

Miramar Landing, Do You Know?

How much does it cost per light bulb?

How much does it cost to have one light bulb on for 1 day?

Very simple.

Depends on your electric rate and lamp wattage, but for formula is this:
 $100 \text{ Watts} \times 24 \text{ hours} / 1,000 \text{ KWH} \times \text{elec rate } .08 = .192 \text{ per day.}$

If you are trying to decide on whether to buy fluorescent vs regular consider this:

Example: 100 Watt lamp costs .50 and is rated for 1000 hours.

$100 \text{ Watts} \times 1,000 \text{ Hours} = 100,000 \text{ Watts} / 1,000 = 100 \text{ KWH}$
 $100 \text{ Kilowatt Hours} \times \text{Electric rate } .08 = 8.00 + .50 \text{ cost of lamp}$
Total cost to run that light bulb (on average rated life) is \$8.50

That's why the new fluorescent lamps are so cost effective. Do the math.

$18 \text{ Watts (100 equivalent)} \times 10,000 \text{ Hours} = 180,000 \text{ W} / 1,000 = 180 \text{KWH} \times .08 = 14.40 + 6.00 \text{ cost of lamp} = \20.40 Total. Sounds higher but the lamp lasts 10 times longer. So $20.40 / 10 = \$2.04 \text{ each}$

It's a little bit more upfront but easily pays for itself in the long run.

Source:

18 years electrician

Miramar Landing WATCH conclusion:

Improved lighting can increasing surveillance and signifying community investment and pride in an area.

The cost of having your front lights on at night will cost between 6 – 8 cents per 100 watts for every 8 hrs.

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watch@mirarmarlandingshoa.com : Information@mirarmarlandingshoa.com