

Save Money

A WORKSHEET FOR CALCULATING

Energy Cost Savings



original bulb wattage	60w
subtract replacement bulb wattage	(-) 13w
equals wattage saved per lamp	(=) 47w
multiply by average rated life	(x) 10,000hr
equals total energy saved over life of new lamp	(=) 470,000 watt hours
convert to kilowatt hours	(÷) 1,000
equals total kilowatt hours saved over lamp life	(=) 470kwh
*multiply by energy rate	(x) 0.10
equals total \$\$ saved over life of new lamps	(=) \$47.00

Incandescent (Watts)	CFL (Watts)	Typical Lumens	SAVINGS** (Over Lamp Life)
25	5-7	250	\$20
40	9-11	450	\$31
60	13-15	800	\$47
75	18-20	1,100	\$57
100	23-32	1,600	\$77
150	42	2,600	\$108

* Based on the national average cost of electricity

** Based on 10,000 hours lamp life