-Mini Twist – 10,000 hours									
26944	CF10EL/MICRO/827/RP3	Medium	40	10	600	10,000	2700K	82	3/SKU, 18/CS
26370	CF13EL/SPIRAL/827	Medium	60	13	850	10,000	2700K	80	1/SKU, 6/CS
28895	CF13EL/SPIRAL/827/2	Medium	60	13	850	10,000	2700K	80	2/SKU, 12/CS
28896	CF13EL/SPIRAL/827/CVP/12	Medium	60	13	850	10,000	2700K	80	CVP 12/SKU
29978	CF13EL/SPIRAL/827/CVP/6	Medium	60	13	850	10,000	2700K	80	CVP 6/SKU
26371	CF13EL/SPIRAL/827/3	Medium	60	13	850	10,000	2700K	80	3/SKU, 18/CS
26372	CF13EL/SPIRAL/830	Medium	60	13	850	10,000	3000K	80	1/SKU, 6/CS
26373	CF13EL/SPIRAL/835	Medium	60	13	850	10,000	3500K	80	1/SKU, 6/CS
26374	CF13EL/SPIRAL/835/3	Medium	60	13	850	10,000	3500K	80	3/SKU, 18/CS
26375	CF13EL/SPIRAL/841	Medium	60	13	800	10,000	4100K	80	1/SKU, 6/CS
29782	CF13EL/SUPER/850/RP	Medium	60	13	800	10,000	5000K	82	1/SKU, 6/CS
26376	CF13EL/SPIRAL/850	Medium	60	13	800	10,000	5000K	80	1/SKU, 6/CS
26377	CF13EL/SPIRAL/865	Medium	60	13	800	10,000	6500K	80	1/SKU, 6/CS
26378	CF13EL/SPIRAL/865/3	Medium	60	13	800	10,000	6500K	80	3/SKU, 18/CS
28897	CF13EL/SPIRAL/865/2	Medium	60	13	800	10,000	6500K	80	2/SKU, 12/CS
26347	CF20EL/SPIRAL/827	Medium	75	20	1300	10,000	2700K	80	1/SKU, 6/CS
26348	CF20EL/SPIRAL/827/3	Medium	75	20	1300	10,000	2700K	80	3/SKU, 18/CS
26925	CF20EL/MICRO/827/RP3	Medium	75	20	1300	10,000	2700K	82	3/SKU, 18/CS
26349	CF20EL/SPIRAL/830	Medium	75	20	1300	10,000	3000K	80	1/SKU, 6/CS
28898	CF23EL/SPIRAL/827/2	Medium	100	23	1600	10,000	2700K	80	2/SKU, 12/CS
28899	CF23EL/SPIRAL/827/CVP/12	Medium	100	23	1600	10,000	2700K	80	CVP 12/SKU
26353	CF23EL/SPIRAL/827	Medium	100	23	1600	10,000	2700K	80	1/SKU, 6/CS
26354	CF23EL/SPIRAL/827/3	Medium	100	23	1600	10,000	2700K	80	3/SKU, 18/CS
26355	CF23EL/SPIRAL/830	Medium	100	23	1600	10,000	3000K	80	1/SKU, 6/CS
26356	CF23EL/SPIRAL/835	Medium	100	23	1600	10,000	3500K	80	1/SKU, 6/CS
26357	CF23EL/SPIRAL/835/3	Medium	100	23	1600	10,000	3500K	80	3/SKU, 18/CS
26358	CF23EL/SPIRAL/841	Medium	100	23	1600	10,000	4100K	80	1/SKU, 6/CS
26359	CF23EL/SPIRAL/850	Medium	100	23	1600	10,000	5000K	80	1/SKU, 6/CS
26351	CF23EL/SPIRAL/865	Medium	100	23	1600	10,000	6500K	80	1/SKU, 6/CS
26352	CF23EL/SPIRAL/865/3	Medium	100	23	1600	10,000	6500K	80	3/SKU, 18/CS
Micro-Mini Twist – 12,000 hours									
21095	CF5EL/MICRO/LS	Medium	25	5	250	12,000	2700K	82	1/SKU, 6/CS
29401	CF10EL/MICRO/827/RP2	Medium	40	10	600	12,000	2700K	82	2/SKU, 12/CS
29972	CF13EL/MICRO/MINI/827/LS/RP2	Medium	60	13	800	12,000	2700K	82	2/SKU, 12/CS
29727	CF13EL/MICRO/827/RP2	Medium	60	13	900	12,000	2700K	82	2/SKU, 12/CS
29898	CF13EL/MICRO/830/ECO	Medium	60	13	825	12,000	3000K	82	1/SKU, 6/CS
29973	CF20EL/MICRO/827/LS/RP2	Medium	75	20	1200	12,000	2700K	82	2/SKU, 12/CS
29728	CF20EL/MICRO/827/RP2	Medium	75	20	1300	12,000	2700K	82	2/SKU, 12/CS
29899	CF20EL/MICRO/830/ECO	Medium	75	20	1300	12,000	3000K	82	1/SKU, 6/CS
29974	CF23EL/MICRO/827/LS/RP2	Medium	100	23	1400	12,000	2700K	82	2/SKU, 12/CS
29729	CF23EL/MICRO/827/RP2	Medium	100	23	1640	12,000	2700K	82	2/SKU, 12/CS
29901	CF23EL/MICRO/830/ECO	Medium	100	23	1640	12,000	3000K	82	1/SKU, 6/CS
29026	CF26EL/MICRO/827	Medium	100	26	1750	12,000	2700K	82	1/SKU, 6/CS
Micro-Mini Twist – 15,000 hours									
26942	CF13EL/MICRO/827/15000HR/RP2	Medium	60	13	825	15,000	2700K	82	2/SKU, 12/CS
26924	CF20EL/MICRO/827/15000HR/RP2	Medium	75	20	1300	15,000	2700K	82	2/SKU, 12/CS
26939	CF23EL/MICRO/827/15000HR/RP2	Medium	100	23	1640	15,000	2700K	82	2/SKU, 12/CS
Micro-Mini GU24 – 10,000 hours									
29957	CF13EL/GU24/827/RP	GU24	60	13	800	10,000	2700K	82	1/SKU, 6/CS
29172	CF23EL/GU24/827/RP	GU24	100	23	1600	10,000	2700K	82	1/SKU, 6/CS
Micro-Mini Candelabra – 12,000 hours									
26941	CF13EL/MICRO/827/C/BL2	Candelabra	60	13	825	12,000	2700K	82	2/SKU, 12/CS
26938	CF13EL/MICRO/827/LS/C/BL2	Candelabra	60	13	825	12,000	2700K	82	2/SKU, 12/CS
26932	CF13EL/MICRO/C/835/BL2	Candelabra	60	13	825	12,000	3500K	82	2/SKU, 12/CS
26936	CF13EL/MICRO/C/865/BL2	Candelabra	60	13	800	12,000	6500K	82	2/SKU, 12/CS
26906	CF23EL/MICRO/C/827/BL2	Candelabra	100	23	1640	12,000	2700K	82	2/SKU, 24/CS

