

# Home Lighting Worksheet

This can be a fun family project to determine the best opportunities for saving energy by installing new CFL light bulbs. You can assign different rooms to different people and then summarize everything in this table, which will show % CFL light bulbs, and potential savings by room.

Location	# of Light Bulbs – non CFL (A)	# of CFL Light Bulbs	Hours Per Day That Lights Are On (B)	Watts Per Bulb	Cost Per Hour For a Year (C) – See Table Below	Estimated Yearly Cost (A x B x C)	Savings Potential (75% of Yearly Cost)
<b>Example</b>	<b>4</b>	0	<b>2</b>	65	<b>\$4</b>	<b>\$32</b> (4 bulbs x 2 hour x \$4)	<b>\$24</b> (3/4ths of \$32)
Entrance							
Living Room							
Kitchen							
Dining Room							
Family Room							
Master Bedroom							
Master Bath							
Bedroom 1							
Bedroom 2							
Bedroom 3							
Bedroom 4							
Office							
Bedroom Hallway							
Bath #2							
Bath #3							
Utility Room							
Garage							
Outdoor							
Outdoor Structure							
<b>TOTALS</b>							

<b>Watts</b>	40	60/65	75	100
<b>Yearly Cost (one hour per day)</b>	\$2.50	\$4.00	\$5.00	\$6.50

\* Halogen lights use about 10% (sometimes as high as 20%) less energy than incandescent bulbs for the same amount of light (versus 75% for CFLs).