

Cross reference between compact fluorescent lamps and incandescent lamps



Compact fluorescent lamps (CFLs) are available in a variety of shapes. Many of these mimic the shapes of traditional lamps. Others don't but try to have a configuration that will produce the same light pattern as the traditional lamp. An example of this would be the Twist lamp, which tries to be as compact as the standard incandescent lamp.

The table below gives information about the various options for replacing incandescent lamps with compact fluorescent lamps.

Compact fluorescent			Incandescent			Watts Saved	CFL life vs. Inc. life
Wattage/shape	Lumens	Life	Wattage/shape	Lumens	Life		
Standard incandescent lamps (A-base lamp)							
7W minitwist	375	8,000	25/A	160	2500	18	3x
11W minitwist	600	8,000	40/A	465	1500	29	5x
13W minitwist	800	8,000	60/A	850	1000	47	8x
15W twist	850	10,000	60/A	850	1000	45	10x
19W minitwist	1200	8,000	75/A	1170	750	56	11x
20W twist	1200	10,000	75/A	1170	750	55	13x
23W minitwist	1600	8,000	100/A	1690	750	77	11x
23W twist	1450	10,000	90/A	1450	750	67	13x
27W twist	1750	10,000	100/A	1690	750	73	13x
30W twist	2000	6,000	100/A	1690	750	70	8x
40W twist	2600	8,000	150/A	2640	750	110	11x
3-way lamp – comparison shown per stage – CFL is twist shape and incandescent is A-base							
12W	600	6,000	30W	270	1200	18	5x
19W	1100	6,000	60W	860	1200	51	5x
28W	1600	6,000	90W	1130	1200	72	5x
Candelabra							
4 W candelabra	160	6,000	15W candelabra	125	1500	11	4x
Flood lamps							
15W R30	560	8,000	65W R30	620	2000	50	3x
20W R30	900	8,000	75W R30	680	2000	55	4x
Circleline							
30W circ	1800	10,000	100/A	1690	750	70	13x

Lamp data for the above was taken from Sylvania Bulletin # CF026R6. www.sylvania.com

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