

# SYLVANIA Micro-Mini Twist

## Electronic Compact Fluorescent Lamps



SYLVANIA self-ballasted medium 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 -12,000 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	13W	60W	2700K, 3000K, 4100K, 5000K, 6500K
	20W	75W	2700K, 3000K
	23W	100W	2700K, 3000K, 4100K, 5000K, 6500K
Candelabra	13W	60W	3500K

### Application Information

#### Applications

- Chandeliers
- Decorative fixtures
- Floor lamps
- Sconces
- Security lighting
- 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

Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Information

Item Number	Ordering Abbreviation	Base	Incandescent Wattage	Nominal Wattage	Initial Lumens	Average Rated Life (hrs.)	CCT	CRI	Packaging
<b>Micro-Mini Twist – 10,000 hours</b>									
26370	CF13EL/SPIRAL/827	Medium	60	13	850	10,000	2700K	80	1/SKU, 6/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
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
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
26349	CF20EL/SPIRAL/830	Medium	75	20	1300	10,000	3000K	80	1/SKU, 6/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
<b>Micro-Mini Twist – 12,000 hours</b>									
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
29901	CF23EL/MICRO/830/ECO	Medium	100	23	1640	12,000	3000K	82	1/SKU, 6/CS
<b>Micro-Mini Candelabra – 12,000 hours</b>									
26932*	CF13EL/MICRO/C/835/BL2	Candelabra	60	13	825	12,000	3500K	82	2/SKU, 12/CS

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

\*Discontinued with inventory. Will be inactive once inventory is depleted.

## 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		8 = 82 CRI	27 = 2700K 30 = 3000K 35 = 3500K 41 = 4100K 50 = 5000K 65 = 6500K		Living Spaces		RP = Retail Pack CVP = Contractor Value Pack

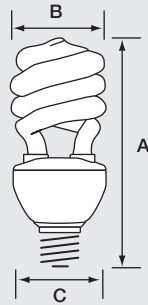
## Lamp Comparison

	Wattage	Initial Lumens	Avg. Rated Life (hours)	CCT	Energy cost per year <sup>1</sup>	Life in years <sup>2</sup>
<b>Incandescent 25-40W Replacements</b>						
CF5EL/MICRO/LS	5	250	12,000	2700K	\$0.60	11.0
CF10EL/MICRO	10	600	12,000	2700K	\$1.20	11.0
<b>Incandescent 60W Replacements</b>						
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
<b>Incandescent 75W Replacements</b>						
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
<b>Incandescent 100W Replacements</b>						
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
CF10ELMICRO	3.61	1.53	1.60
CF13ELMICRO	3.70	1.53	1.66
CF23ELMICRO	4.45	2.02	2.14
CF13ELMICRO/C	3.70	1.53	1.50



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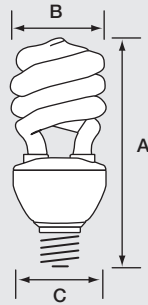
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CF13ELMICRO	3.70	1.53	1.66
CF23ELMICRO	4.45	2.02	2.14
CF13ELMICRO/C	3.70	1.53	1.50



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