Ordering Information (continued)

	Item Number	Ordering Abbreviation	Base	Incandescent Wattage	Nominal Wattage	Initial Lumens	Average Rated Life (hrs.)	CCT	CRI	Packaging
Twist	28957	CF13EL/GU24/827/BL	GU24	60	13	800	2700K	82	8000	1/SKU,5/CS
	29947	CF23EL/GU24/827/BL	GU24	100	23	1600	2700K	82	8000	1/SKU,5/CS
	29793	CF30EL/TWIST/835/DAY/RP	Medium	125	30	1845	3500K	82	10,000	1/SKU,6/CS
	29395	CF30EL/TWIST/830	Medium	125	30	2000	3000K	82	10,000	1/SKU,6/CS
	29792	CF30EL/TWIST/827/RP	Medium	125	30	2000	2700K	82	10,000	1/SKU,6/CS
	29786	CF40EL/TWIST/827/RP	Medium	150	40	2600	2700K	82	10,000	1/SKU,6/CS
Dimmable Twist	29508	CF65EL/TWIST/841	Medium	200	65	4200	4100K	82	8000	1/SKU,6/CS
	29454	CF14EL/TWIST/827/DIM/BL	Medium	60	14	800	2700K	82	8000	1/SKU,6/CS
	29453	CF24EL/TWIST/827/DIM/BL	Medium	100	24	1500	2700K	82	8000	1/SKU,6/CS
3-Way Twist	26933	CF33EL/3WAY/865/BL	Medium	50	12	540	6500K	82	10,000	1/SKU,4/CS
				100	22	1080	6500K	82	10,000	
				150	33	1935	6500K	82	10,000	
	29747	CF33EL/3WAY/827	Medium	50	12	600	2700K	82	10,000	1/SKU,6/CS
				100	22	1200	2700K	82	10,000	
				150	33	2150	2700K	82	10,000	
	26930	CF33EL/3WAY/835/BL	Medium	50	12	600	3500K	82	10,000	1/SKU,4/CS
				100	22	1200	3500K	82	10,000	
				150	33	2150	3500K	82	10,000	
	29913	CF33EL/3WAY/830/RP	Medium	50	12	600	3000K	82	10,000	1/SKU,6/CS
				100	22	1200	3000K	82	10,000	
				150	33	2150	3000K	82	10,000	
	27714	CF40EL/3WAY/827/RP	Medium	50	20	1000	2700K	82	8000	1/SKU,4/CS
				100	30	2050	2700K	82	8000	
				150	40	2650	2700K	82	8000	

Operating temperature range of all DULUX EL lamps is 0° to 100°F.

