

A New Hearth – Lighting Evaluation

STEP 2 - Instructions

ADD IT UP! - Use the **LIGHTING SUMMARY SHEET** to add up how much lighting you use as a whole.

Here you can tally up how many bulbs of which kind and size you use.

Then you can multiply the size of bulb by the number of bulbs to get a sum of the total number of watts used in each room. Group wattage size bulbs together.

You might use 60 watt bulbs in the ceiling and in a table lamp. For these purposes, group them together.

Where the bulb is used comes into play when considering how to change the bulb. If it is a ceiling light that is 12 feet up, you are less likely to want to change that bulb frequently. For our purposes here we just want to get an overall picture of how much you are using.

This lighting evaluation is a project of Holt Design.

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STEP 3 -

Time it - use tracking sheets for one week to identify how many hours lights are left on. Keep it simple and start with what you know to be the worst offenders.

room		light
ON	OFF	TOTAL TIME

*Make some copies
and cut this out.
Place one by each switch
or lamp to keep track of
when the light is on.*

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STEP 3 - Take Action

CHOOSE A GOAL: Decide on a goal you want to reach. Do you want to cut 20%, 30% or 50% of your LIGHTING use?.

GOAL: _____ %

MAKE A PLAN: You can reduce your lighting use in several ways.

Keep ‘em off. Use timers, motion detectors, prizes, whatever you need to - just not use lights. Don't leave lights on when no one is in the room. If you are going to be out of the room for more than five minutes, turn off the light. If you know of a light that everyone forgets to turn off, make a sticker or a sign to hang next to the switch that says "Lights Out!" or "Don't Forget!"

Change the bulbs, Where possible, use compact fluorescent light bulbs. Those funny-looking bulbs produce the same amount of light by using 1/4 of the electricity. Plus, they last for years and years without burning out. They last some 8,000 to 12,000 hours—the difference between replacing the bulb once, or ten times, over a given period.

Go 100% ‘green’ - National Grid provides a way to purchase green power. Rather than purchasing electricity from a fossil fuel plant, you can buy it from green sources such as waterfall or wind farms for pennies more per kilowatt hour. **Go to:** http://www.nationalgridus.com/masselectric/home/energychoice/4_greenup_provider.asp

Reward yourselves - create an award for the family member who does the most to save on electricity.

*Energy used to power your home can be responsible for more pollution than your car.
If you change just one light in your household, you can reduce pollution in the environment and save money!*

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