

Did you know?

- **Using electricity cost money.** Leaving your light on for 1 hour, depending on the light, goes from £0.003 (LED) to £0.019 (old filament). Leave a light on for the night cost you a year from £12.295 (LED) to £81.962 (old filament). And if you leave a light on day and night, it cost you a year from £24.589 (LED) to £163.924 (old filament). **Safe your wallet!**
- **Using electricity emits Carbon Dioxide (CO₂).** It is not the light bulb itself but it is the CO₂ created in the generation of the electricity that the light bulb consumes. Leaving your light on for an hour, depending on the the light, goes from 0.01kg (LED) to 0.04kg (old filament). If you leave a light on for the night, will be a year 24.1kg (LED) to 160.9kg (old filament). Leave a light on day and night will be a year 48.3kg (LED) to 321.7kg (old filament). **Safe the planet!**
- **Lighting negatively affects the environment** as it disrupts the natural light cycles that species are cued into. These include changes in time partitioning such as singing, activity and foraging in animals, or altering individual health. There is increasing evidence that lighting has negative effects on human health. There is a concern that the emission levels of some lamps could be harmful for the skin and the eyes. **Safe living organisms and look after your health!**
- **Fact:** The key fact to put this into perspective is that electricity generation account for around 70% of the CO₂ emissions for cars and three times the total emissions from aviation as quoted by the International Energy Association (IEA). Lighting contributes to about 6% of global carbon dioxide emissions.
- **Myth:** Research shows that leaving your lights on at night might not be effective at deterring crime if there is no one around to see it. Outdoor lights make the burglars harder to hide, but the lightning will be useless if no one actually sees the suspicious activity. A study by the Office for National Statistics also found that 60% of burglaries take place during the day. More often than not, your constant night-time lights won't make a difference to whether or not you're burgled.