Ordering Guide

CF	13	EL	/	MICRO	/	C	/	8	27	/	LS	/	RP
Compact Fluorescent	Wattage: 13 watts	Electronic Ballast		Bulb Type Micro-Mini		C = Candelabra Base GU24 = GU24 Base		8 = 82 CRI	27 = 2700K 30 = 3000K 35 = 3500K 41 = 4100K 50 = 5000K 65 = 6500K		Living Spaces		RP = Retail Pack CVP = Contractor Value Pack

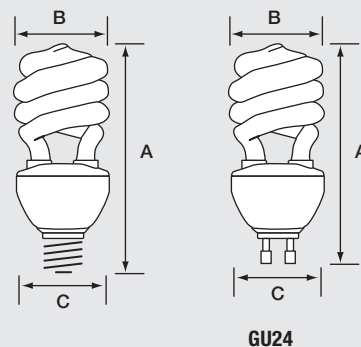
Lamp Comparison

	Wattage	Initial Lumens	Avg. Rated Life (hours)	CCT	Energy cost per year ¹	Life in years ²
Incandescent 25-40W Replacements						
CF5EL/MICRO/LS	5	250	12,000	2700K	\$0.60	11.0
CF10EL/MICRO	10	600	12,000	2700K	\$1.20	11.0
Incandescent 60W Replacements						
CF13ELMICRO82715000HR	13	825	15,000	2700K	\$1.57	13.7
CF13ELMICRO827	13	900	12,000	2700K	\$1.57	11.0
CF13EL/SPIRAL/827	13	850	10,000	2700K	\$1.57	9.1
CF13EL/SPIRAL/830	13	850	10,000	3000K	\$1.57	9.1
43A/HAL/SW	43	750	1000	2900K	\$5.18	0.9
60A19/SW	60	800	1000	2850K	\$7.23	0.9
Incandescent 75W Replacements						
CF20ELMICRO82715000HR	20	1300	15,000	2700K	\$2.41	13.7
CF20ELMICRO827	20	1300	12,000	2700K	\$2.41	11.0
CF20EL/SPIRAL/827	20	1300	10,000	2700K	\$2.41	9.1
CF20EL/SPIRAL/830	20	1300	10,000	3000K	\$2.41	9.1
53A/HAL/SW	53	1050	1000	2950K	\$6.38	0.9
75A19/SW	75	1200	1000	2850K	\$9.03	0.9
Incandescent 100W Replacements						
CF23ELMICRO82715000HR	23	1640	15,000	2700K	\$2.77	13.7
CF23ELMICRO827	23	1640	12,000	2700K	\$2.77	11.0
CF23EL/SPIRAL/827	23	1600	10,000	2700K	\$2.77	9.1
CF23EL/SPIRAL/830 1/SKU	23	1600	10,000	3000K	\$2.77	9.1
72A/HAL/SW	72	1490	1000	3000K	\$8.67	0.9
100A19/SW	100	1600	750	2900K	\$12.05	0.7

1. Based on 3 hours per day, \$0.11 per kWh.
2. Based on 3 hours operation per day.

Lamp Dimensions

	(A) MOL (in.)	(B) Diameter (in.)	(C) Base Width (in.)
CF13EL/SPIRAL	3.94	1.58	1.50
CF20EL/SPIRAL	4.13	2.05	2.01
CF23EL/SPIRAL	4.45	2.05	2.01
CF5ELMICRO	3.30	1.64	1.50
CF10ELMICRO	3.61	1.53	1.60
CF13ELMICRO	3.70	1.53	1.66
CF20ELMICRO	4.29	2.02	2.14
CF23ELMICRO	4.45	2.02	2.14
CF13ELMICRO/GU24	3.95	1.81	1.51
CF23ELMICRO/GU24	4.36	2.34	1.80
CF13ELMICRO/C	3.70	1.53	1.50
CF23ELMICRO/C	4.79	2.35	1.65
CF14EL/TWIST/DIM	4.63	1.75	1.73
CF24EL/TWIST/DIM	4.75	2.37	1.73
CF30EL/TWIST	5.13	2.50	2.17
CF40EL/TWIST	6.38	2.76	2.5
CF65EL/TWIST	7.85	4.12	2.76
CF13EL/GU24/TWIST	3.95	1.81	1.51
CF23EL/GU24/TWIST	4.36	2.34	1.80
CF33EL/3WAY/TWIST	5.28	2.55	2.50
CF40EL/3WAY/TWIST	5.5	2.8	2.5



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